

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091518\
 Data File : VX004619.D
 Acq On : 16 Sep 2018 07:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 6:27:29 PM

Quant Time: Sep 17 08:49:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	325757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210192	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160877	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	5.50	113	145074	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	8.72	98	446434	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
62) 4-Bromofluorobenzene	11.14	95	163647	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	109515	47.82	ug/l	95
3) Chloromethane	1.32	50	155743	49.41	ug/l	99
4) Vinyl Chloride	1.40	62	159972	49.45	ug/l	99
5) Bromomethane	1.64	94	65934	48.65	ug/l	97
6) Chloroethane	1.71	64	110339	52.75	ug/l	99
7) Trichlorofluoromethane	1.93	101	191721	44.71	ug/l	86
8) Diethyl Ether	2.19	74	103880	54.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119468	43.92	ug/l	98
10) Methyl Iodide	2.51	142	137333	42.89	ug/l	96
11) Tert butyl alcohol	3.07	59	189593	252.18	ug/l	99
12) 1,1-Dichloroethene	2.37	96	126402	49.51	ug/l	91
13) Acrolein	2.29	56	92201	310.67	ug/l	99
14) Allyl chloride	2.73	41	251219	47.86	ug/l	93
15) Acrylonitrile	3.15	53	468794	258.93	ug/l	96
16) Acetone	2.45	43	357733	232.62	ug/l	95
17) Carbon Disulfide	2.57	76	363523	49.26	ug/l	98
18) Methyl Acetate	2.78	43	221371	51.31	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	465843	52.00	ug/l	95
20) Methylene Chloride	2.85	84	157823	50.03	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	148893	52.77	ug/l	88
22) Diisopropyl ether	3.87	45	529598	56.02	ug/l	95
23) Vinyl Acetate	3.82	43	2091675	273.40	ug/l	95
24) 1,1-Dichloroethane	3.69	63	276190	51.74	ug/l	97
25) 2-Butanone	4.70	43	575998	235.34	ug/l	99
26) 2,2-Dichloropropane	4.59	77	113371	30.92	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	168891	53.62	ug/l	94
28) Bromochloromethane	5.02	49	133080	54.51	ug/l	99
29) Tetrahydrofuran	5.15	42	383848	260.07	ug/l	97
30) Chloroform	5.22	83	271496	52.10	ug/l	90
31) Cyclohexane	5.57	56	215267	47.23	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	211905	50.49	ug/l	99
36) 1,1-Dichloropropene	5.79	75	184618	46.68	ug/l	98
37) Ethyl Acetate	4.85	43	227279	50.53	ug/l	98
38) Carbon Tetrachloride	5.78	117	179626	46.50	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178307	43.20	ug/l	96
40) Benzene	6.14	78	600299	51.16	ug/l	96
41) Methacrylonitrile	5.06	41	122387	49.38	ug/l	99
42) 1,2-Dichloroethane	6.20	62	201782	51.85	ug/l	99
43) Isopropyl Acetate	6.46	43	315279	52.77	ug/l	99
44) Trichloroethene	7.21	130	142294	46.68	ug/l	96
45) 1,2-Dichloropropane	7.52	63	138425	49.03	ug/l	98
46) Dibromomethane	7.66	93	88015	49.34	ug/l	99
47) Bromodichloromethane	7.90	83	166506	49.36	ug/l	100
48) Methyl methacrylate	7.77	41	149697	50.63	ug/l	97
49) 1,4-Dioxane	7.76	88	71101	1016.04	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	950138	225.36	ug/l	98
52) Toluene	8.79	92	315891	45.69	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	203686	51.69	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	191045	47.56	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	160778	54.01	ug/l	90
56) Ethyl methacrylate	9.18	69	249952	59.35	ug/l	98
57) 1,3-Dichloropropane	9.37	76	263087	54.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	511865	238.90	ug/l	96
59) 2-Hexanone	9.49	43	788711	243.89	ug/l	96
60) Dibromochloromethane	9.59	129	144173	51.44	ug/l	99
61) 1,2-Dibromoethane	9.67	107	141356	49.71	ug/l	98
64) Tetrachloroethene	9.34	164	184810	51.04	ug/l	94
65) Chlorobenzene	10.14	112	357707	49.65	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	130341	52.46	ug/l	100
67) Ethyl Benzene	10.26	91	584184	49.87	ug/l	99
68) m/p-Xylenes	10.36	106	457669	101.42	ug/l	98
69) o-Xylene	10.70	106	227573	52.46	ug/l	100
70) Styrene	10.71	104	386412	53.76	ug/l	99
71) Bromoform	10.86	173	108160	53.02	ug/l	98
73) Isopropylbenzene	11.02	105	586598	42.37	ug/l	100
74) N-amyl acetate	10.90	43	263748	45.27	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	192644	43.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	178699m	42.26	ug/l	
77) Bromobenzene	11.26	156	166456	43.50	ug/l	99
78) n-propylbenzene	11.36	91	660777	41.51	ug/l	100
79) 2-Chlorotoluene	11.42	91	406975	42.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	541340	46.52	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	49955	37.65	ug/l	95
82) 4-Chlorotoluene	11.51	91	505821	44.89	ug/l	98
83) tert-Butylbenzene	11.77	119	592308	53.46	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	614244	51.70	ug/l	99
85) sec-Butylbenzene	11.94	105	734794	52.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	625360	50.16	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	350213	49.06	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	358624	48.62	ug/l	99
89) n-Butylbenzene	12.39	91	532539	46.87	ug/l	95
90) Hexachloroethane	12.60	117	92474	46.33	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	344966	47.74	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53203	55.80	ug/l	100

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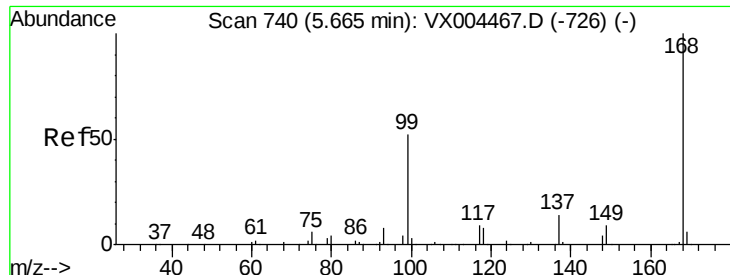
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
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QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	284748	55.66	ug/l	98
94) Hexachlorobutadiene	13.79	225	122284	45.76	ug/l	95
95) Naphthalene	13.83	128	909501	63.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284830	54.19	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 244359

Ion Ratio Lower Upper

168 100

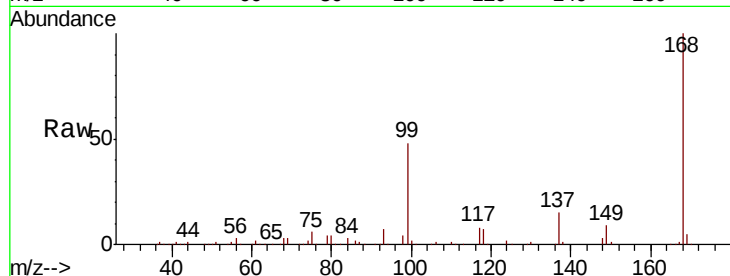
99 47.7 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

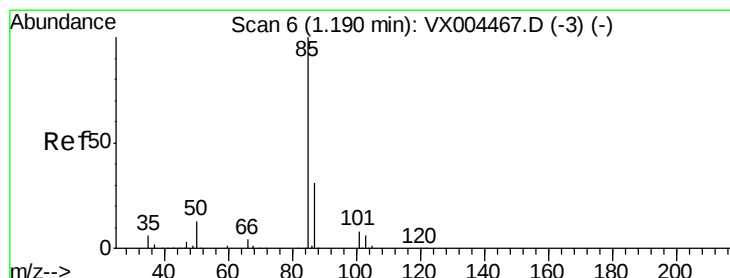
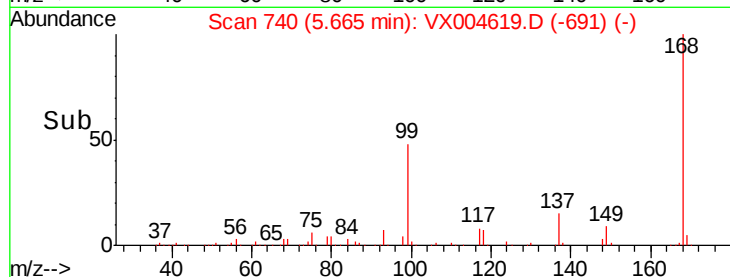
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.82 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004619.D

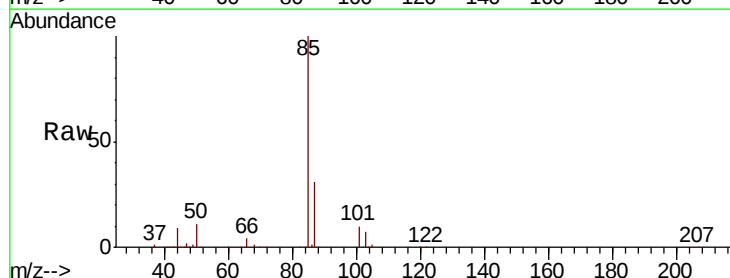
Acq: 16 Sep 2018 07:32

Tgt Ion: 85 Resp: 109515

Ion Ratio Lower Upper

85 100

87 30.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

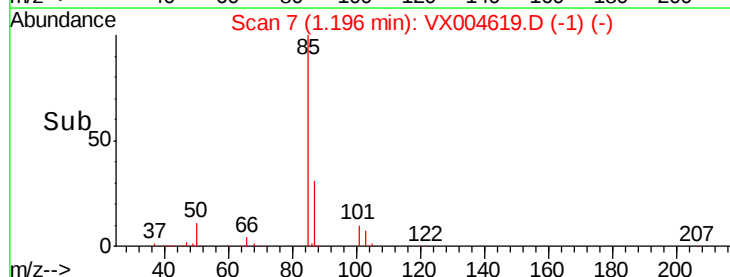
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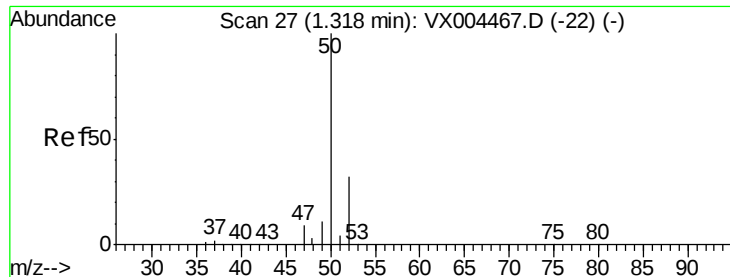
40000

20000

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Time-->





#3

Chloromethane

Concen: 49.41 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 155743

Ion Ratio Lower Upper

50 100

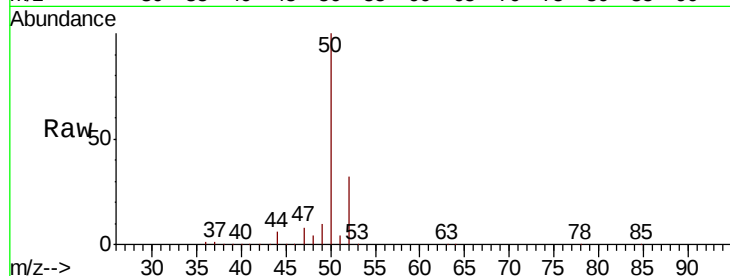
52 32.4 26.2 39.2

Manual Integrations

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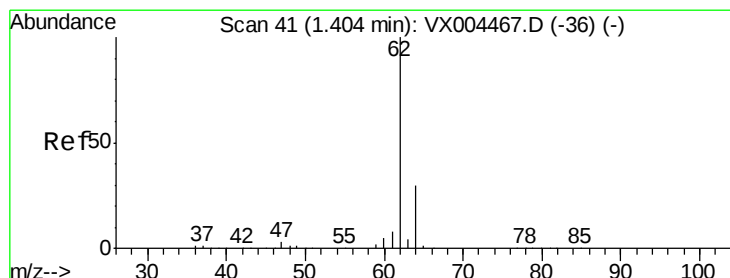
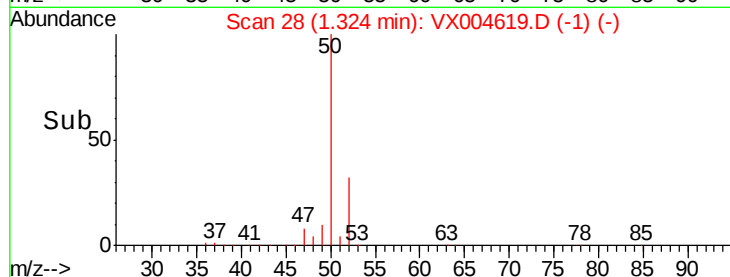
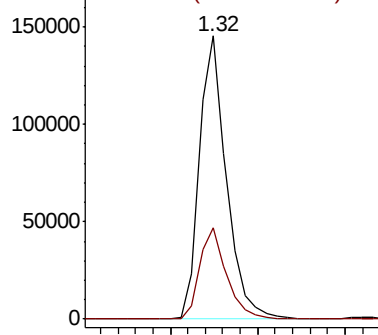
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.45 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004619.D

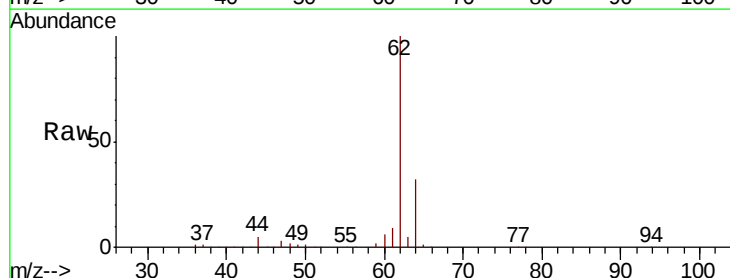
Acq: 16 Sep 2018 07:32

Tgt Ion: 62 Resp: 159972

Ion Ratio Lower Upper

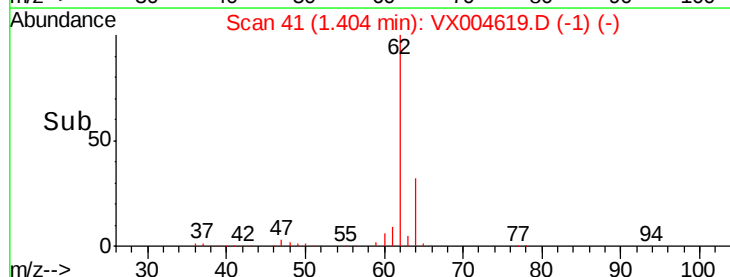
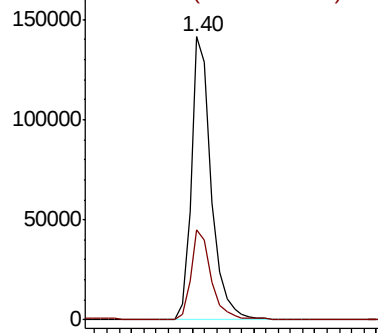
62 100

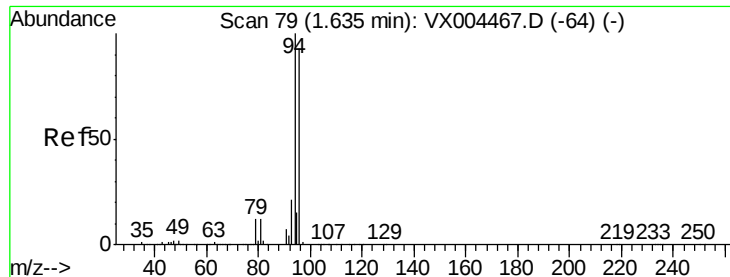
64 31.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.65 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 65934

Ion Ratio Lower Upper

94 100

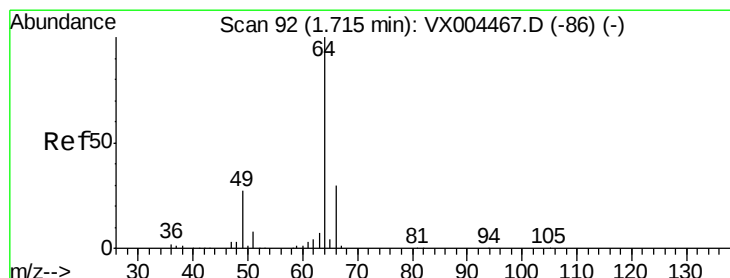
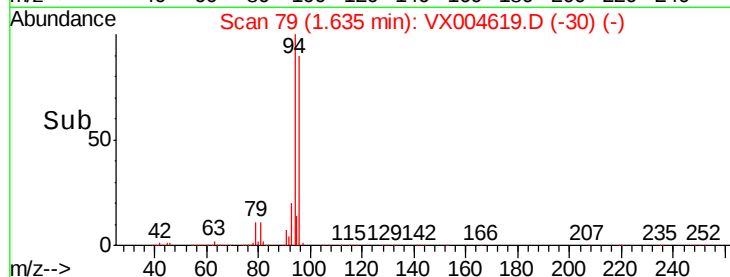
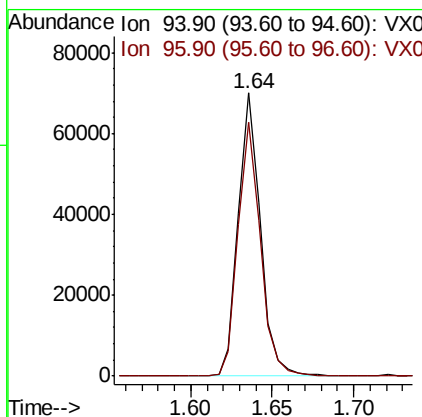
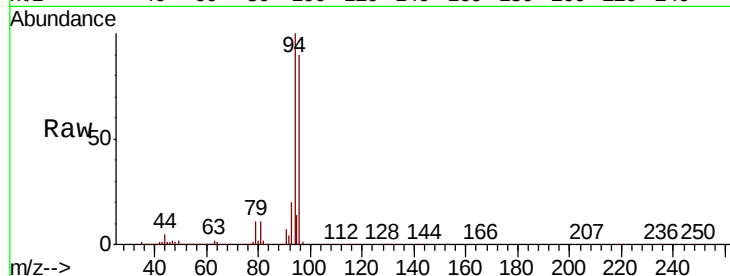
96 89.9 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 52.75 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004619.D

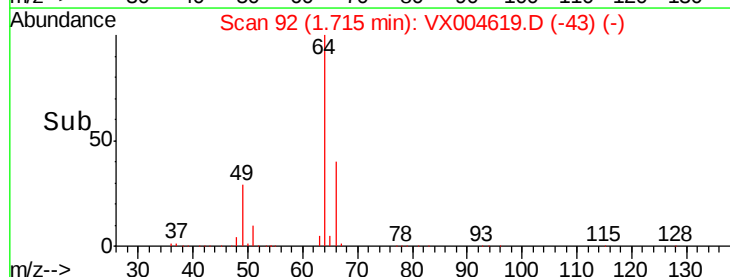
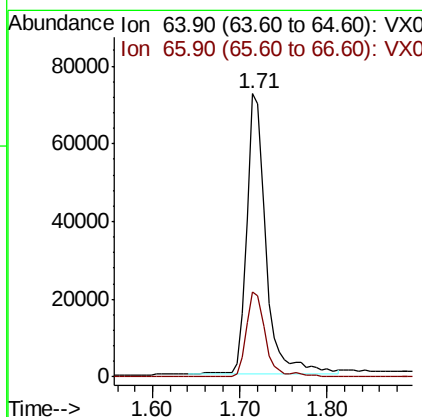
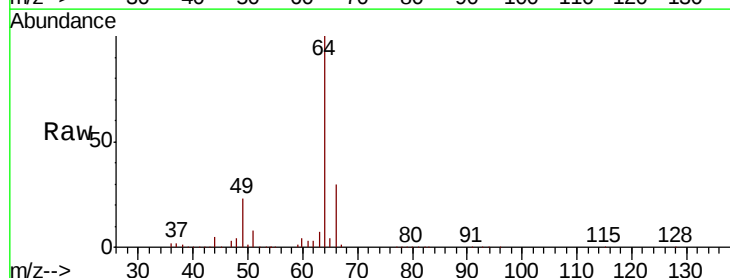
Acq: 16 Sep 2018 07:32

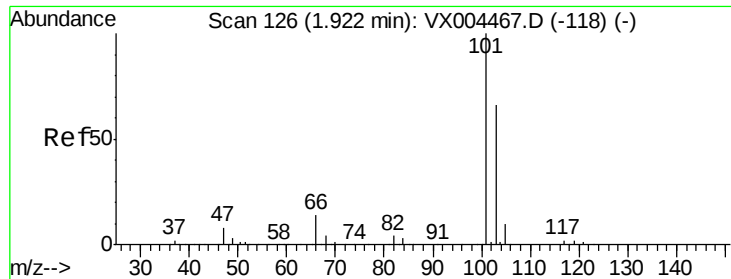
Tgt Ion: 64 Resp: 110339

Ion Ratio Lower Upper

64 100

66 30.1 24.6 36.8





#7

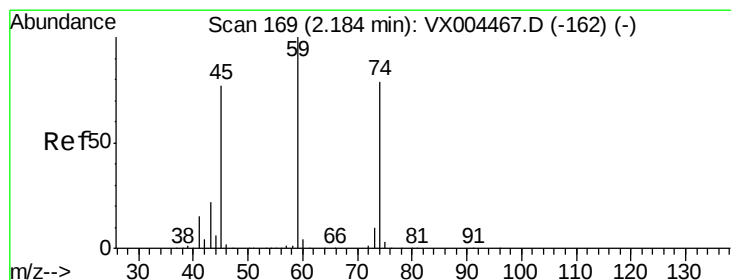
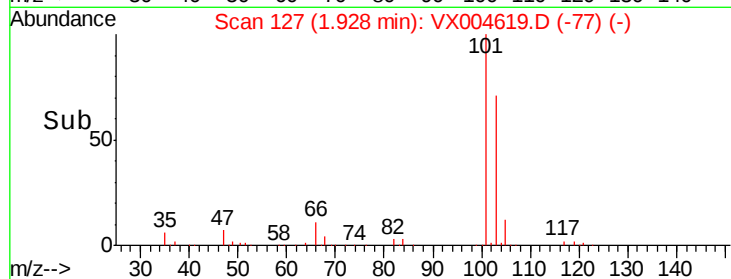
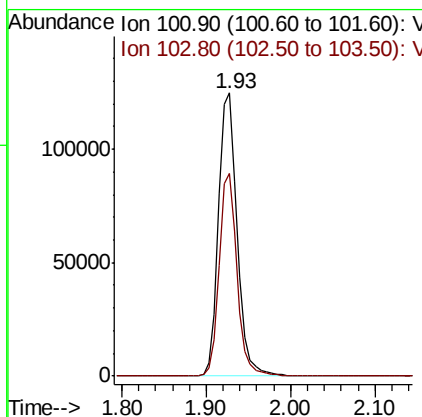
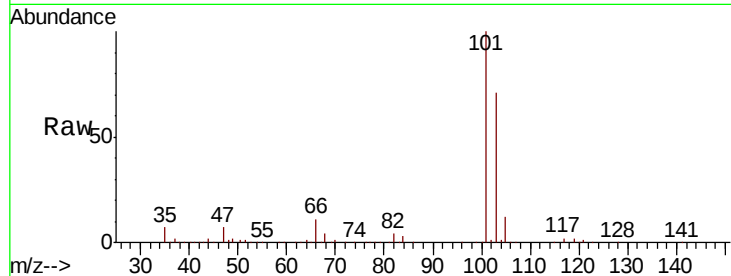
Trichlorofluoromethane
Concen: 44.71 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	71.4	48.9	73.3

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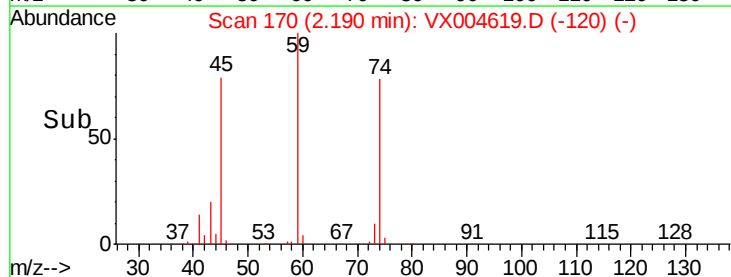
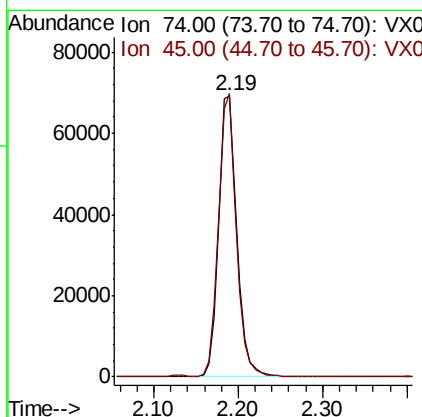
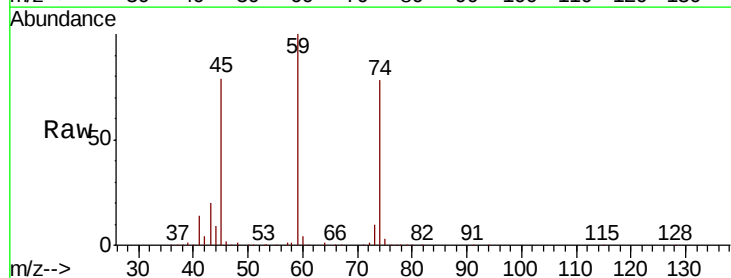
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9/17/2018 6:27:29 PM

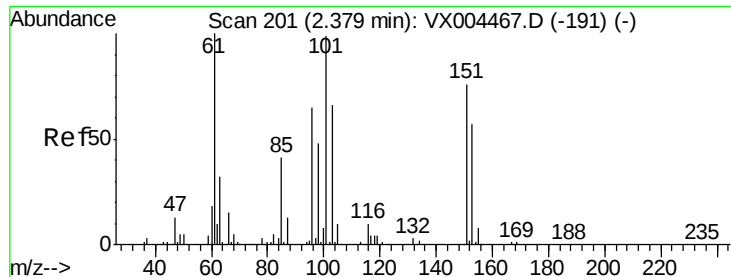


#8

Diethyl Ether
Concen: 54.03 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.92 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

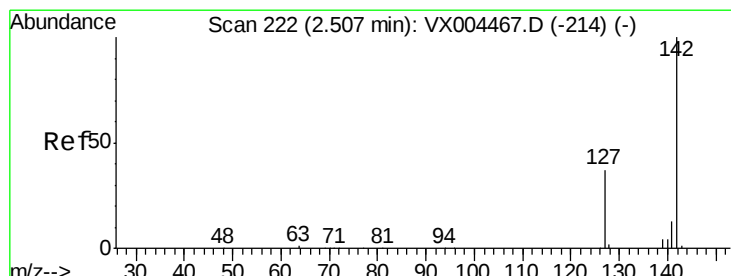
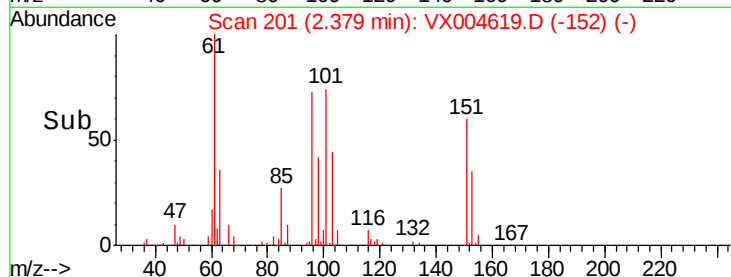
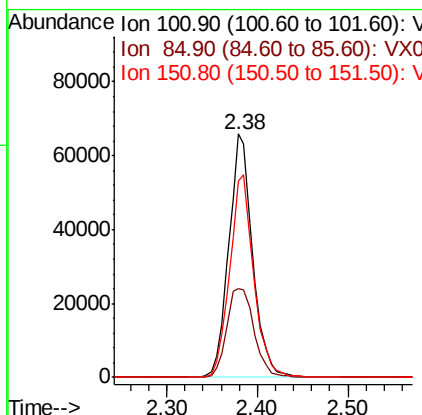
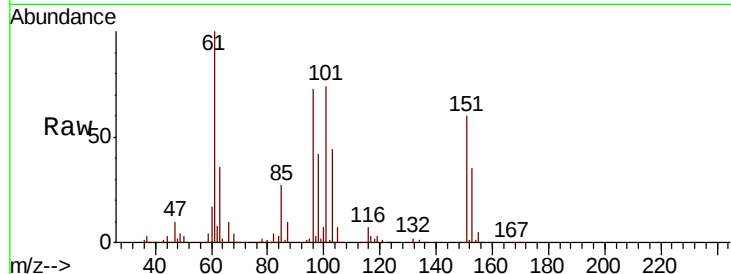
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	119468
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.2	51.4
151	83.9	65.0	97.6

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#10

Methyl Iodide

Concen: 42.89 ug/l

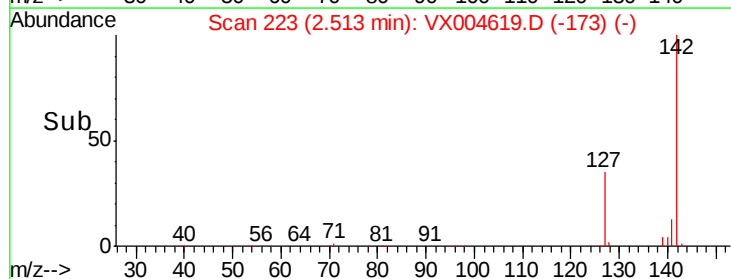
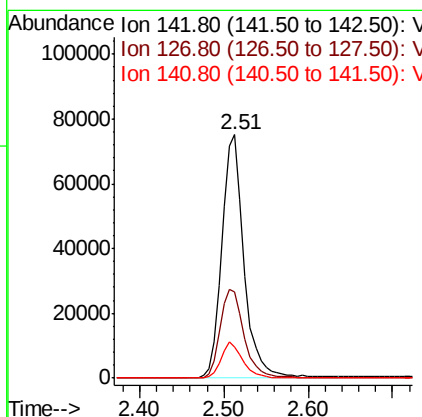
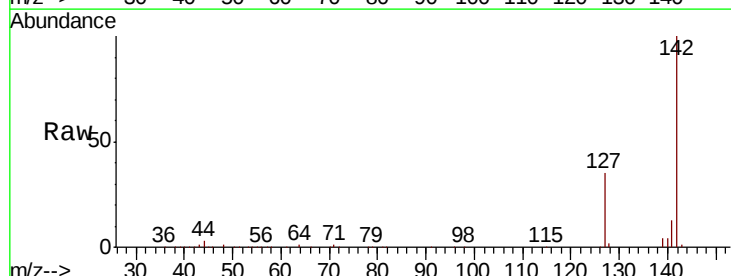
RT: 2.51 min Scan# 223

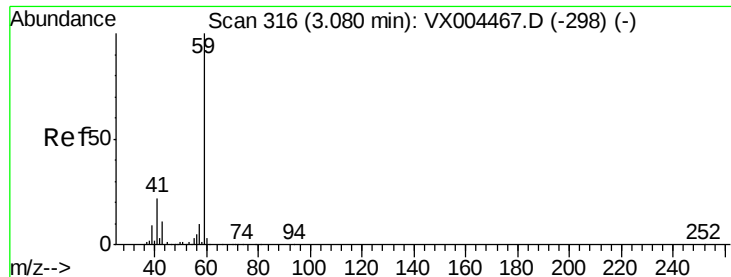
Delta R.T. 0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion:	142	Resp:	137333
Ion Ratio	Lower	Upper	
142	100		
127	39.2	33.8	50.6
141	14.5	11.4	17.0





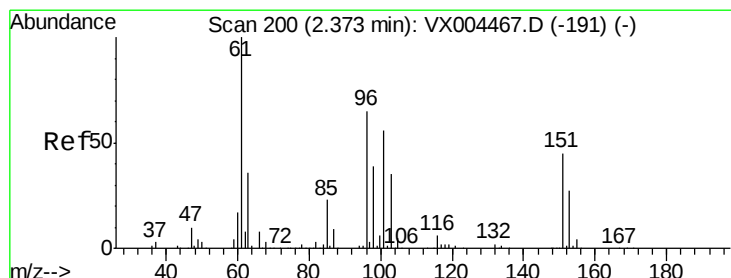
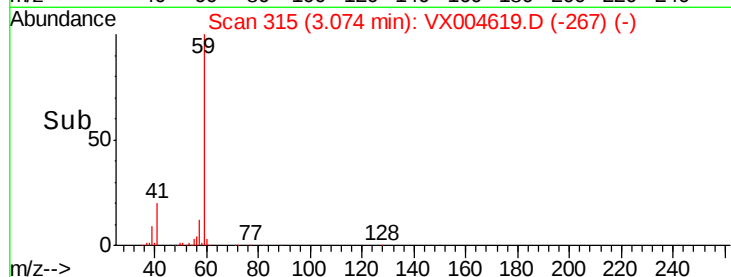
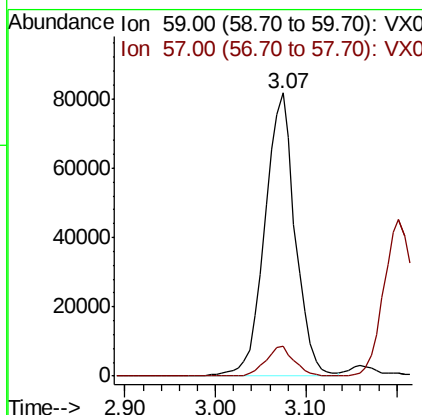
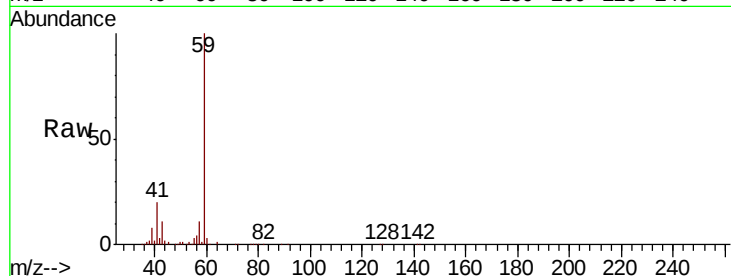
#11
Tert butyl alcohol
Concen: 252.18 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 189593
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

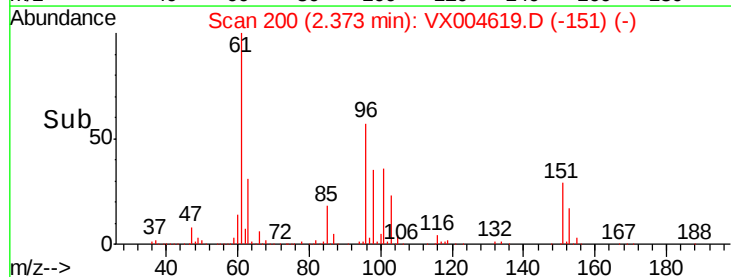
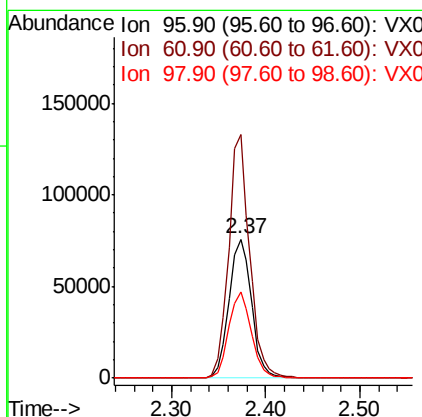
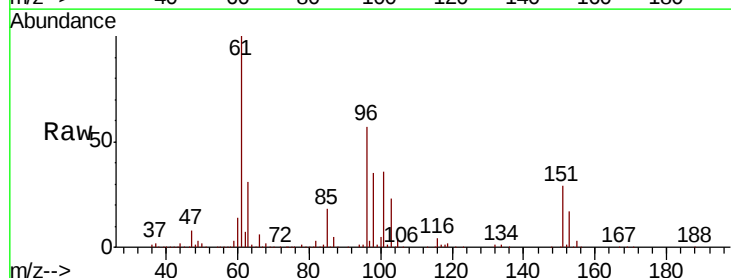
Manual Integrations
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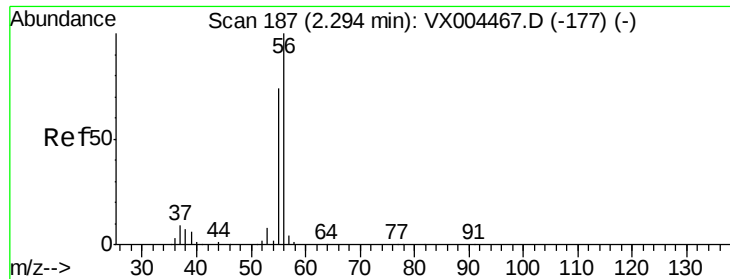
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#12
1,1-Dichloroethene
Concen: 49.51 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion: 96 Resp: 126402
Ion Ratio Lower Upper
96 100
61 175.1 128.8 193.2
98 61.9 52.2 78.2





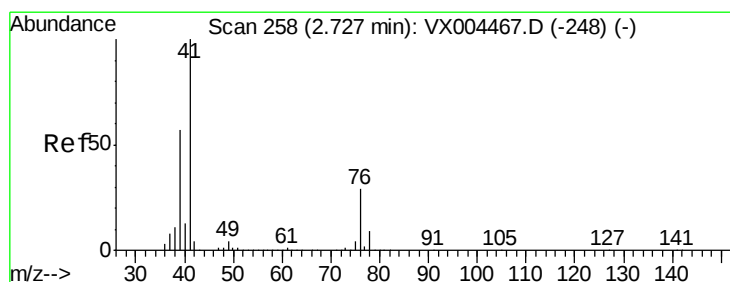
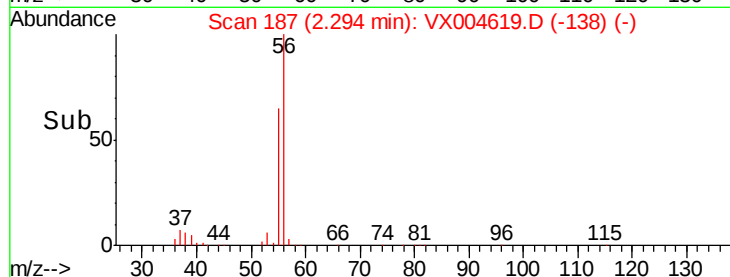
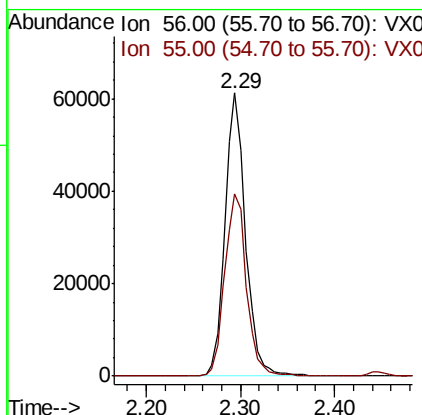
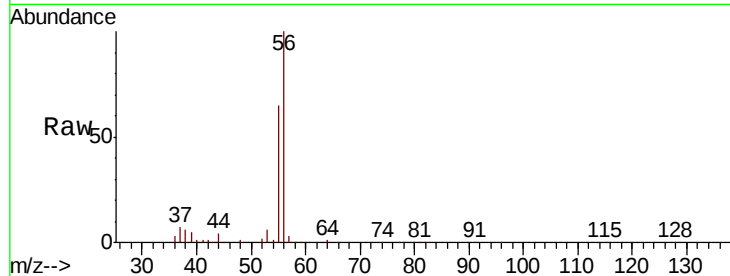
#13
Acrolein
Concen: 310.67 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	54.7	82.1

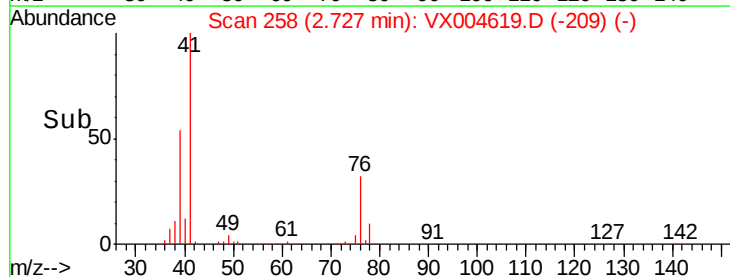
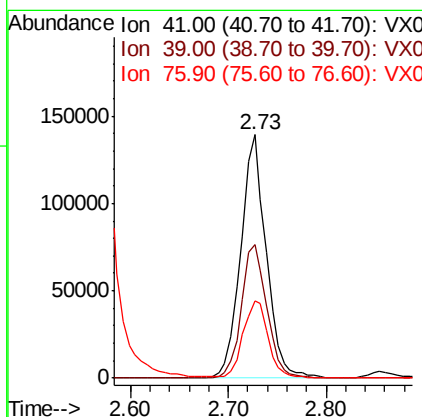
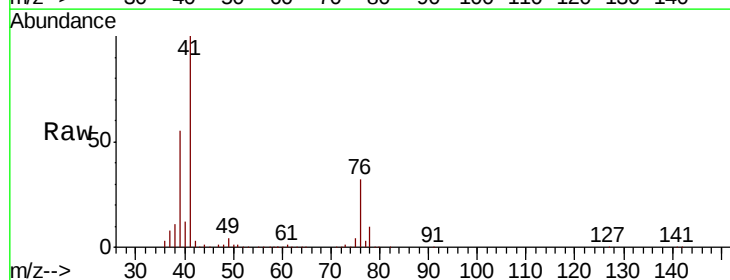
Manual Integrations
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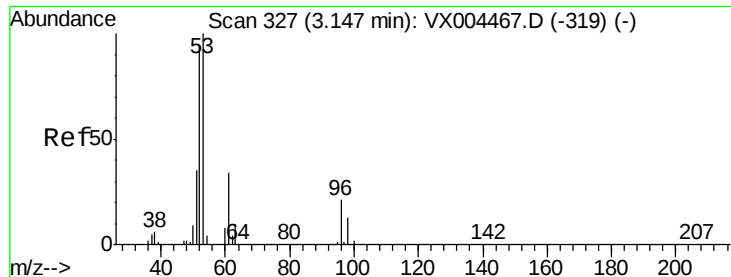
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#14
Allyl chloride
Concen: 47.86 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.8	48.9	73.3
76	31.4	26.7	40.1





#15

Acrylonitrile

Concen: 258.93 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

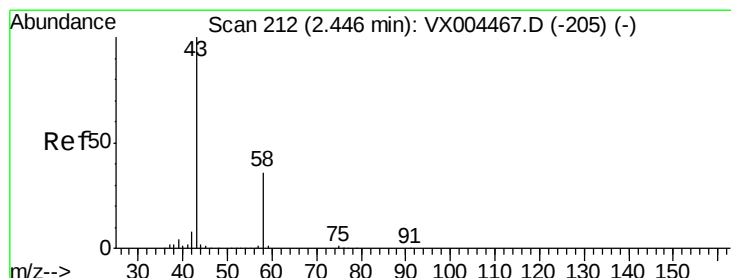
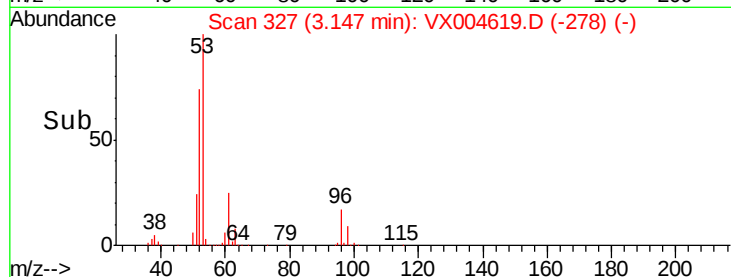
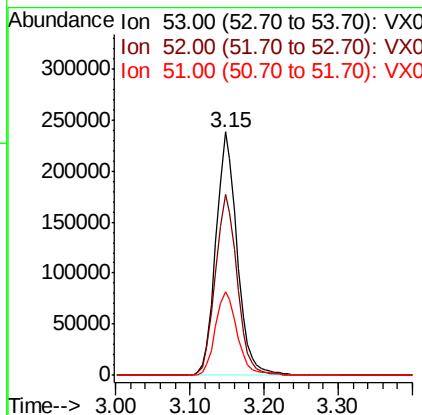
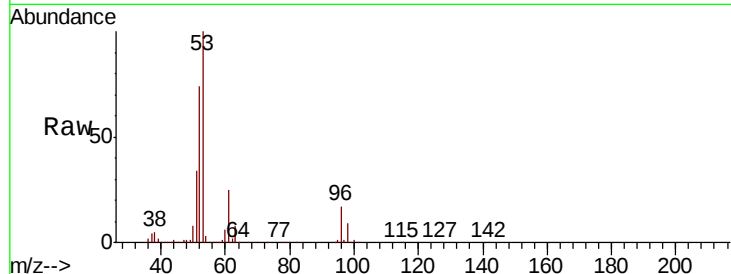
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	468794
Ion	Ratio	Lower	Upper
53	100		
52	76.5	65.2	97.8
51	35.6	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 232.62 ug/l

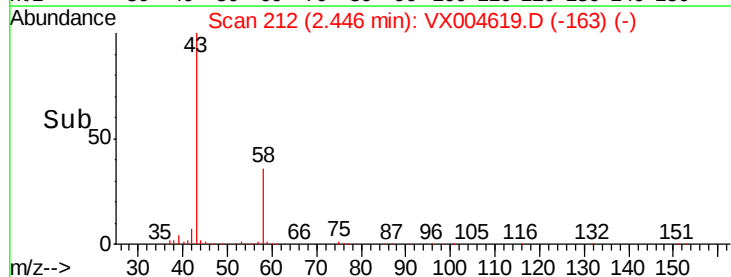
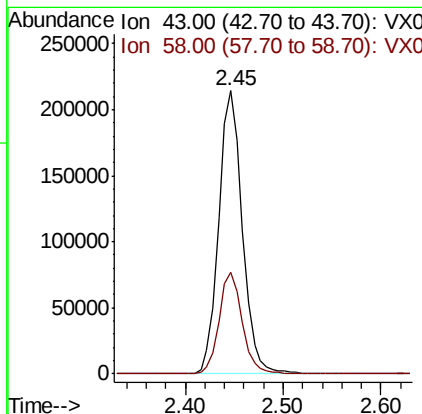
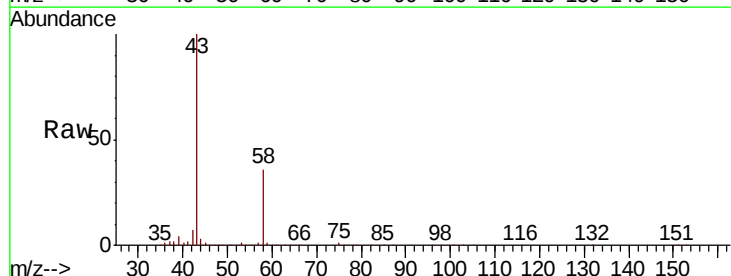
RT: 2.45 min Scan# 212

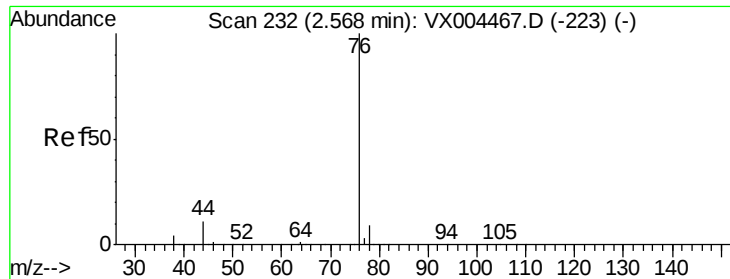
Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion:	43	Resp:	357733
Ion	Ratio	Lower	Upper
43	100		
58	35.9	26.2	39.4





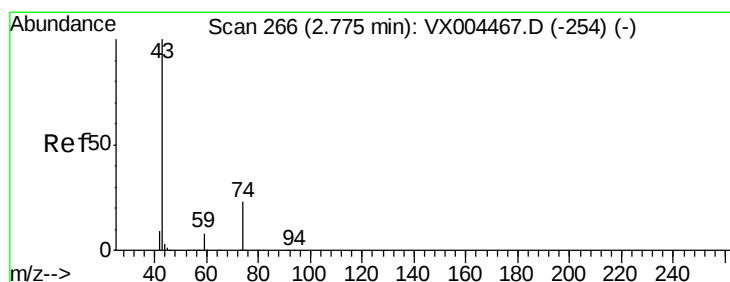
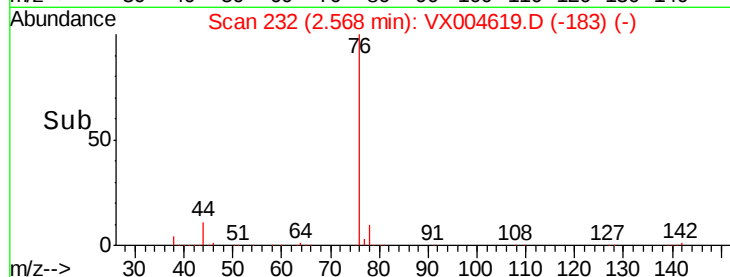
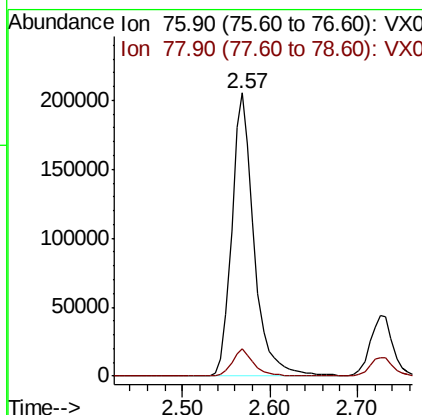
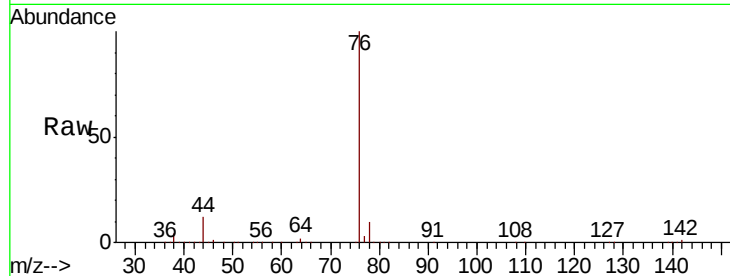
#17
Carbon Disulfide
Concen: 49.26 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

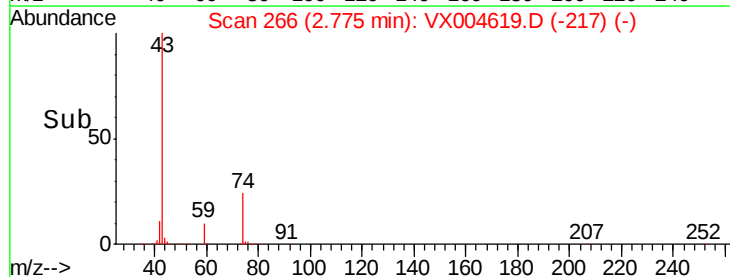
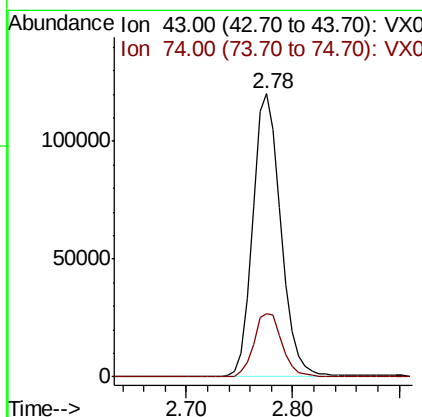
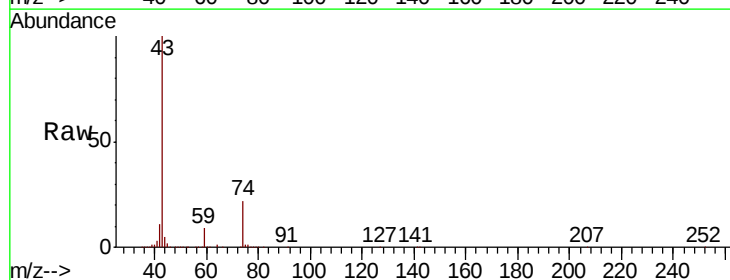
Manual Integrations
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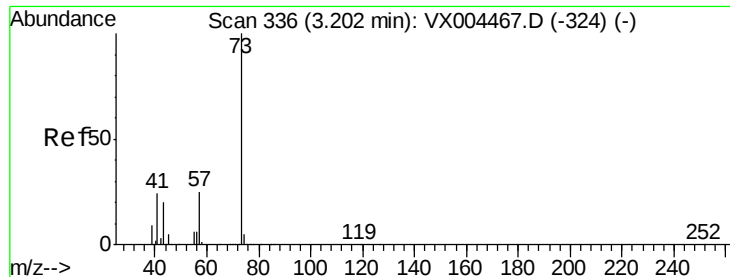
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#18
Methyl Acetate
Concen: 51.31 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.4	29.2





#19

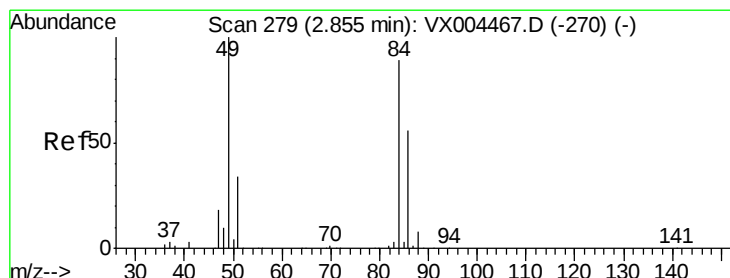
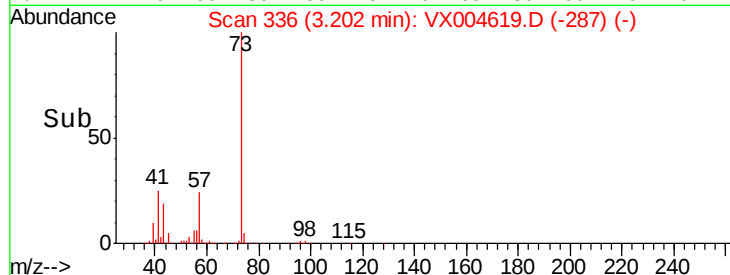
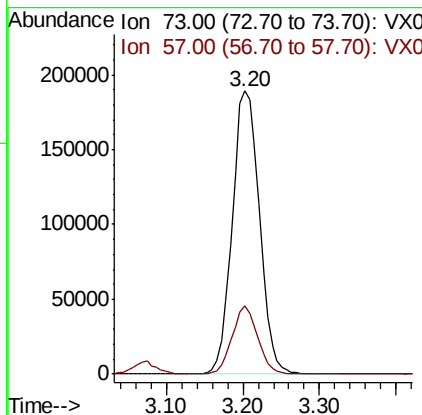
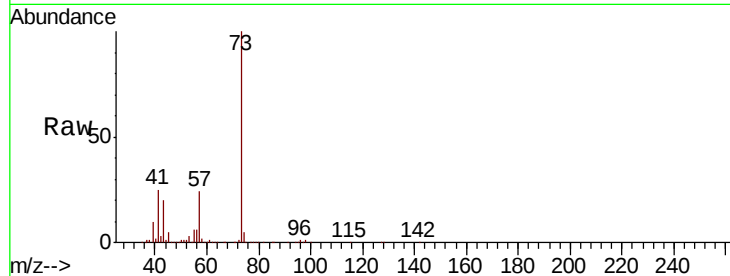
Methyl tert-butyl Ether
 Concen: 52.00 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	17.1	25.7

Manual Integrations
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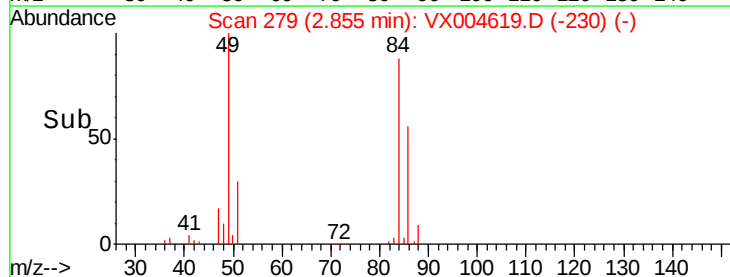
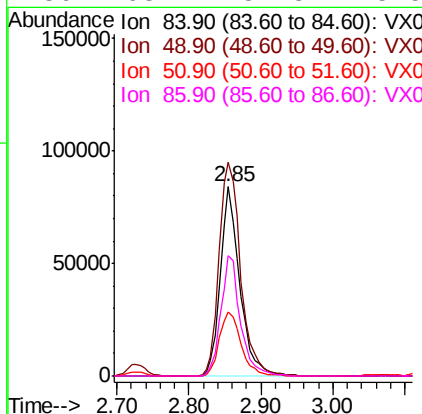
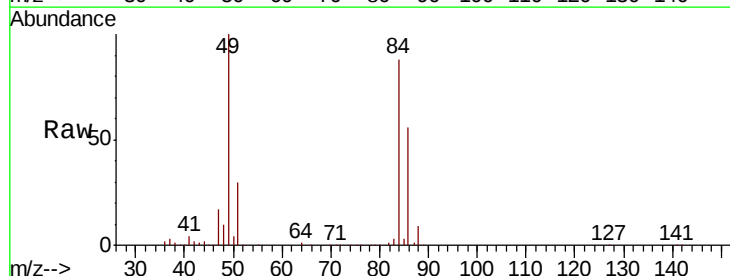
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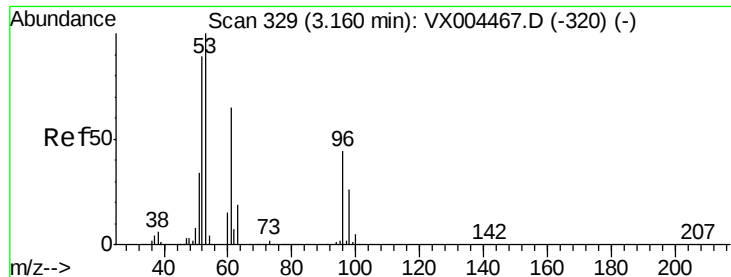


#20

Methylene Chloride
 Concen: 50.03 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.0	101.2	151.8
51	33.7	29.5	44.3
86	63.4	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 52.77 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 148893

Ion Ratio Lower Upper

96 100

61 122.3 113.8 170.6

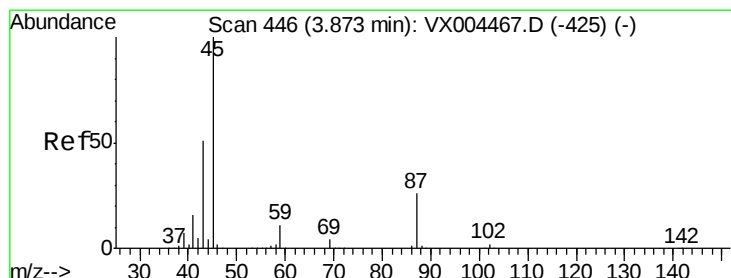
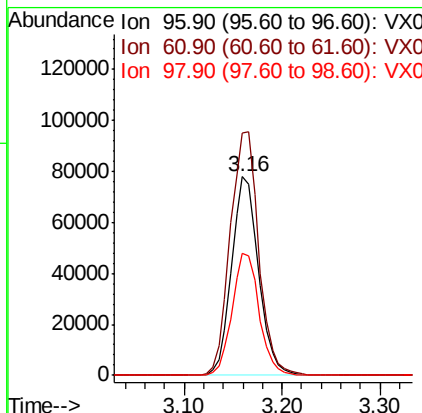
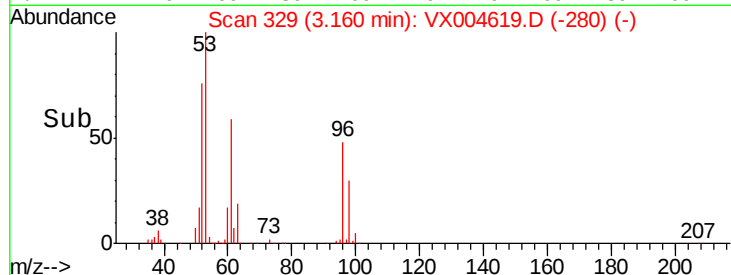
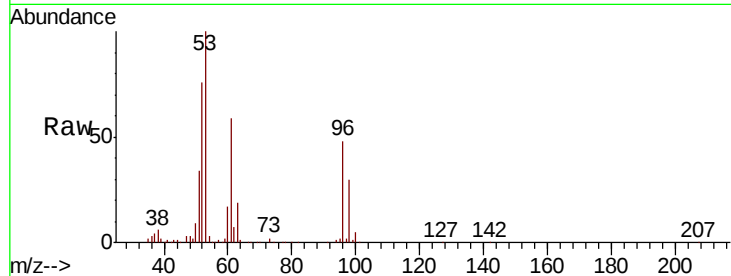
98 61.7 51.8 77.8

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#22

Diisopropyl ether

Concen: 56.02 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion: 45 Resp: 529598

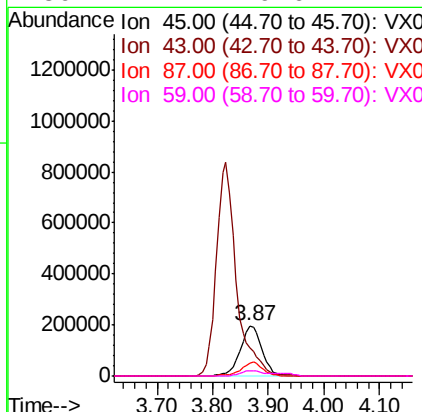
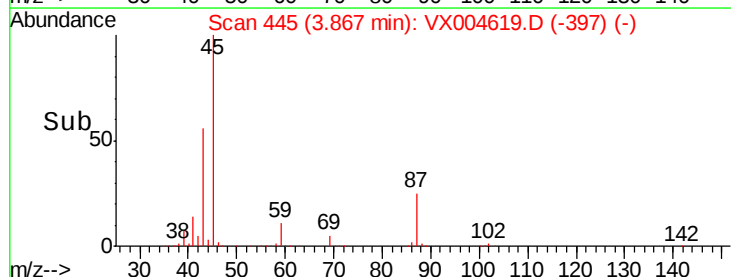
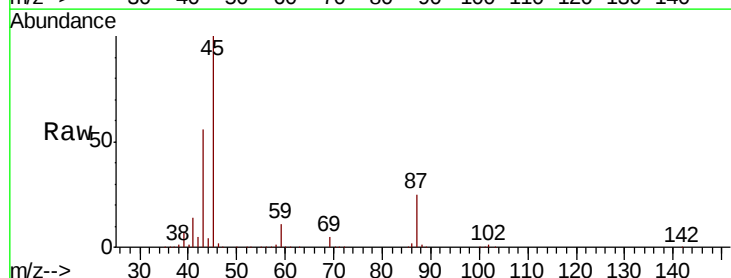
Ion Ratio Lower Upper

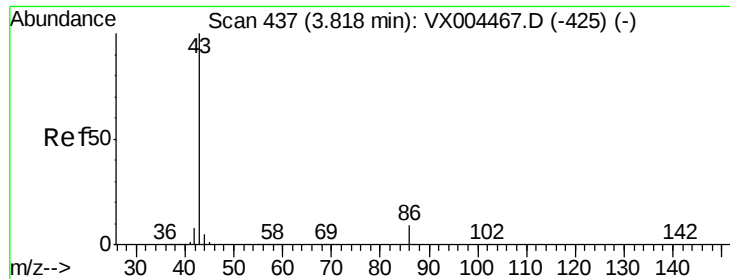
45 100

43 56.4 42.8 64.2

87 24.7 22.6 34.0

59 11.4 9.6 14.4





#23

Vinyl Acetate

Concen: 273.40 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tot Ion: 43 Resp: 2091675

Ion Ratio Lower Upper

43 100

86 9.4 8.9 13.3

Instrument :

MSVOA_X

ClientSampleId :

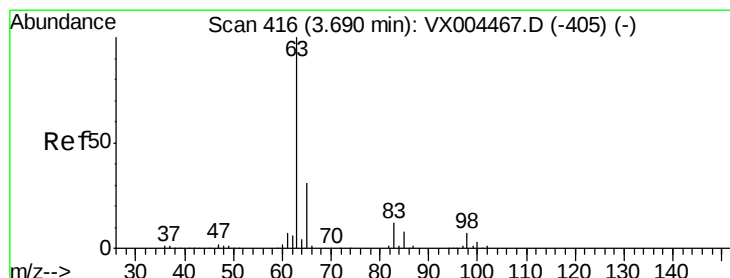
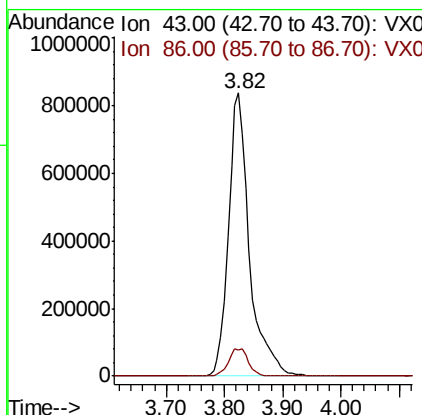
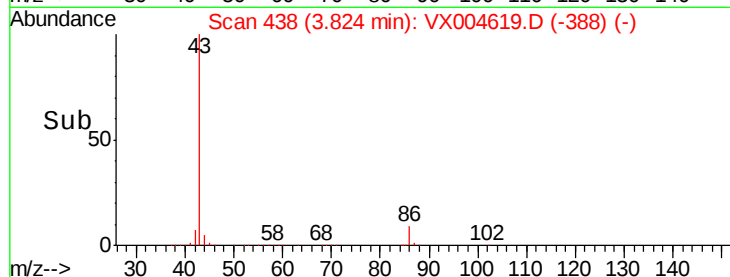
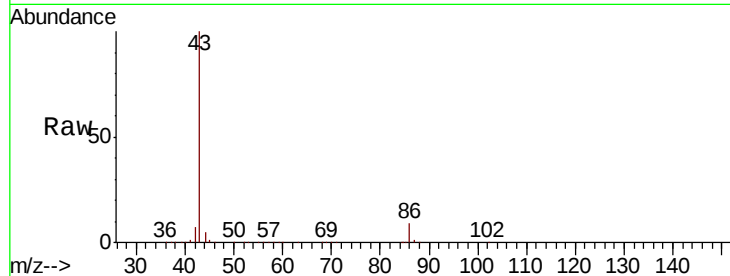
VSTDCCC050EC

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.74 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

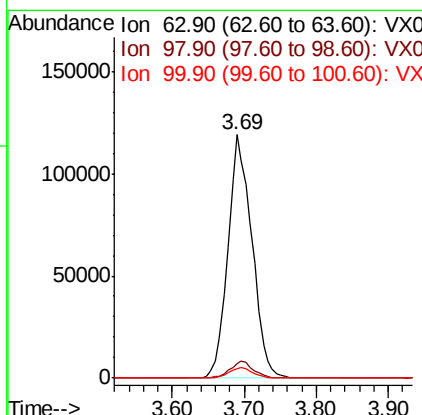
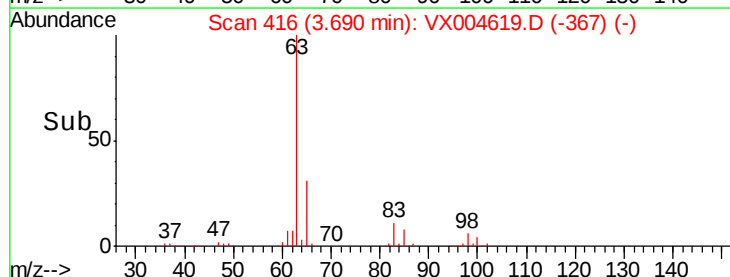
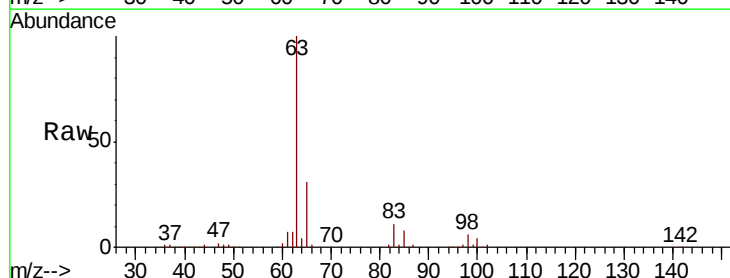
Tgt Ion: 63 Resp: 276190

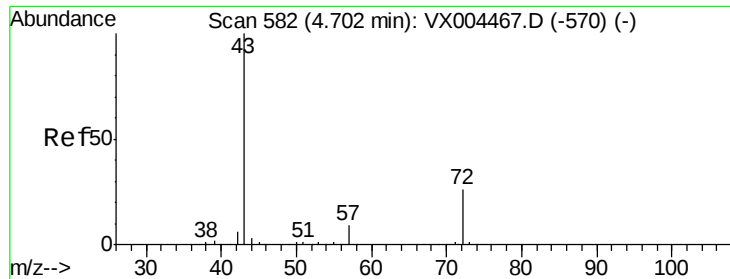
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.4

100 3.7 2.4 7.1





#25

2-Butanone

Concen: 235.34 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 575998

Ion Ratio Lower Upper

43 100

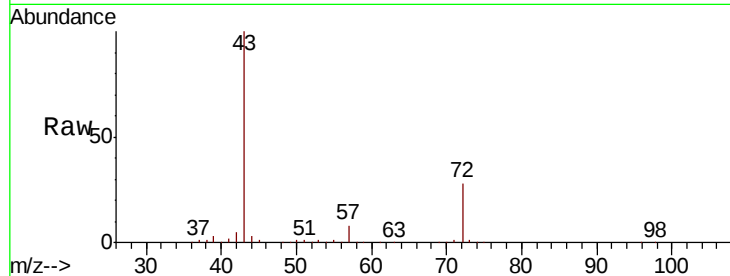
72 27.9 22.0 33.0

Manual Integrations

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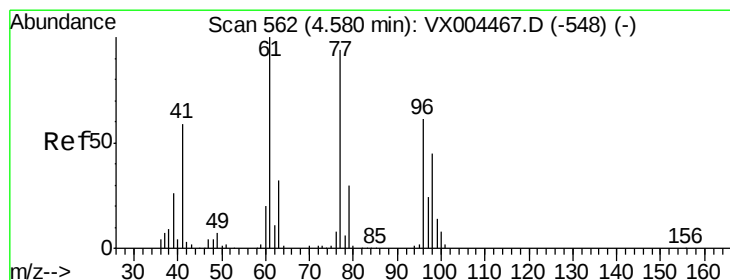
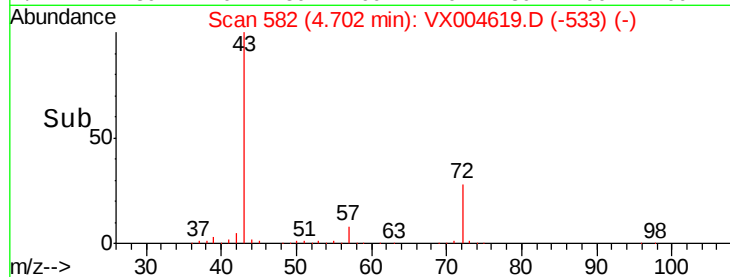
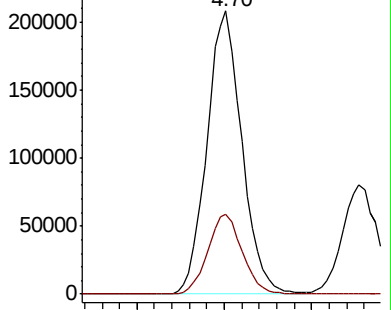
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 30.92 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004619.D

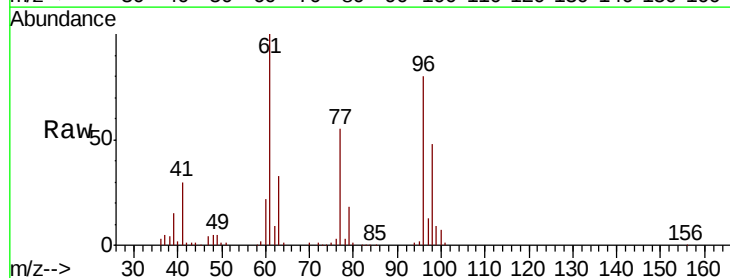
Acq: 16 Sep 2018 07:32

Tgt Ion: 77 Resp: 113371

Ion Ratio Lower Upper

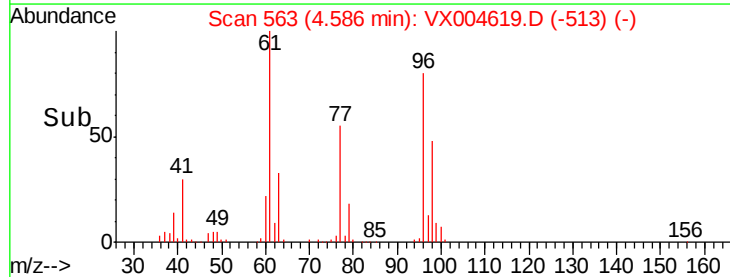
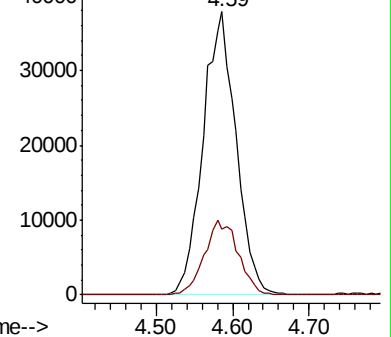
77 100

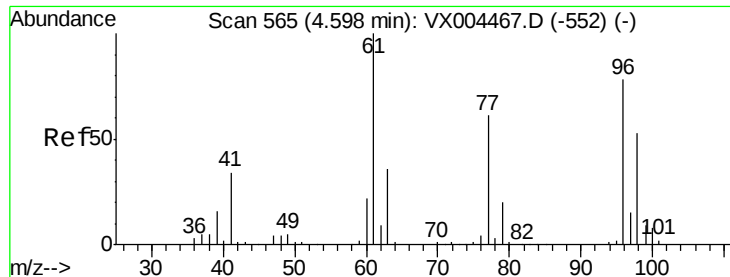
97 27.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 53.62 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 168891

Ion Ratio Lower Upper

96 100

61 132.7 0.0 282.6

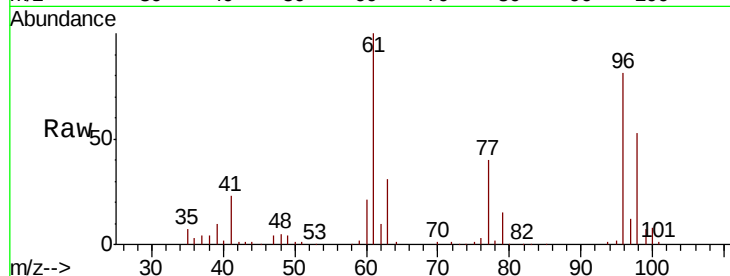
98 62.8 0.0 130.2

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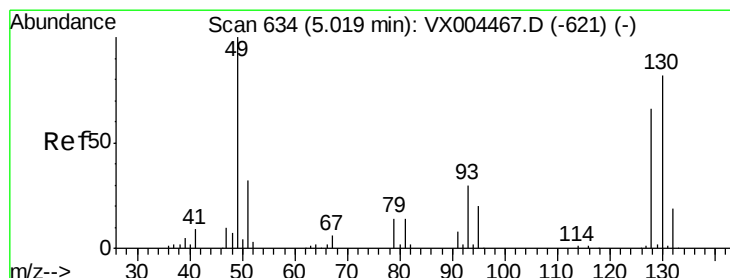
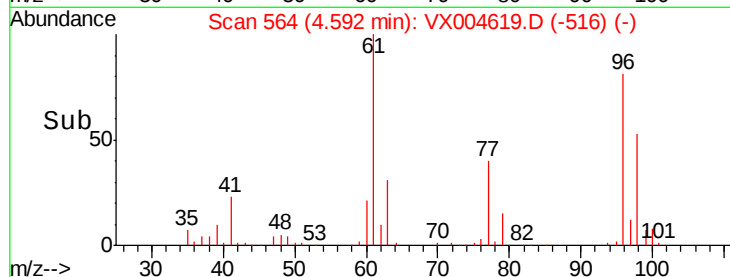
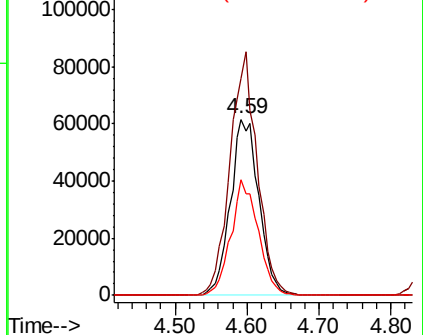
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 54.51 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

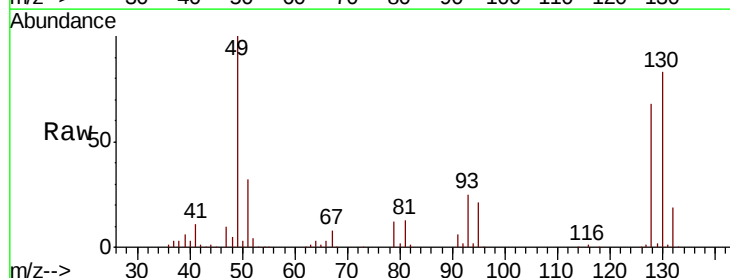
Tgt Ion: 49 Resp: 133080

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

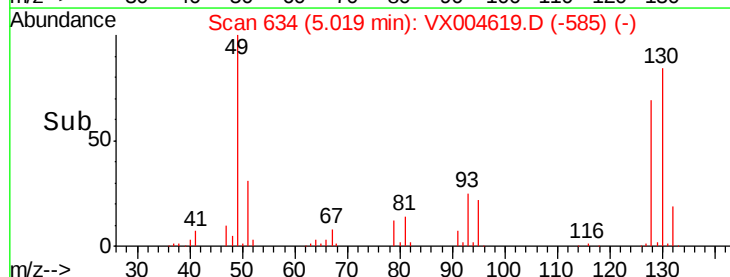
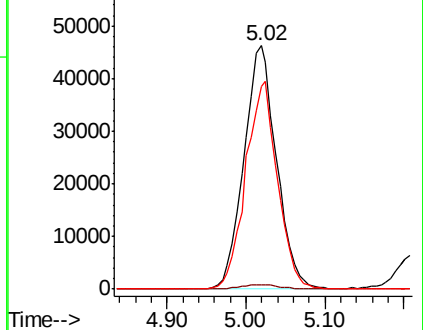
130 83.5 67.5 101.3

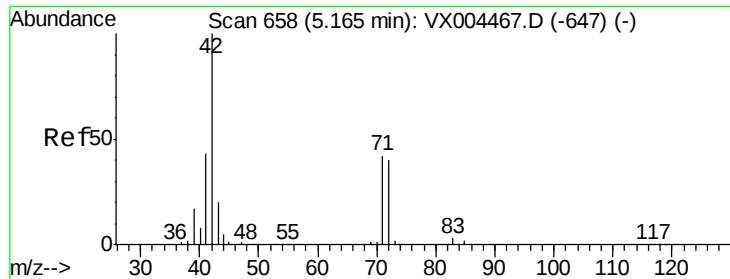


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





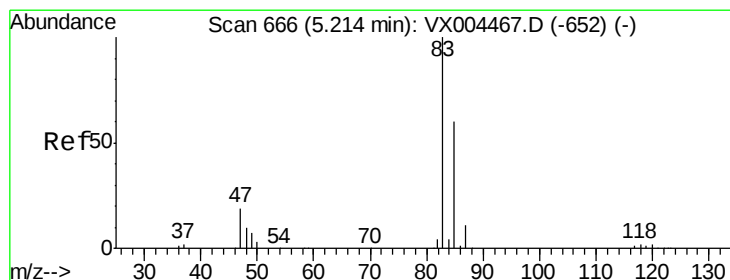
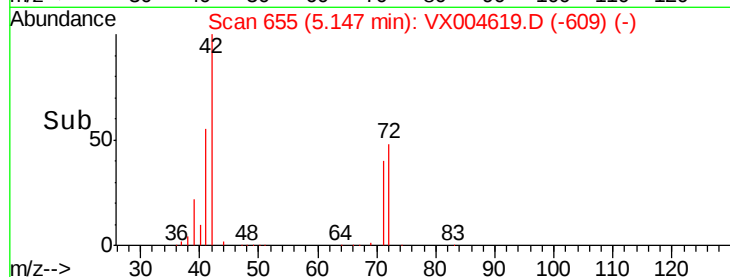
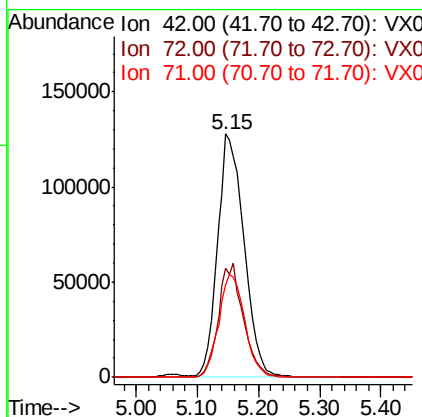
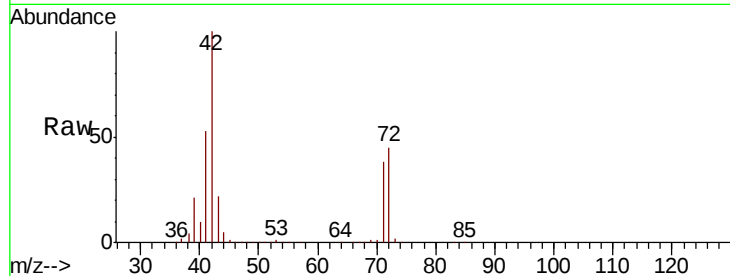
#29
Tetrahydrofuran
Concen: 260.07 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.02 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	37.4	56.0
71	41.7	34.5	51.7

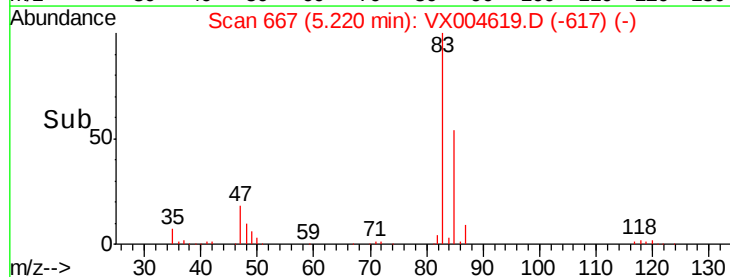
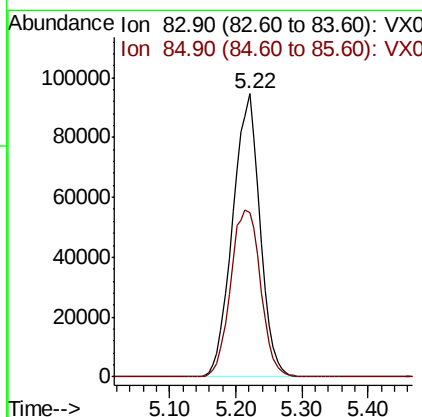
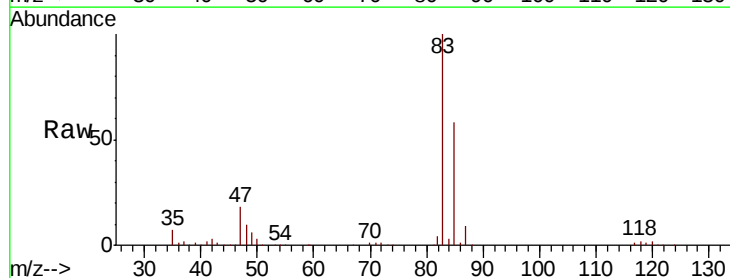
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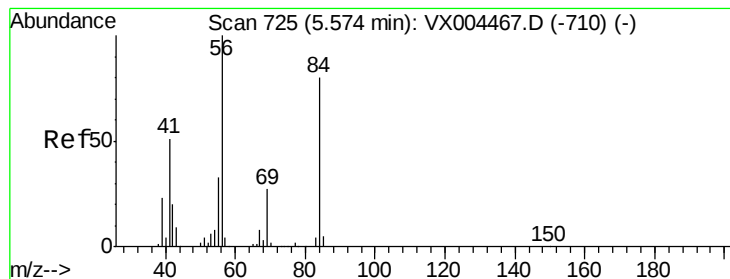
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#30
Chloroform
Concen: 52.10 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.2	52.6	79.0





#31

Cyclohexane

Concen: 47.23 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

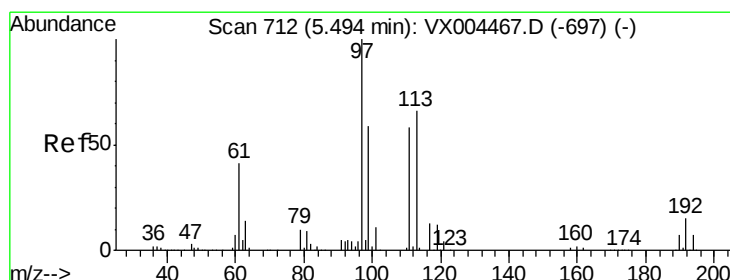
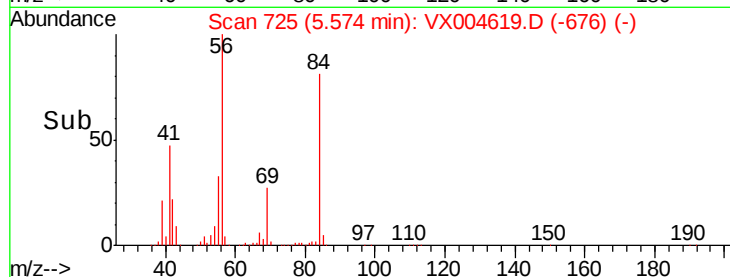
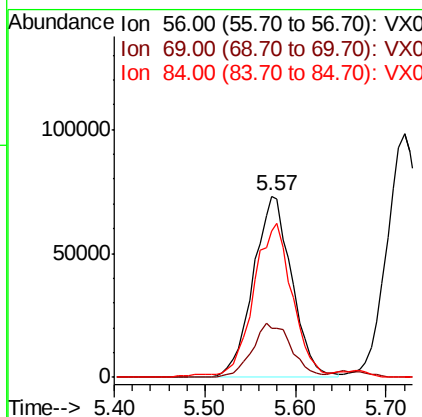
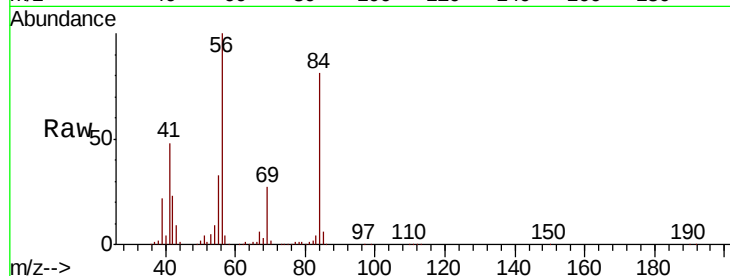
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	215267
Ion	Ratio	Lower	Upper
56	100		
69	26.8	25.4	38.2
84	80.0	71.4	107.2

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#32

1,1,1-Trichloroethane

Concen: 50.49 ug/l

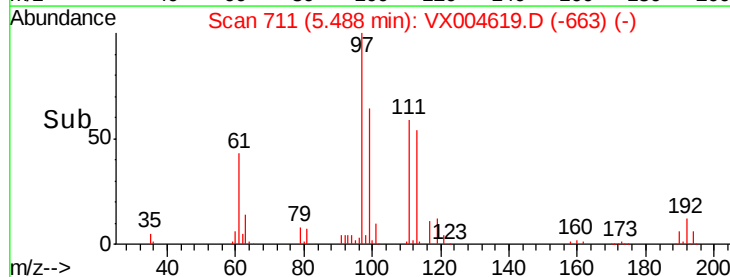
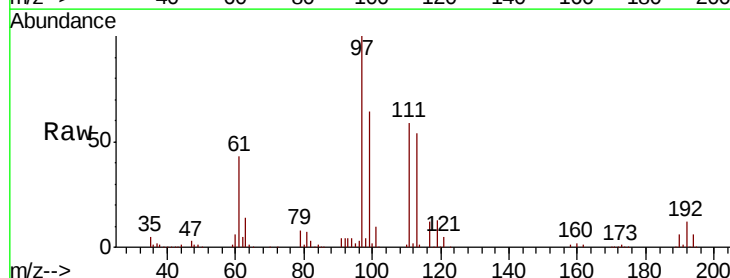
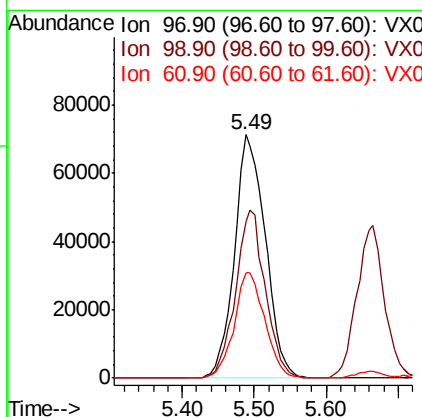
RT: 5.49 min Scan# 711

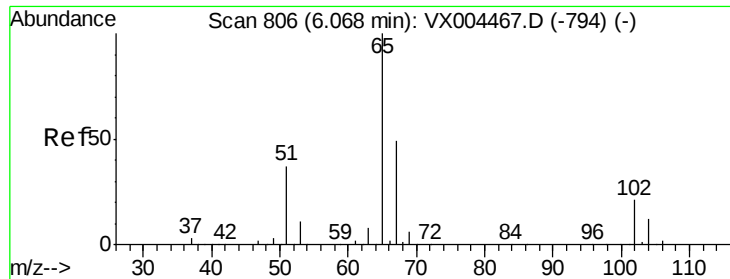
Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion:	97	Resp:	211905
Ion	Ratio	Lower	Upper
97	100		
99	66.4	52.0	78.0
61	43.0	34.9	52.3





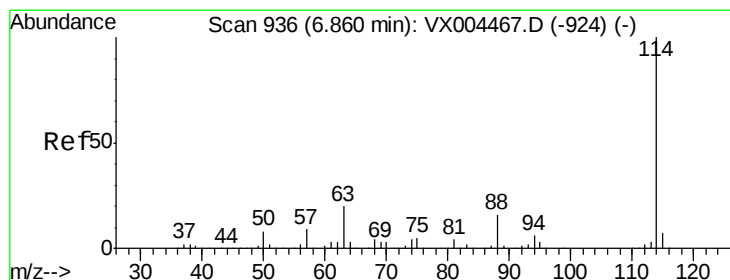
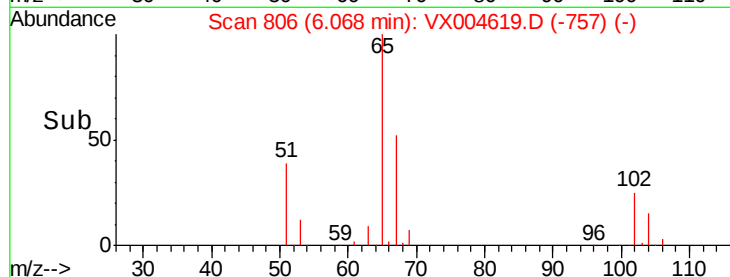
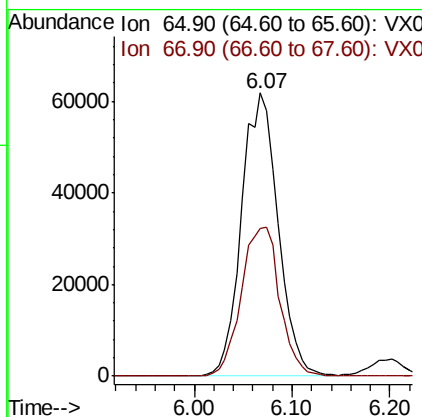
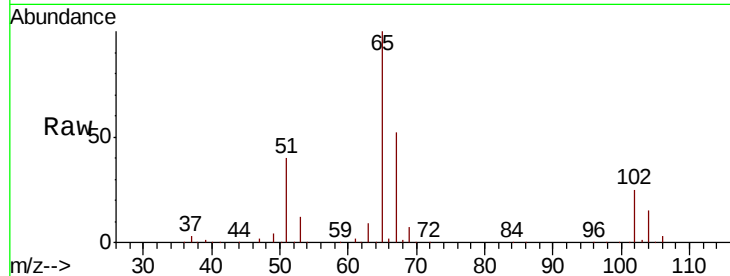
#33
 1,2-Dichloroethane-d4
 Concen: 51.06 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	106.8

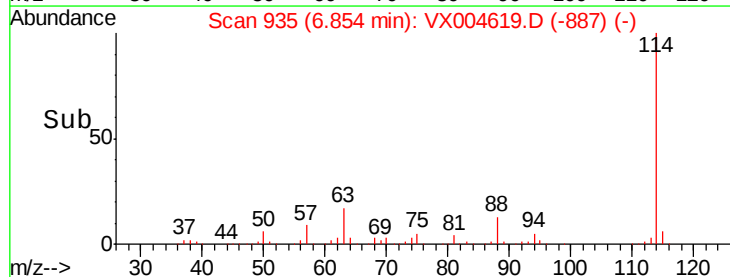
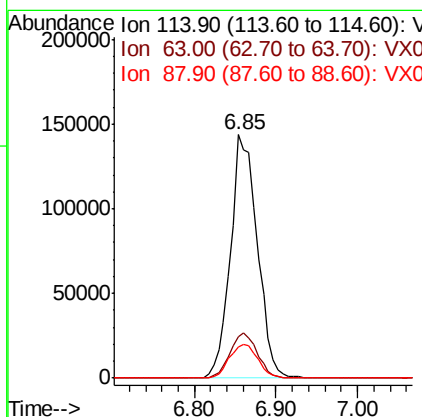
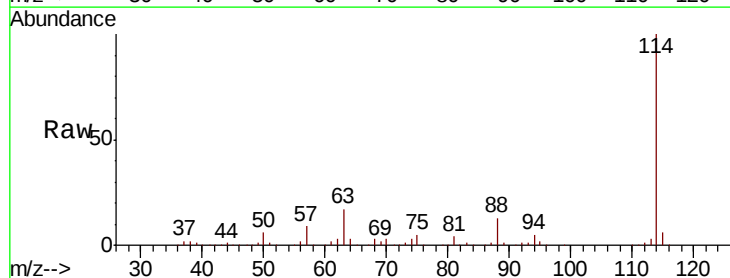
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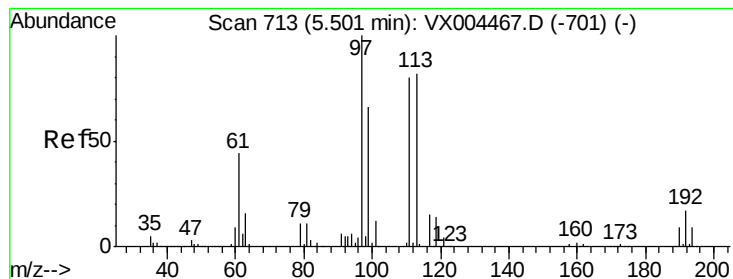
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	39.0
88	12.9	0.0	30.4





#35

Dibromofluoromethane

Concen: 48.67 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

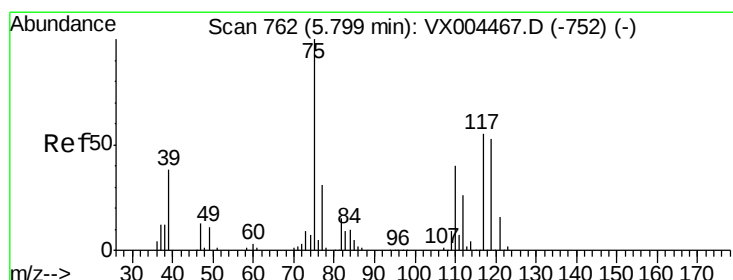
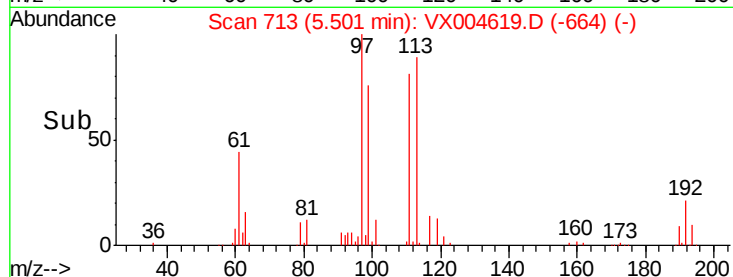
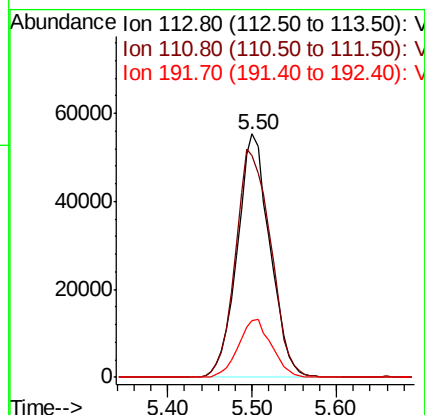
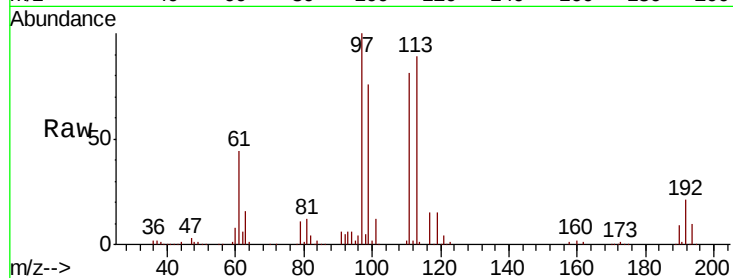
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	145074
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	24.0	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 46.68 ug/l

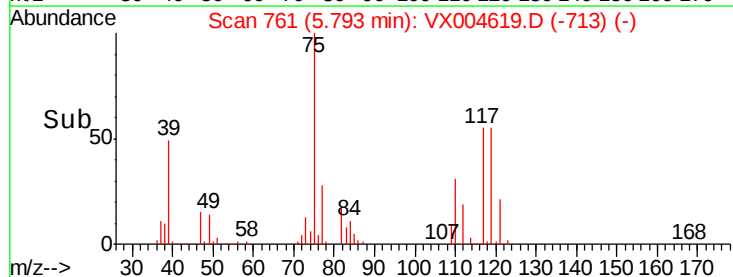
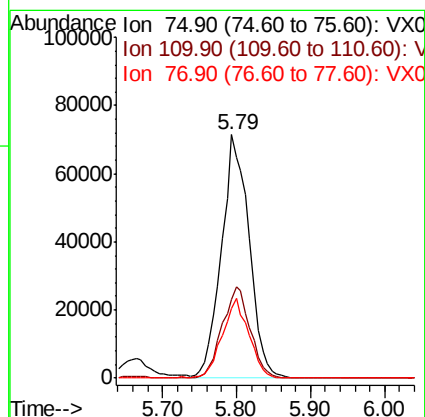
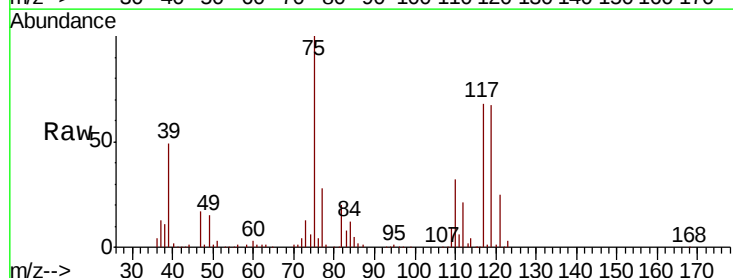
RT: 5.79 min Scan# 761

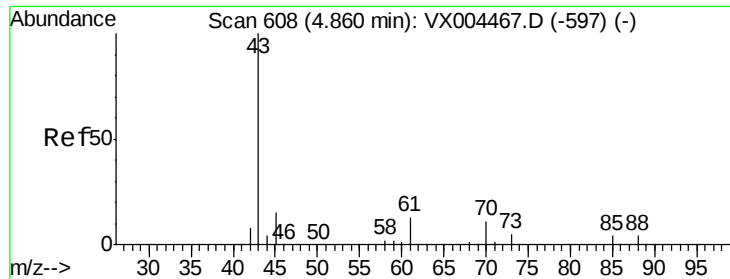
Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion:	75	Resp:	184618
Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.0	54.0
77	31.5	24.6	36.8





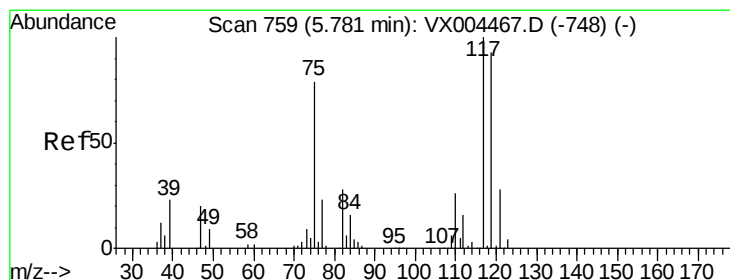
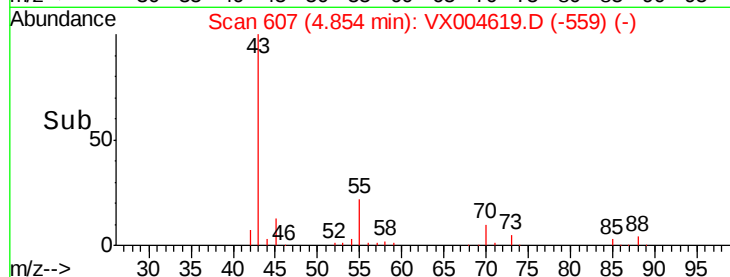
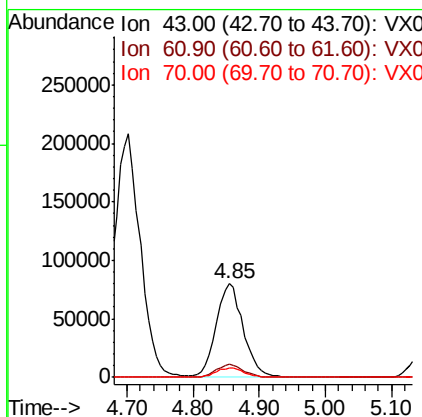
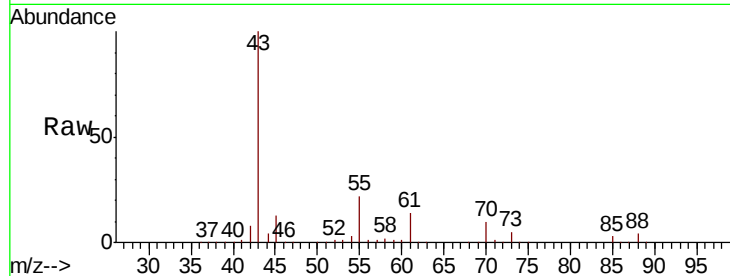
#37
Ethyl Acetate
Concen: 50.53 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	227279
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.5	17.3
70	10.4	9.0	13.6

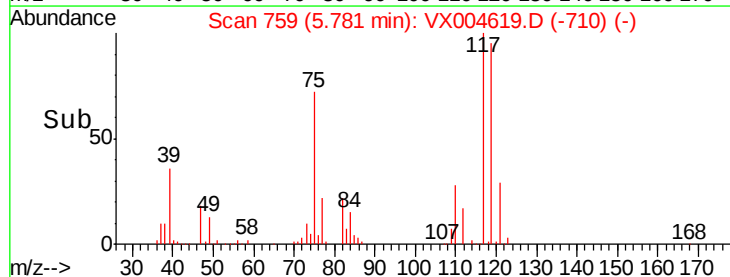
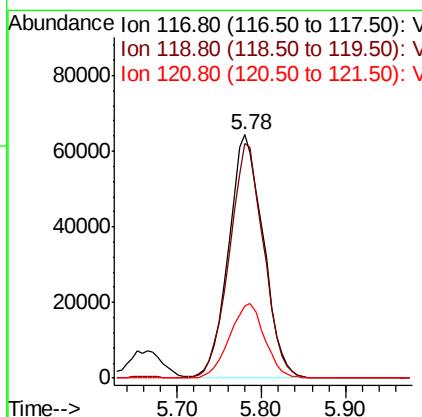
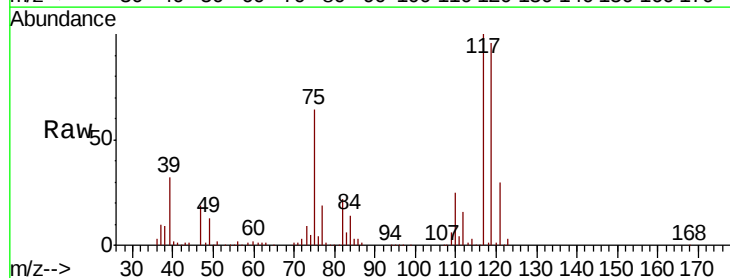
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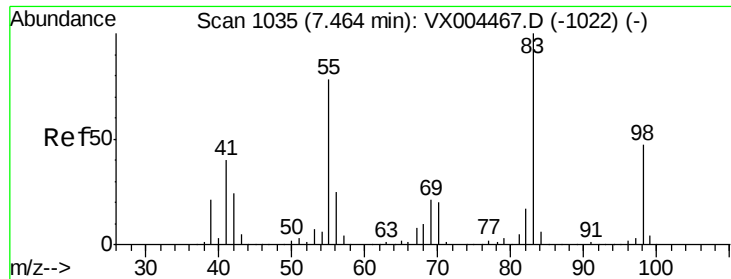
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#38
Carbon Tetrachloride
Concen: 46.50 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion:	117	Resp:	179626
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.8	118.2
121	29.7	24.9	37.3





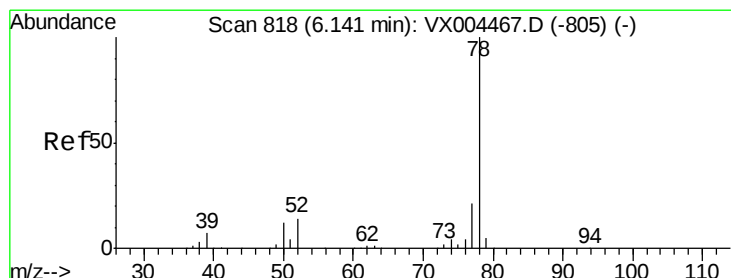
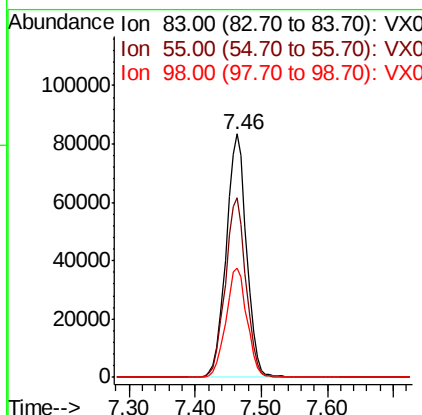
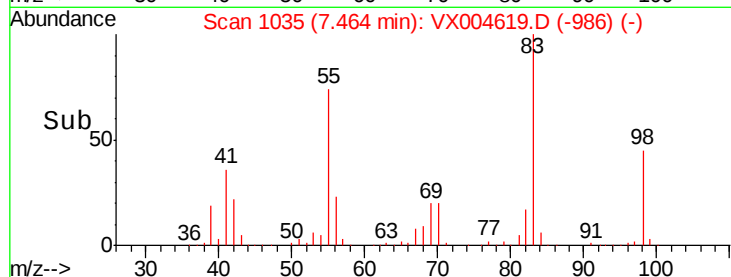
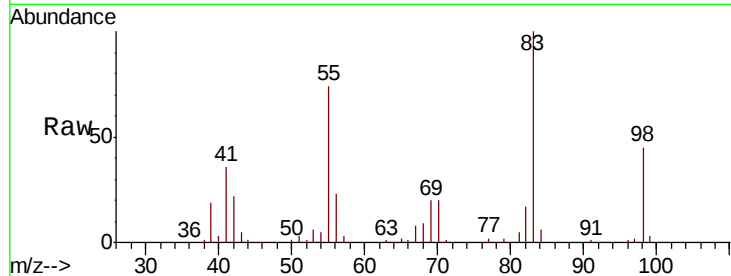
#39
Methylvlcyclohexane
Concen: 43.20 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	61.0	91.4
98	44.9	39.6	59.4

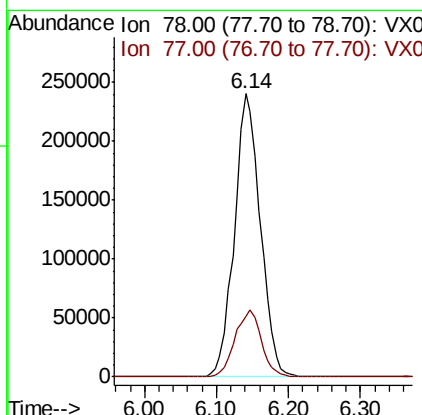
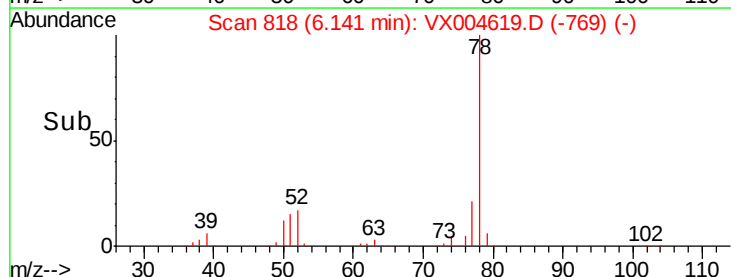
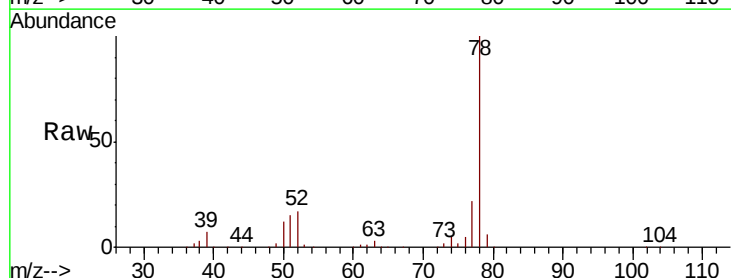
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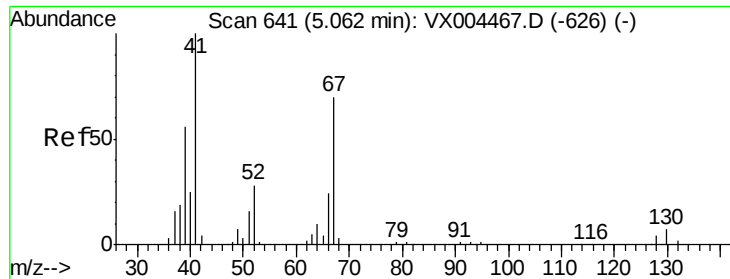
MMDadoda
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#40
Benzene
Concen: 51.16 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.6	19.0	28.4





#41

Methacrylonitrile

Concen: 49.38 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

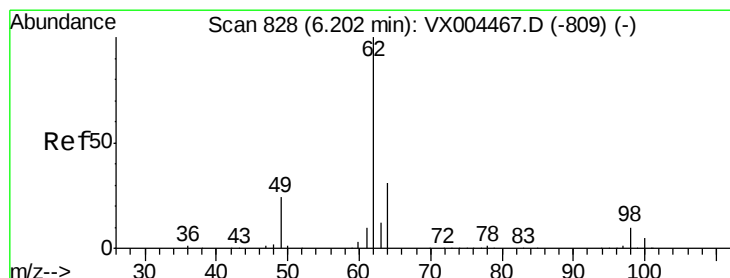
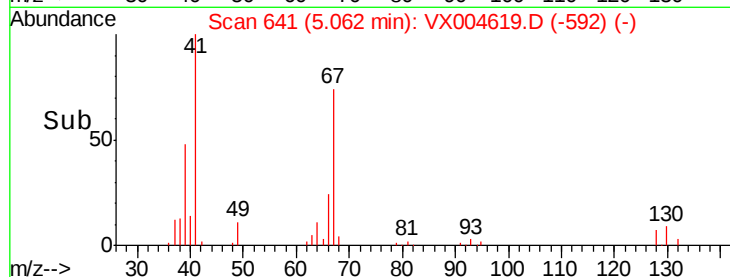
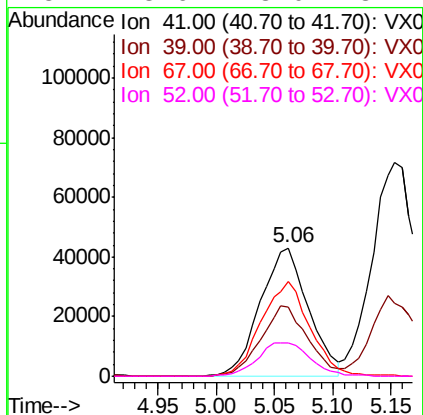
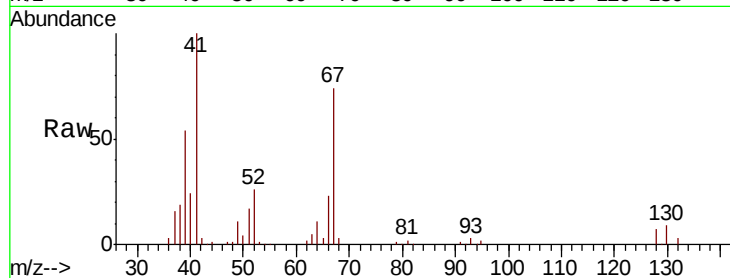
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	42.4	63.6	
67	75.2	59.2	88.8	
52	28.6	23.0	34.4	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.85 ug/l

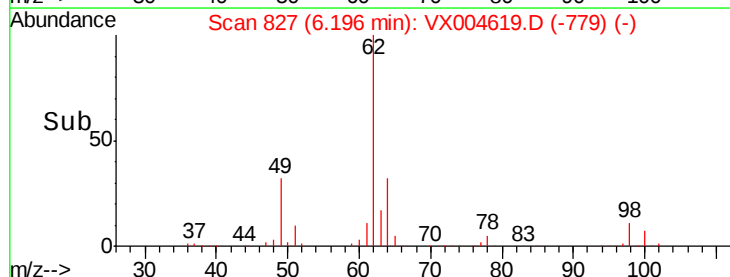
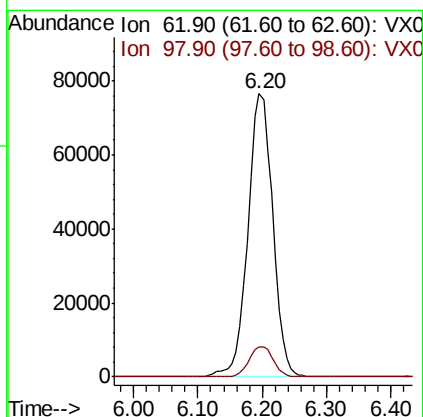
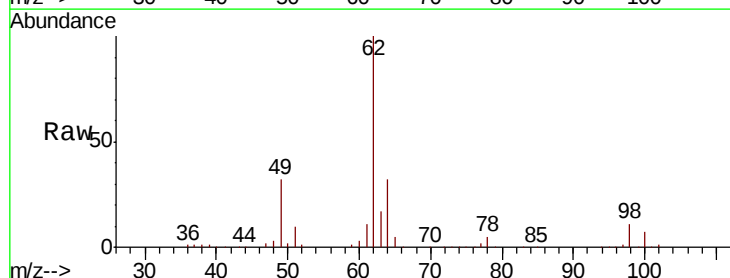
RT: 6.20 min Scan# 827

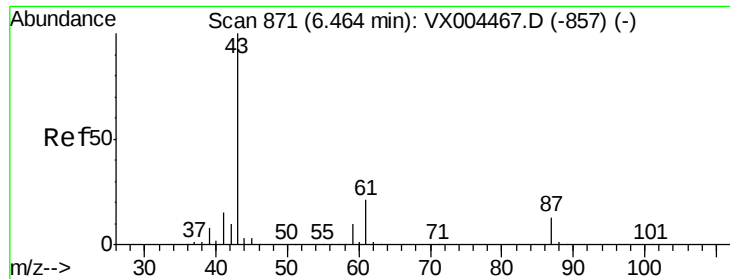
Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.6	





#43

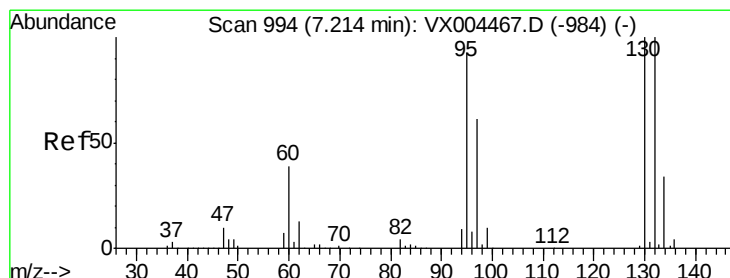
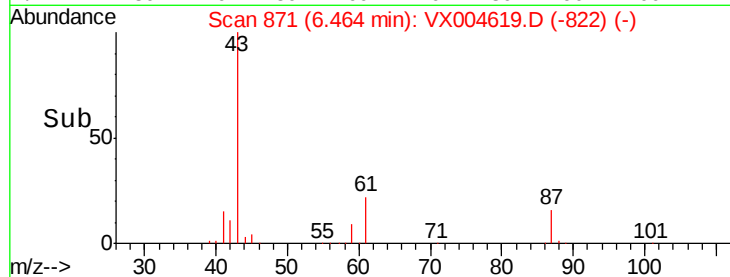
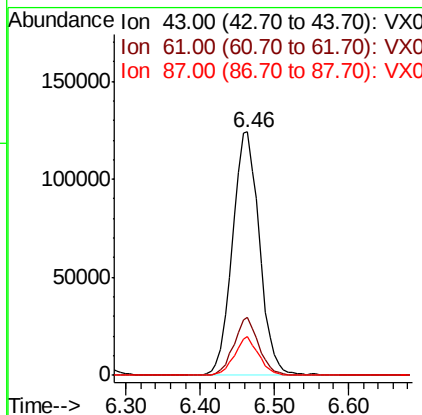
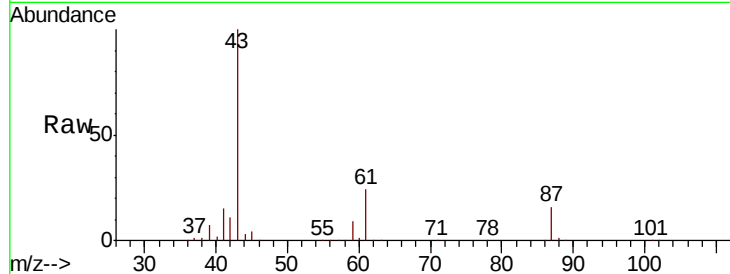
Isopropyl Acetate
 Concen: 52.77 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.0	25.4
87	14.3	11.4	17.2

Manual Integrations
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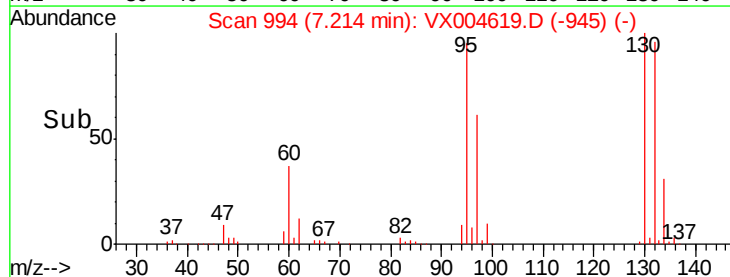
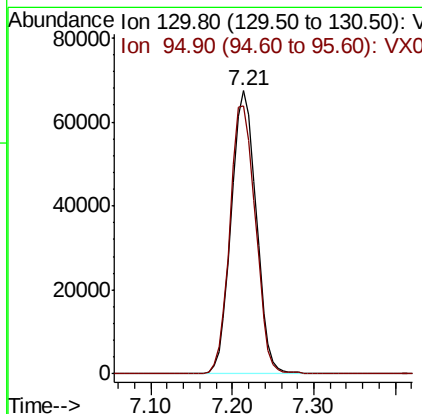
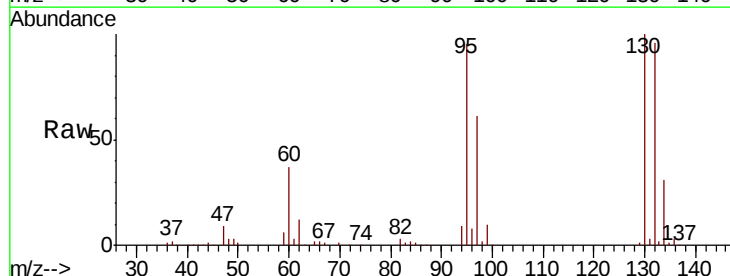
MMDadoda
 9/17/2018 6:27:29 PM

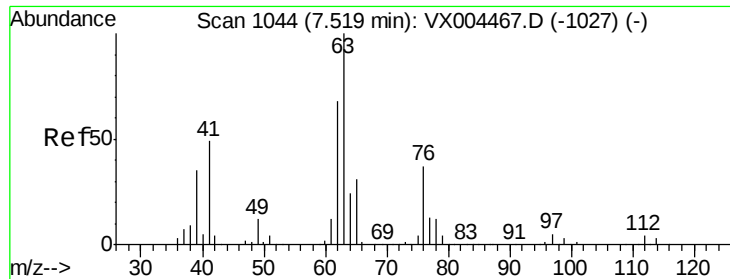


#44

Trichloroethene
 Concen: 46.68 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	181.6





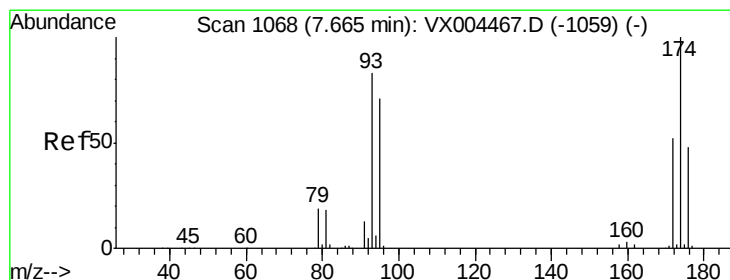
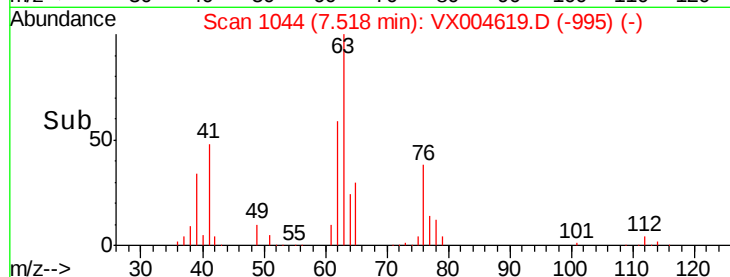
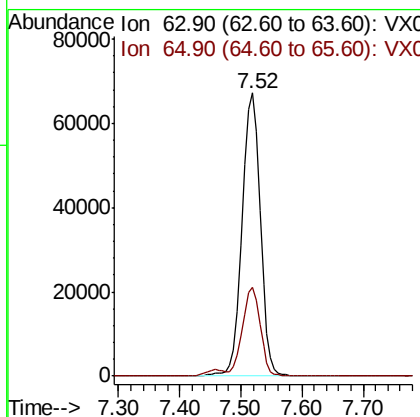
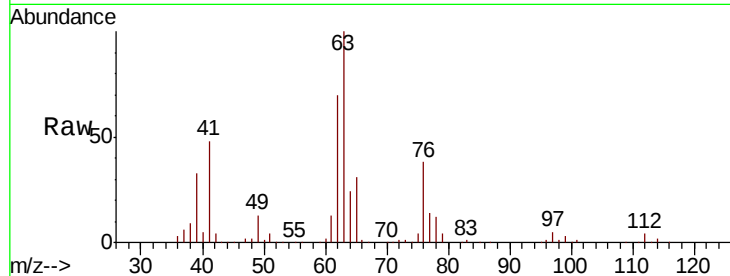
#45
 1,2-Dichloropropane
 Concen: 49.03 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.3	36.5

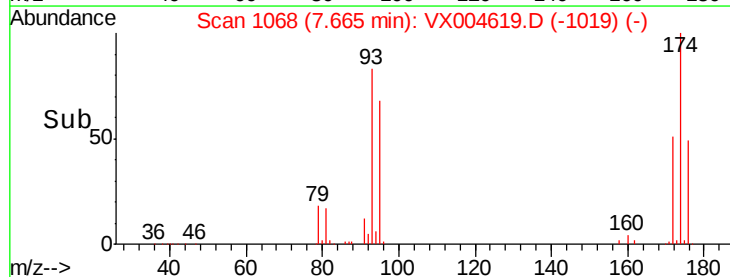
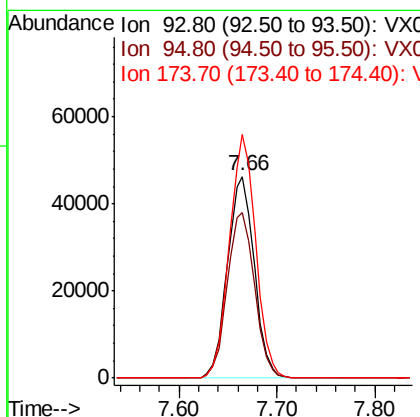
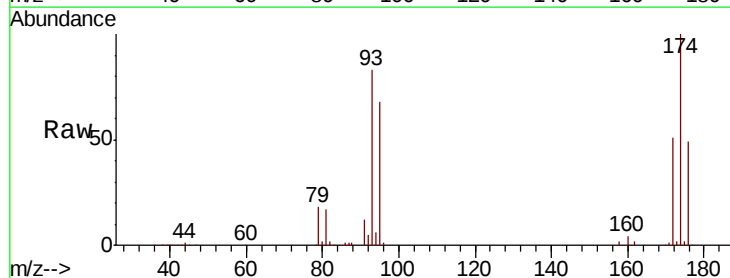
Manual Integrations
 APPROVED

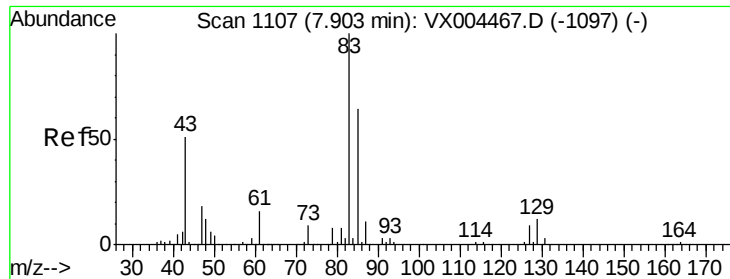
MMDadoda
 9/17/2018 6:27:29 PM



#46
 Dibromomethane
 Concen: 49.34 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.5	98.3
174	118.8	94.2	141.4





#47

Bromodichloromethane

Concen: 49.36 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

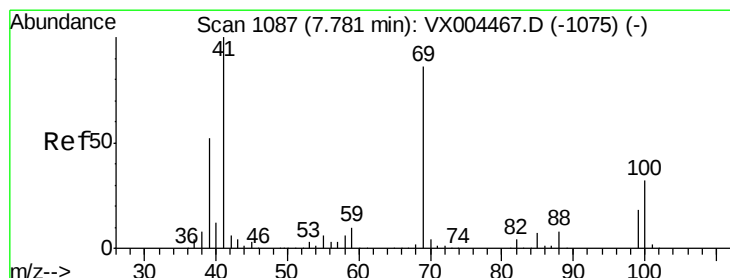
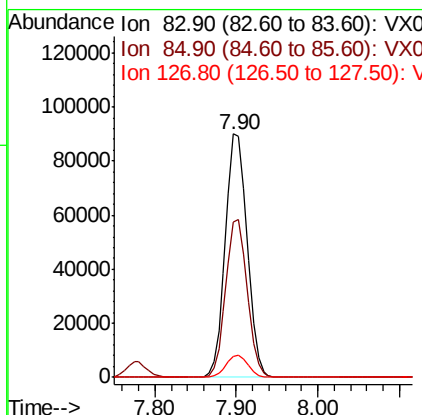
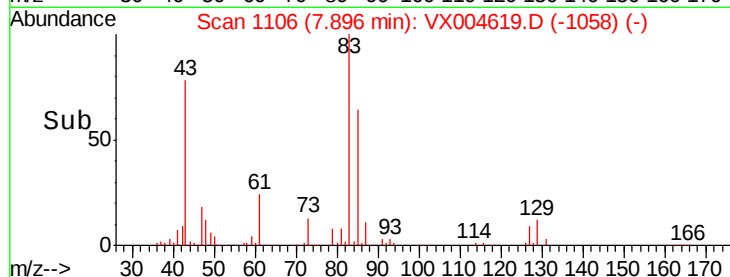
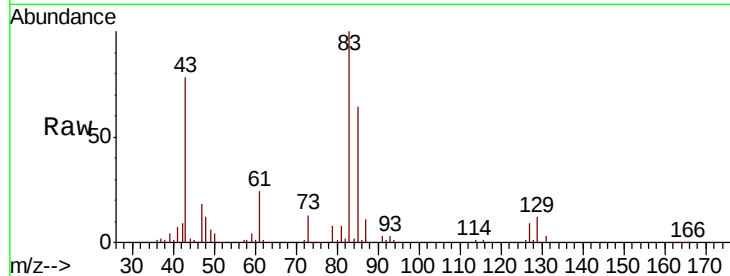
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	166506
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.9	76.3
127	8.7	7.3	10.9

Manual Integrations
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9/17/2018 6:27:29 PM



#48

Methyl methacrylate

Concen: 50.63 ug/l

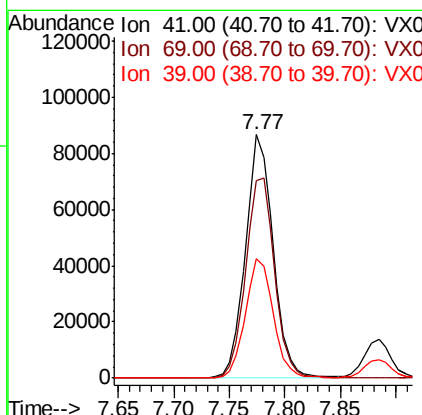
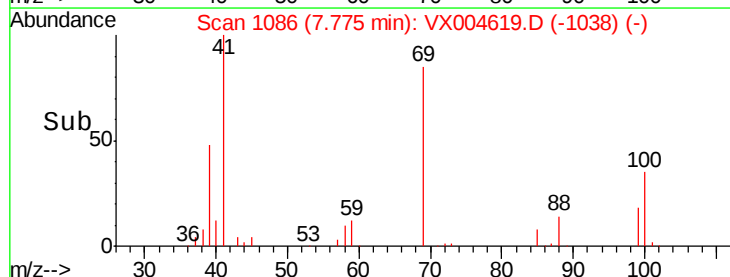
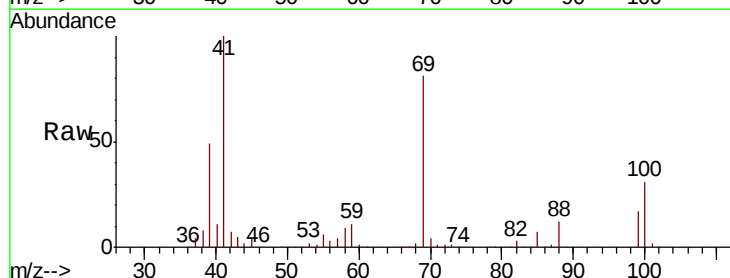
RT: 7.77 min Scan# 1086

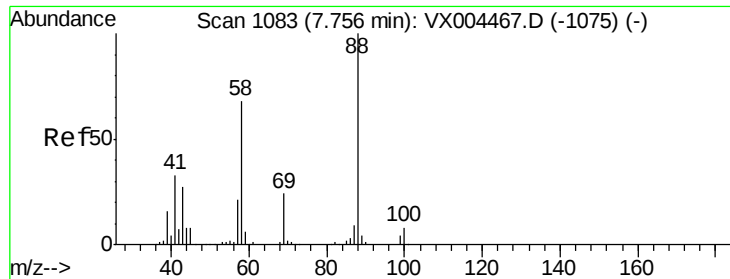
Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion:	41	Resp:	149697
Ion Ratio	Lower	Upper	
41	100		
69	86.6	70.2	105.4
39	49.9	42.7	64.1





#49

1,4-Dioxane

Concen: 1016.04 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

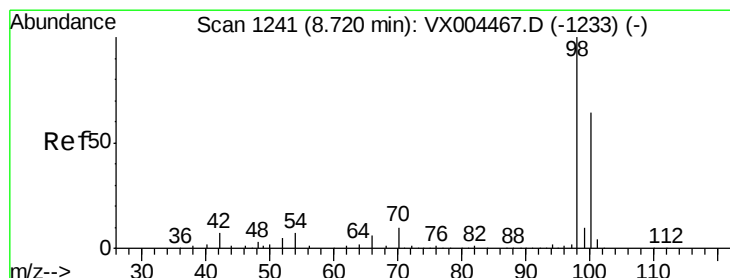
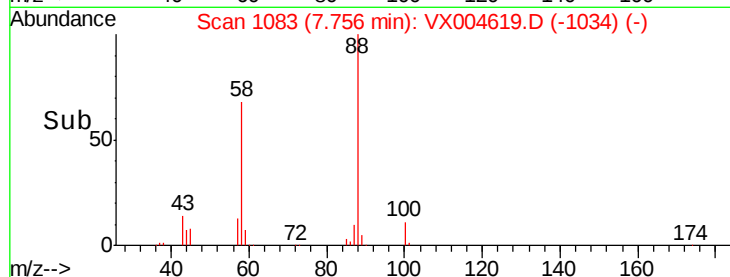
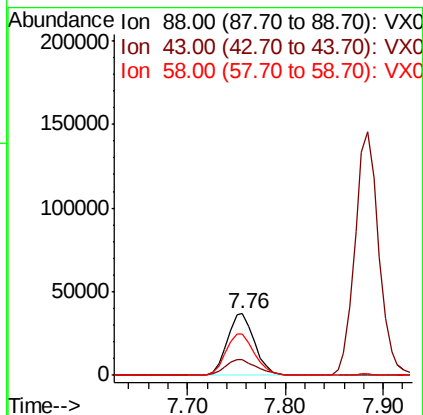
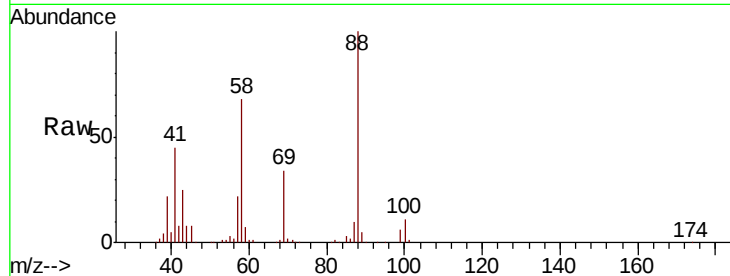
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	71101
Ion	Ratio	Lower	Upper
88	100		
43	29.2	24.7	37.1
58	70.7	55.3	82.9

Manual Integrations
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#50

Toluene-d8

Concen: 44.66 ug/l

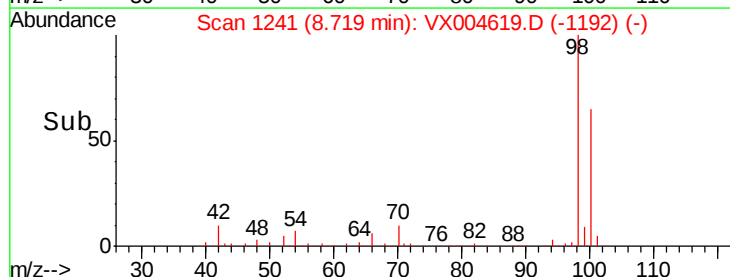
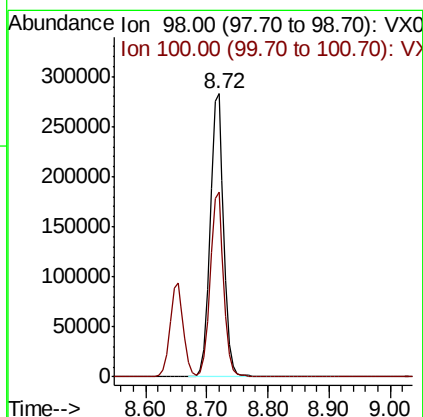
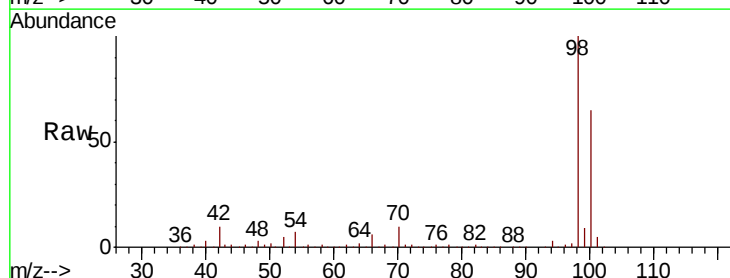
RT: 8.72 min Scan# 1241

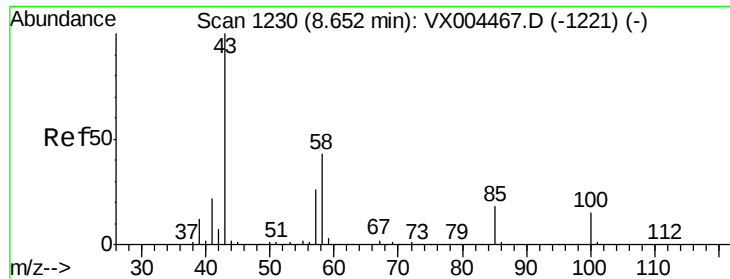
Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion:	98	Resp:	446434
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 225.36 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 950138

Ion Ratio Lower Upper

43 100

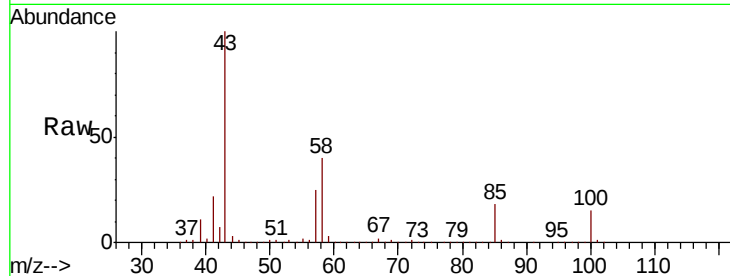
58 40.4 33.1 49.7

Manual Integrations

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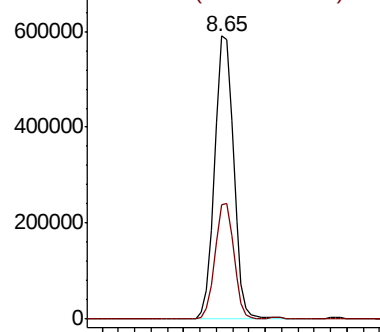
MMDadoda

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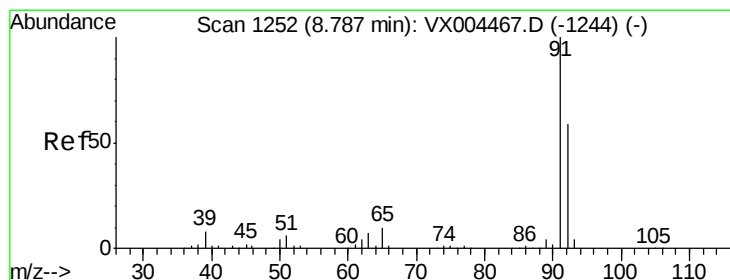
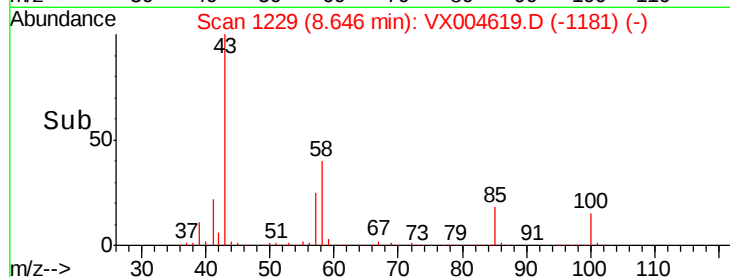


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 45.69 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004619.D

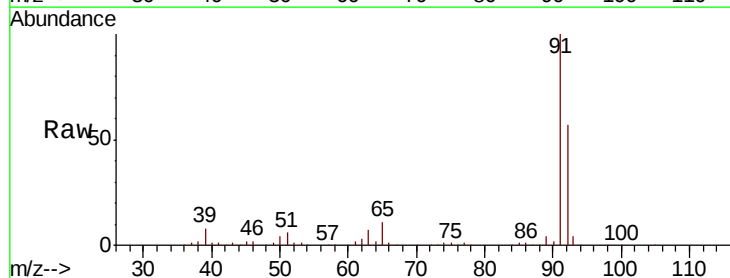
Acq: 16 Sep 2018 07:32

Tgt Ion: 92 Resp: 315891

Ion Ratio Lower Upper

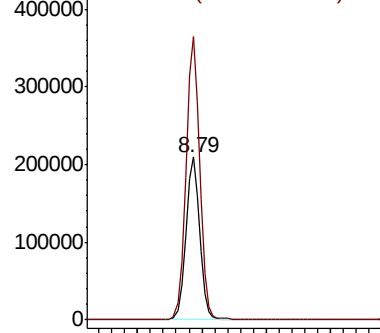
92 100

91 173.8 136.4 204.6

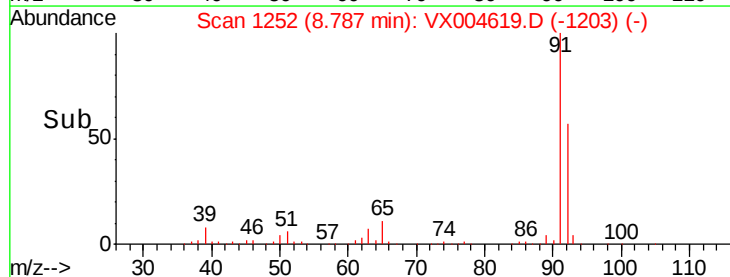


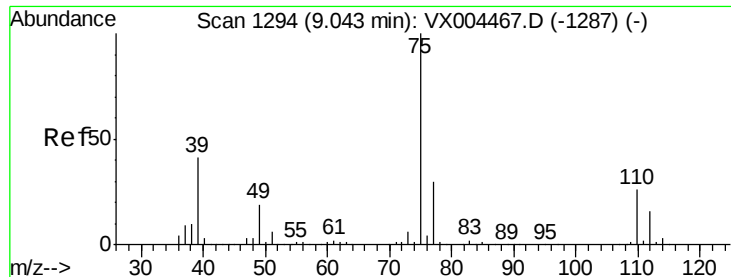
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





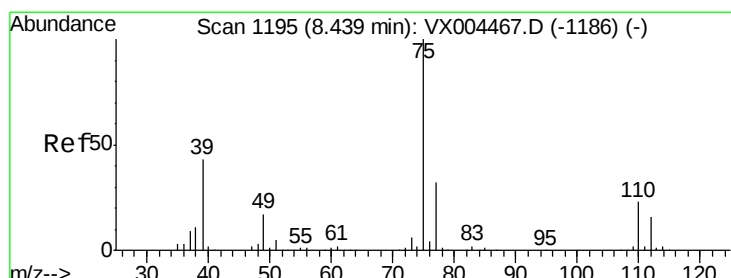
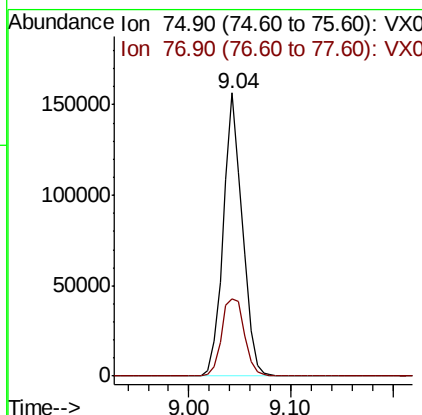
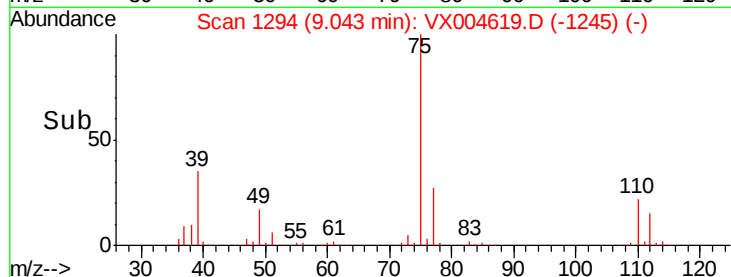
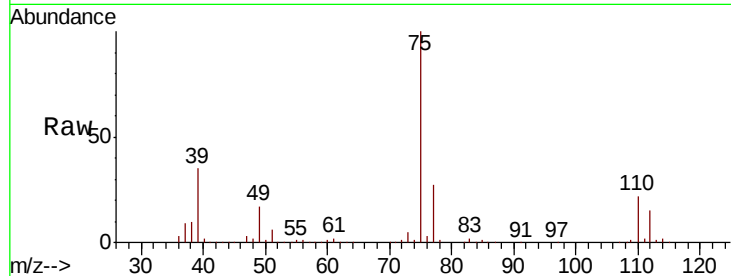
#53
t-1,3-Dichloropropene
Concen: 51.69 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 75 Resp: 203686
Ion Ratio Lower Upper
75 100
77 27.3 24.6 37.0

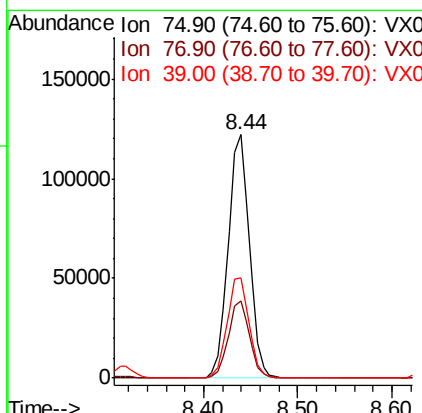
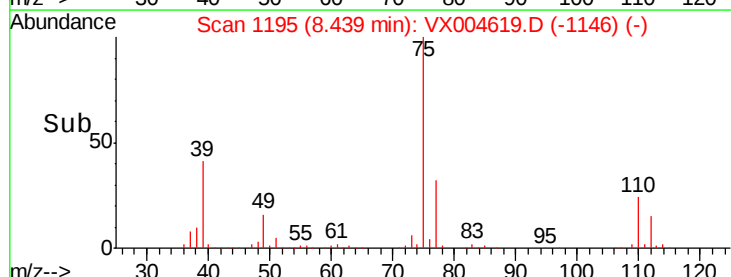
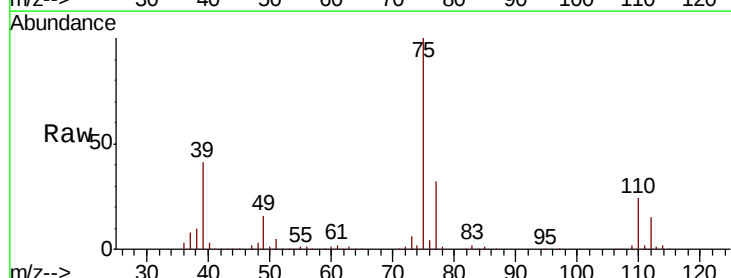
Manual Integrations
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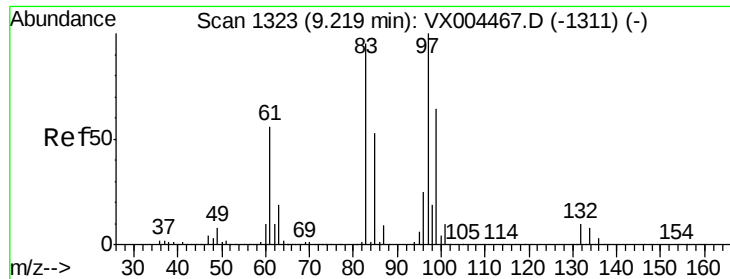
MMDadoda
9/17/2018 6:27:29 PM



#54
cis-1,3-Dichloropropene
Concen: 47.56 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion: 75 Resp: 191045
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
39 41.0 36.4 54.6





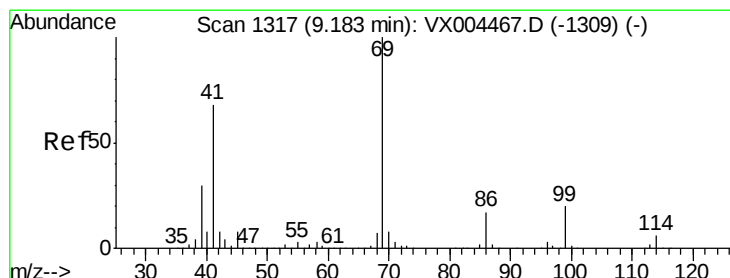
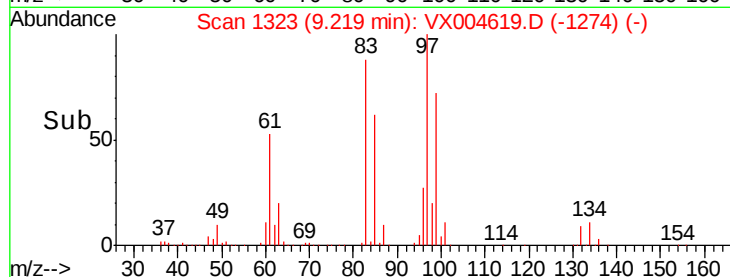
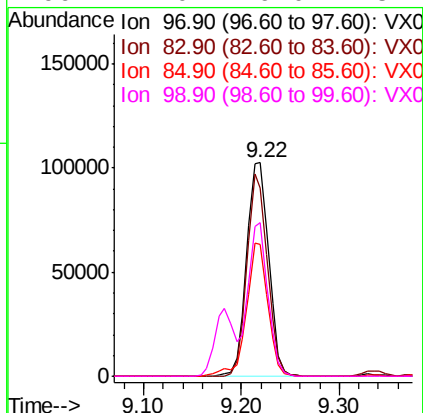
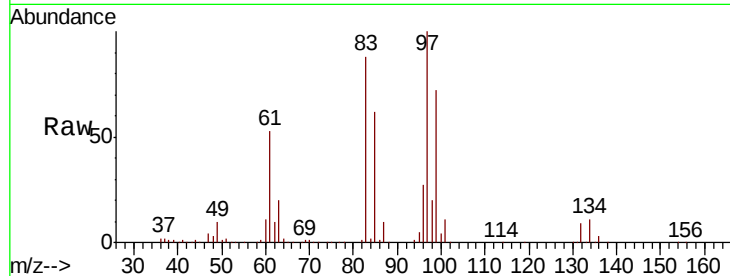
#55
 1,1,2-Trichloroethane
 Concen: 54.01 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		160778		
83	88.0	66.4	99.6		
85	62.0	43.3	64.9		
99	72.0	49.0	73.4		

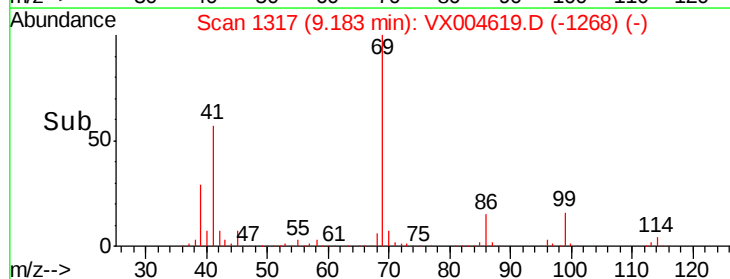
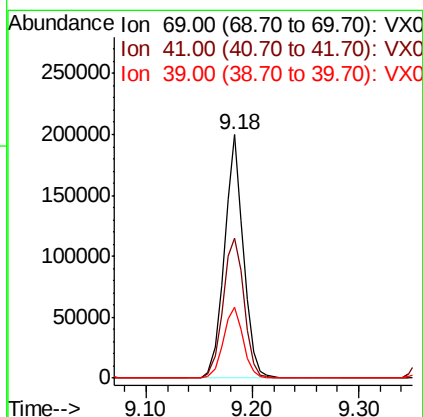
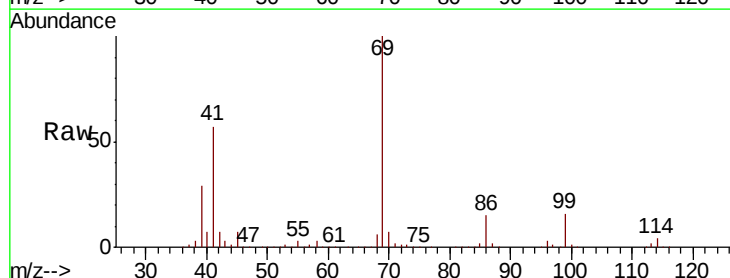
Manual Integrations
 APPROVED

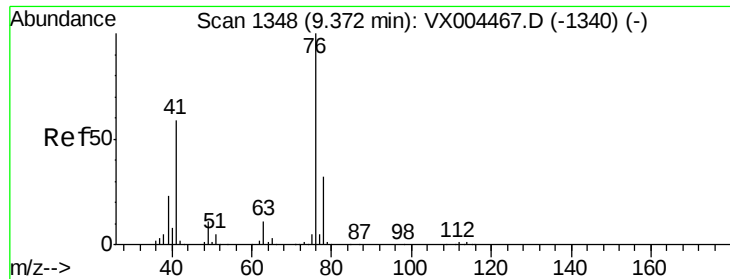
MMDadoda
 9/17/2018 6:27:29 PM



#56
 Ethyl methacrylate
 Concen: 59.35 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		249952		
41	63.9	51.0	76.4		
39	30.3	26.1	39.1		





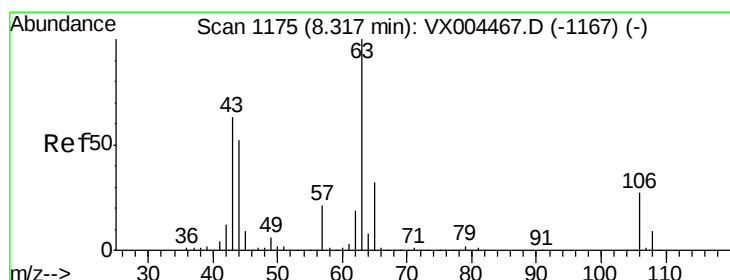
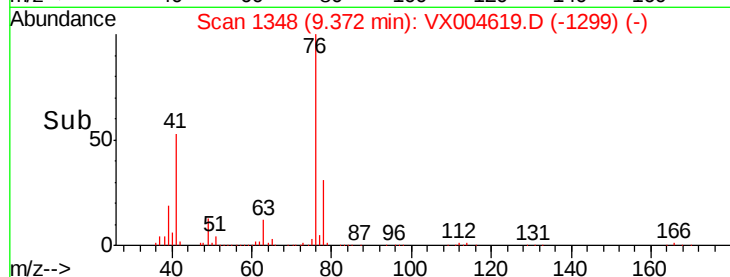
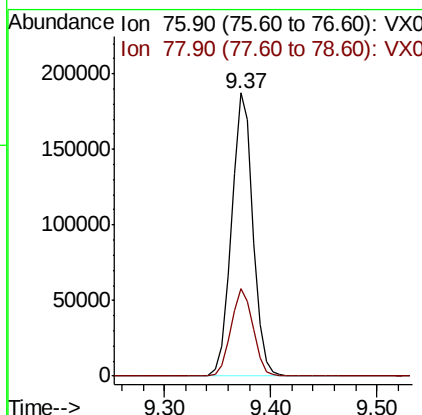
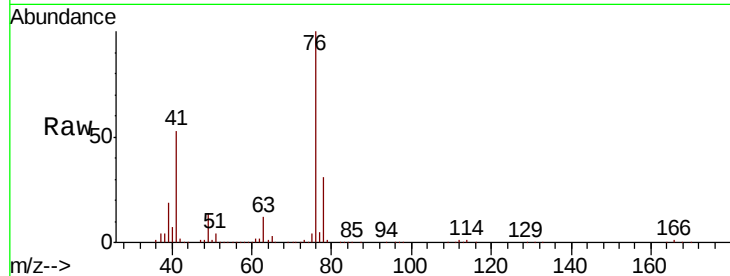
#57
 1,3-Dichloropropane
 Concen: 54.39 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3

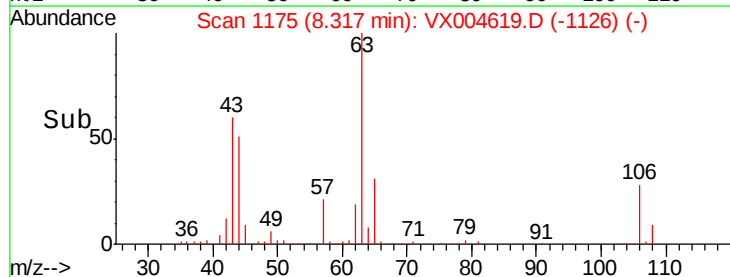
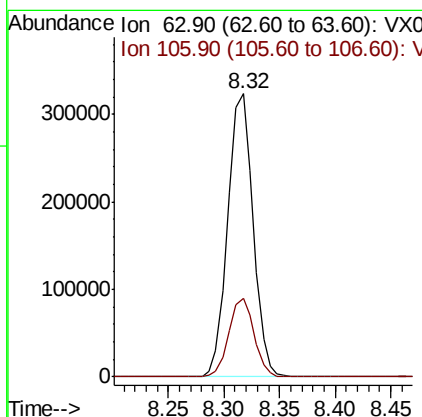
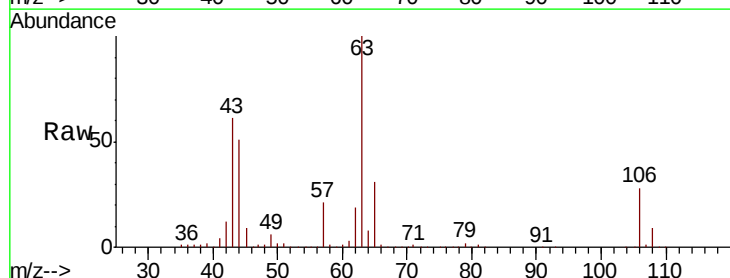
Manual Integrations
 APPROVED

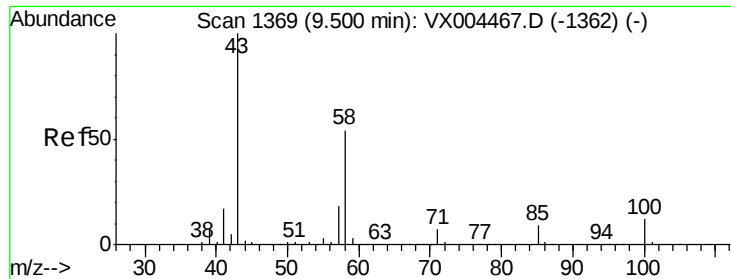
MMDadoda
 9/17/2018 6:27:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.90 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	23.9	35.9





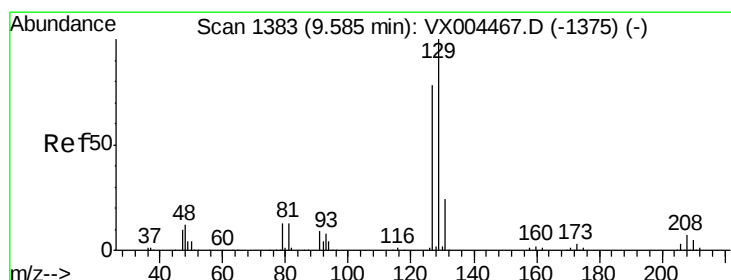
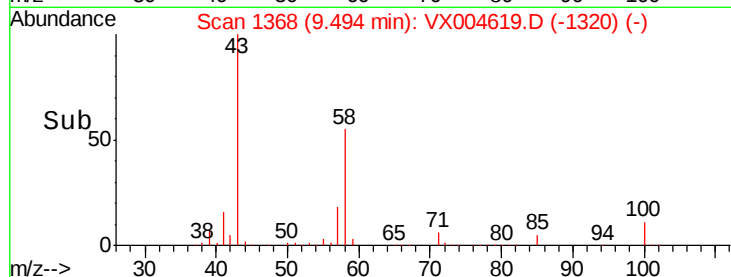
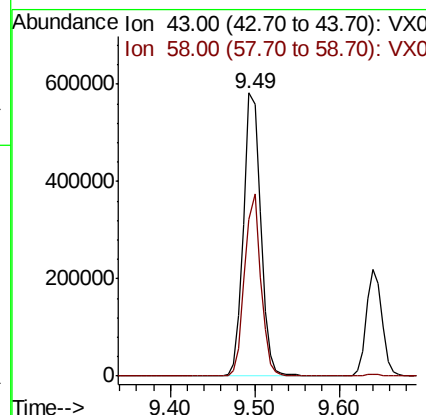
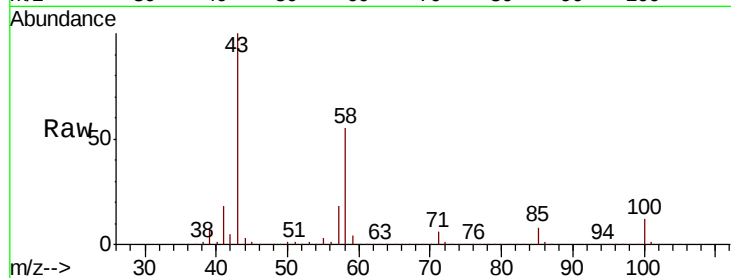
#59
2-Hexanone
Concen: 243.89 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 788711
Ion Ratio Lower Upper
43 100
58 60.6 29.0 87.0

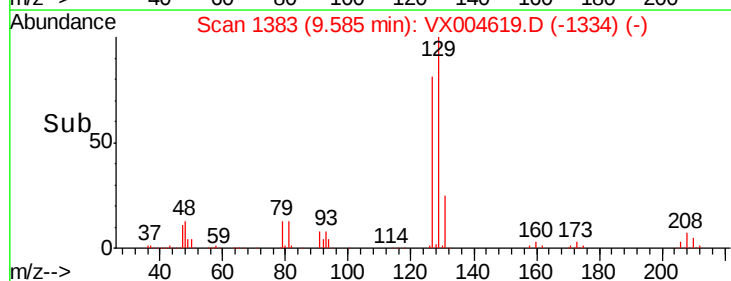
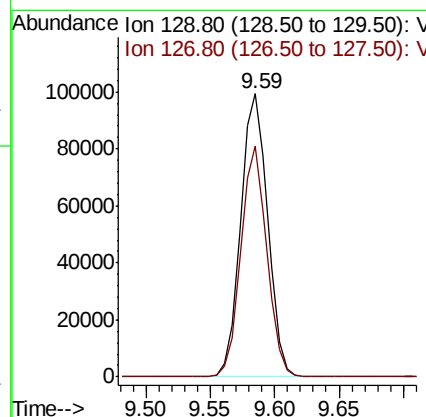
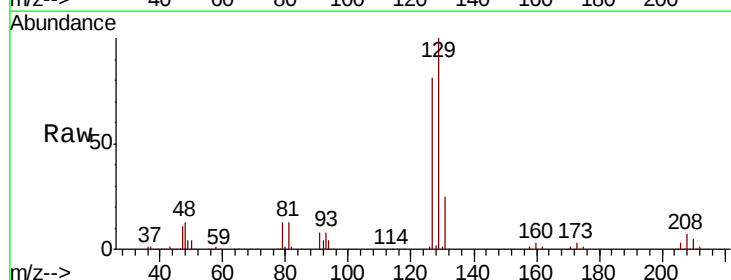
Manual Integrations
APPROVED

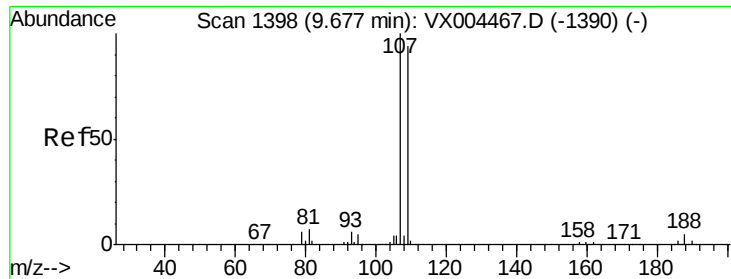
MMDadoda
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#60
Dibromochloromethane
Concen: 51.44 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion: 129 Resp: 144173
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.71 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 141356

Ion Ratio Lower Upper

107 100

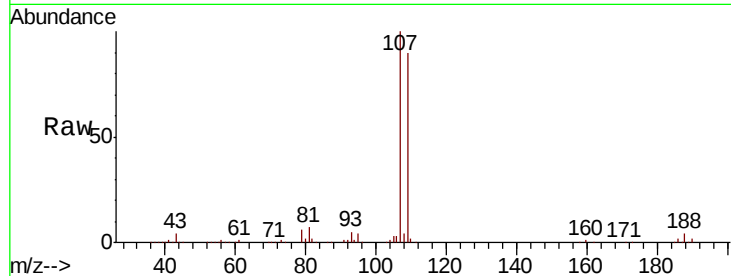
109 93.1 76.0 114.0

Manual Integrations

APPROVED

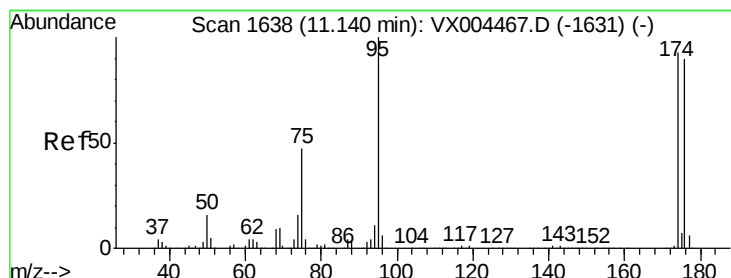
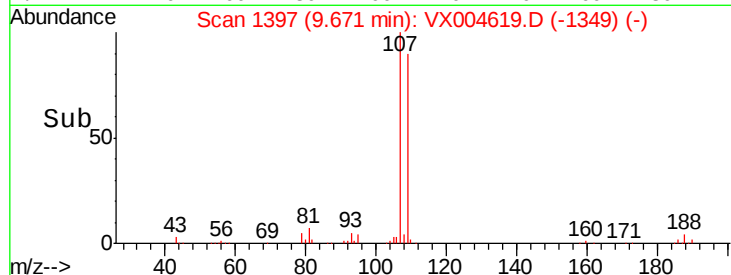
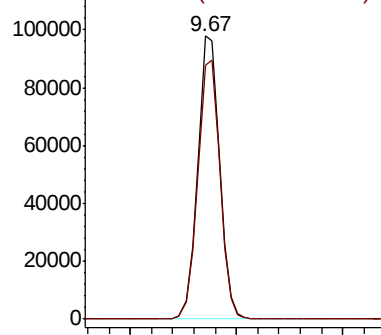
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.86 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

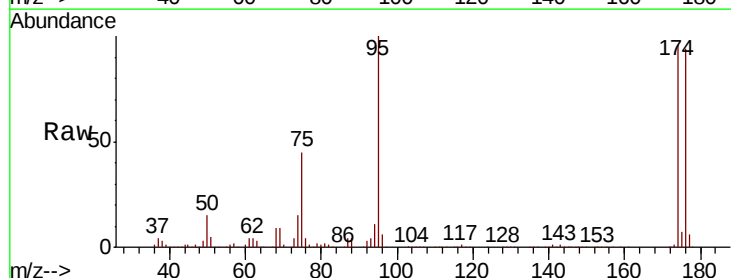
Tgt Ion: 95 Resp: 163647

Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.2

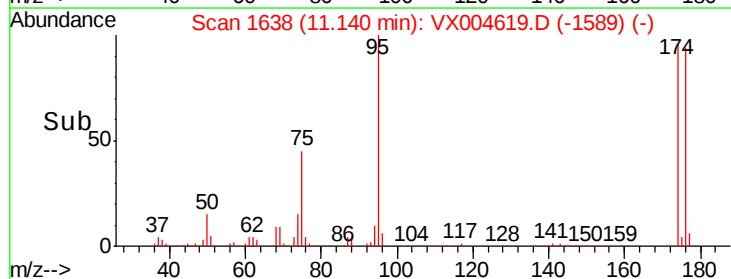
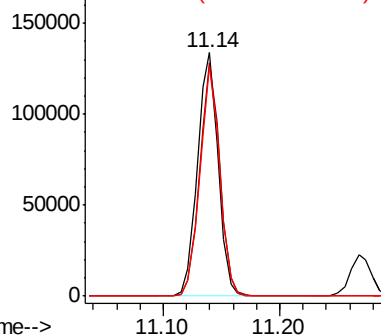
176 91.2 0.0 178.6

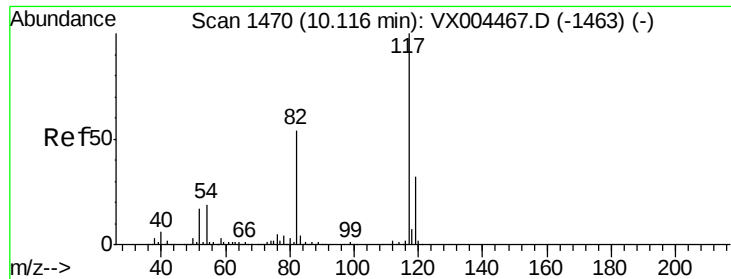


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





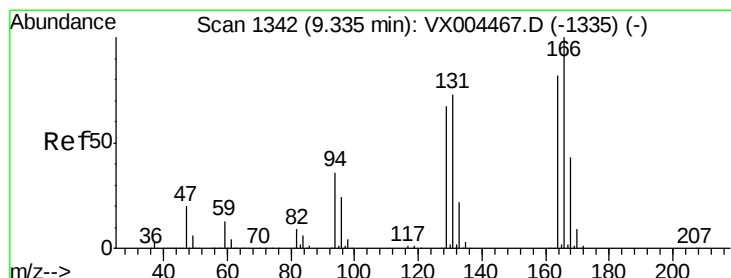
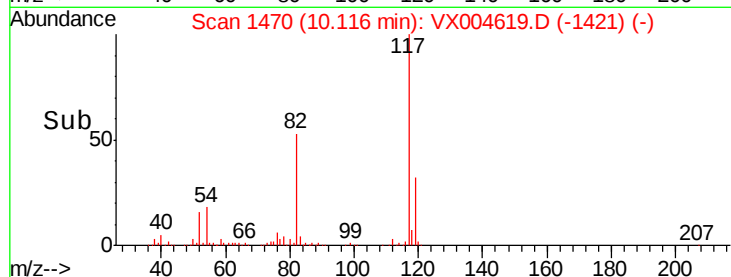
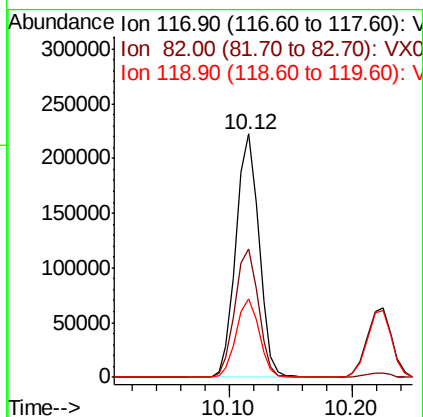
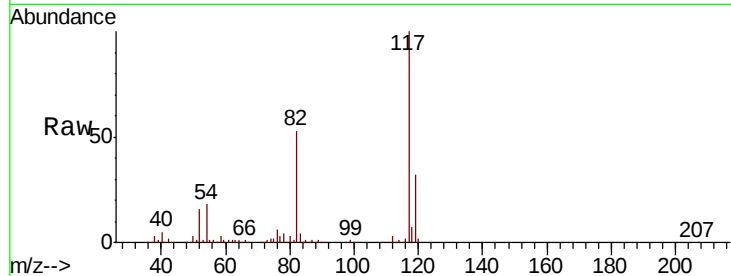
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	290039		
82	52.9		47.8	71.6
119	32.3		29.3	43.9

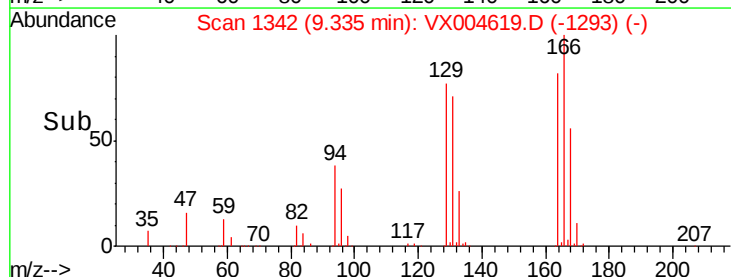
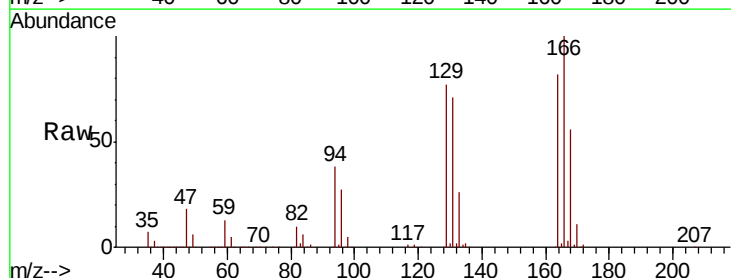
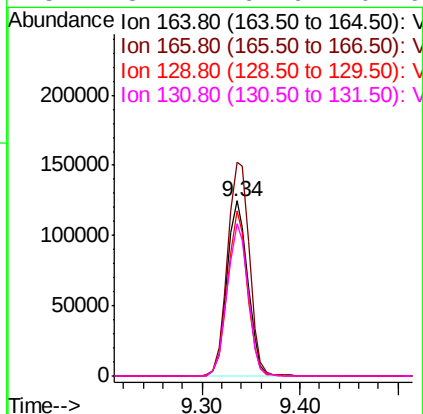
Manual Integrations
APPROVED

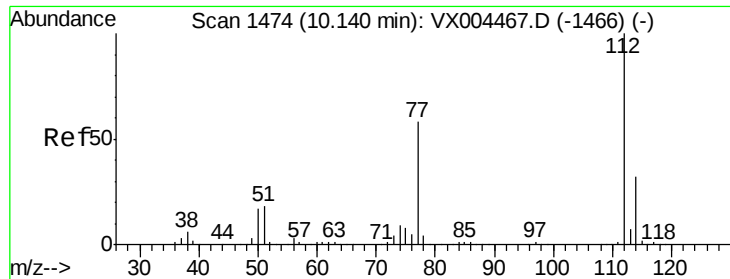
MMDadoda
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#64
Tetrachloroethene
Concen: 51.04 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	184810		
166	122.2		102.8	154.2
129	94.6		69.4	104.0
131	87.2		67.9	101.9





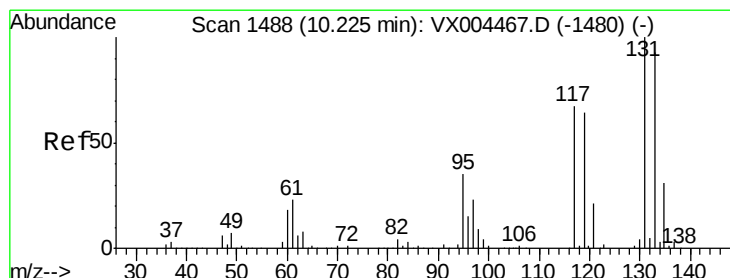
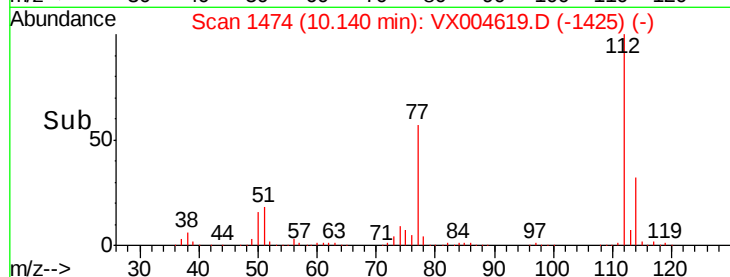
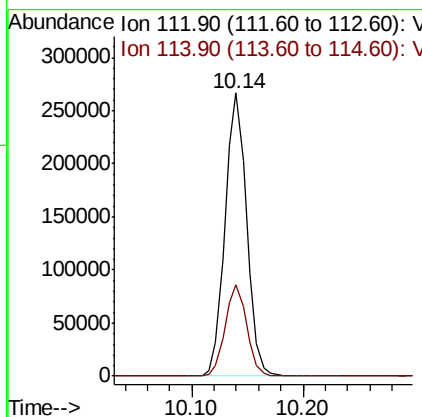
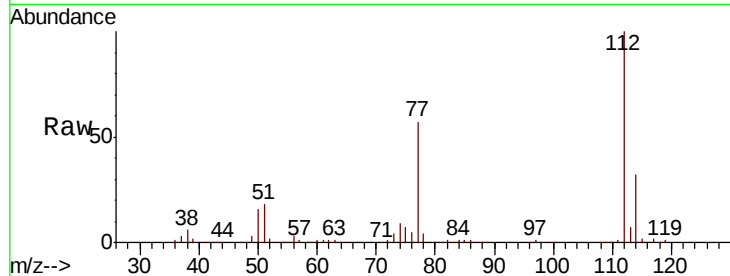
#65
Chlorobenzene
Concen: 49.65 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 357707
Ion Ratio Lower Upper
112 100
114 32.2 27.8 41.8

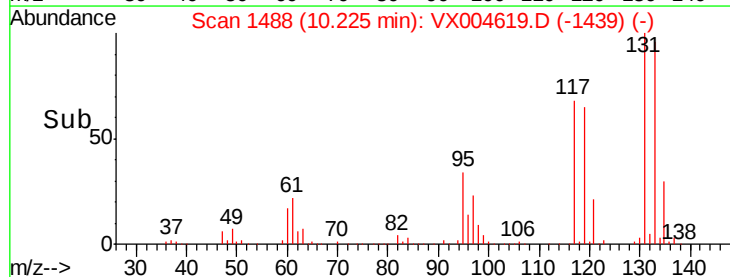
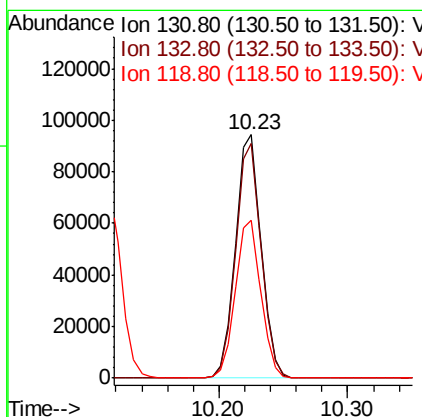
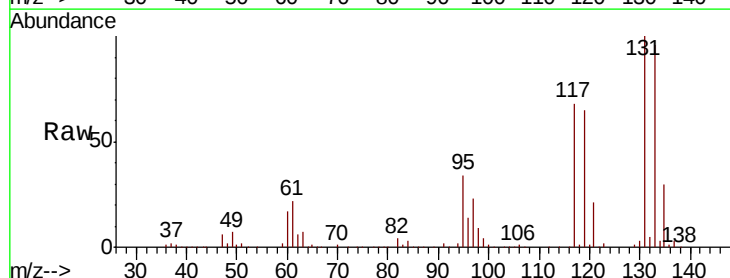
Manual Integrations
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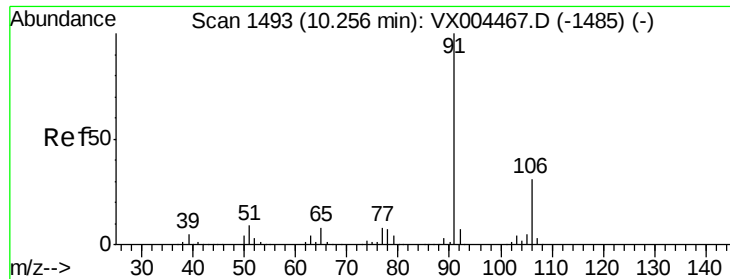
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.46 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion:131 Resp: 130341
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.4
119 65.1 32.9 98.6





#67

Ethyl Benzene

Concen: 49.87 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 584184

Ion Ratio Lower Upper

91 100

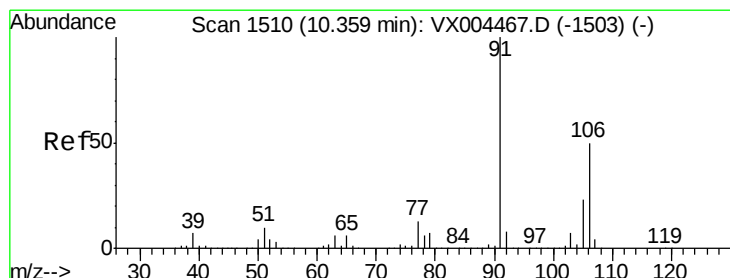
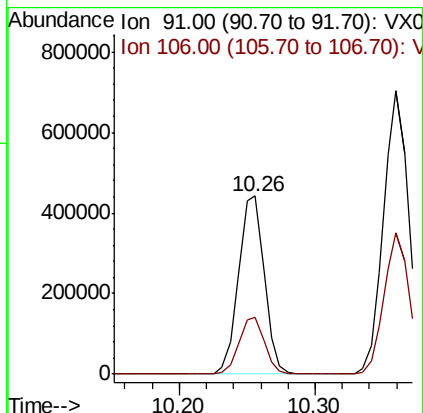
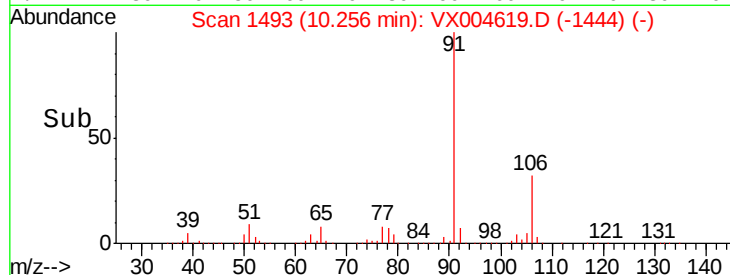
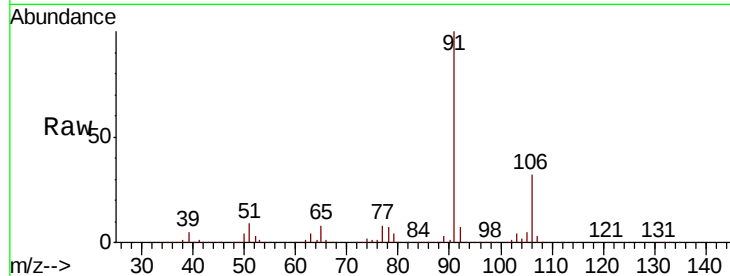
106 32.1 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.42 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004619.D

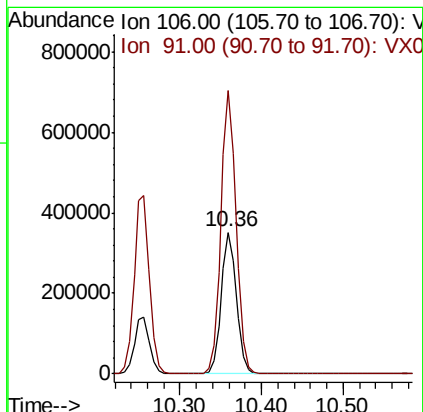
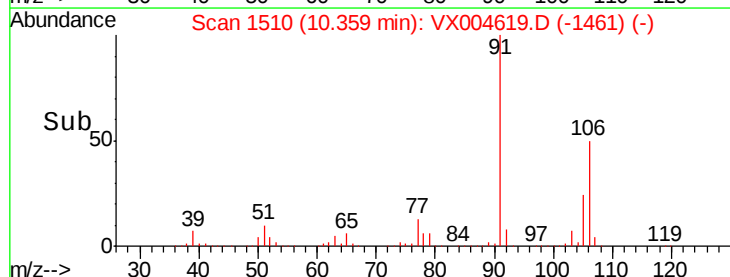
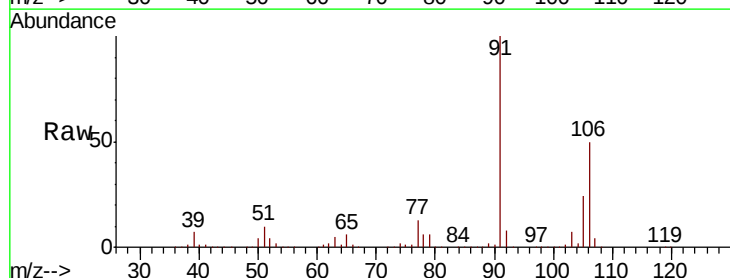
Acq: 16 Sep 2018 07:32

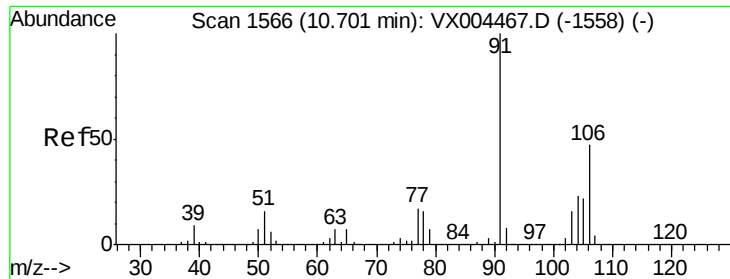
Tgt Ion: 106 Resp: 457669

Ion Ratio Lower Upper

106 100

91 199.8 157.1 235.7





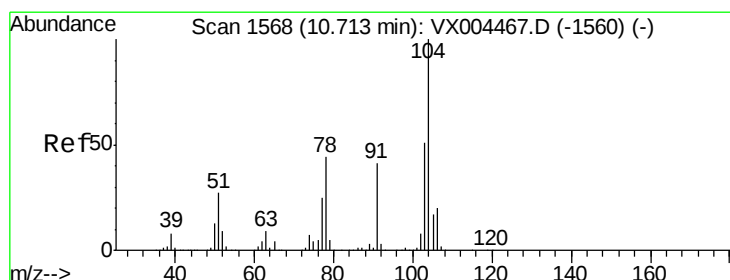
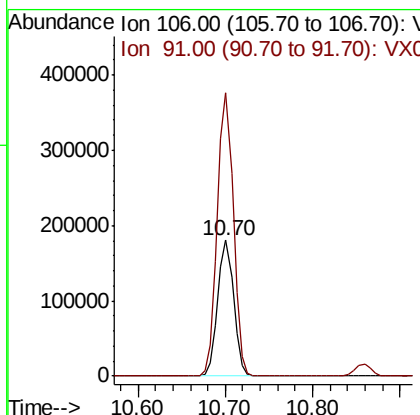
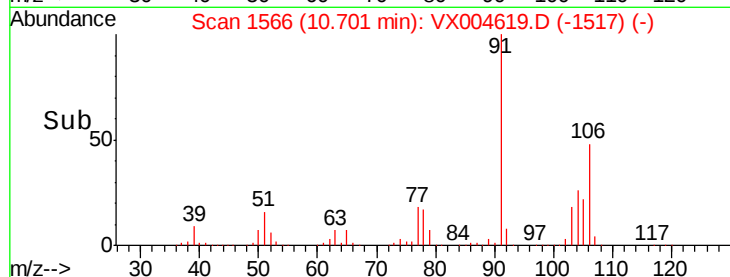
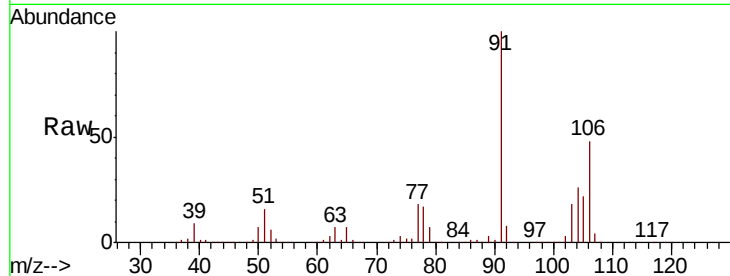
#69
o-Xylene
Concen: 52.46 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 227573
Ion Ratio Lower Upper
106 100
91 210.4 105.1 315.1

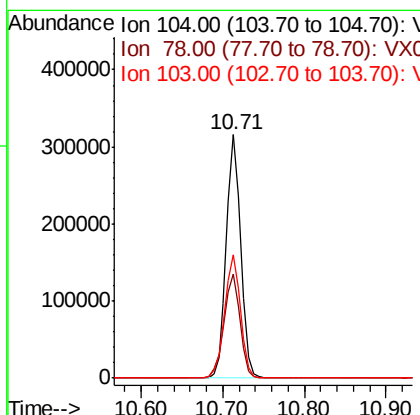
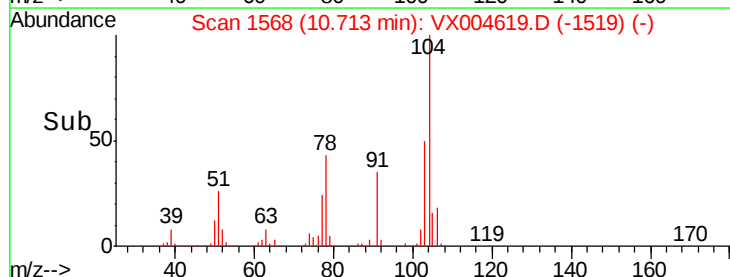
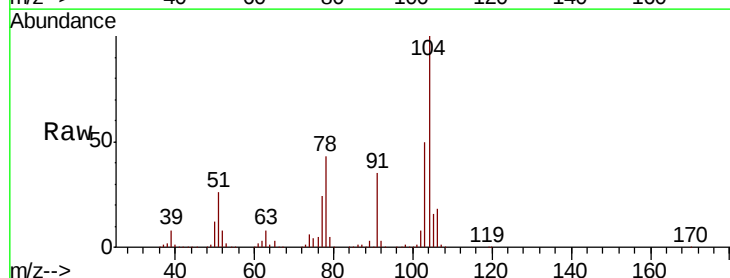
Manual Integrations
APPROVED

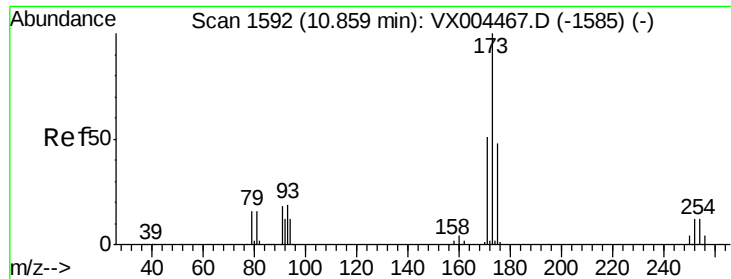
MMDadoda
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#70
Styrene
Concen: 53.76 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion:104 Resp: 386412
Ion Ratio Lower Upper
104 100
78 47.6 37.4 56.0
103 55.3 43.8 65.6





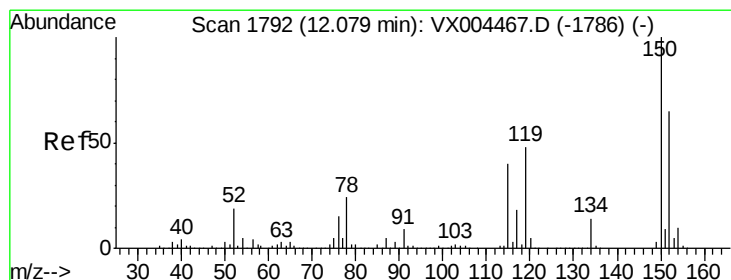
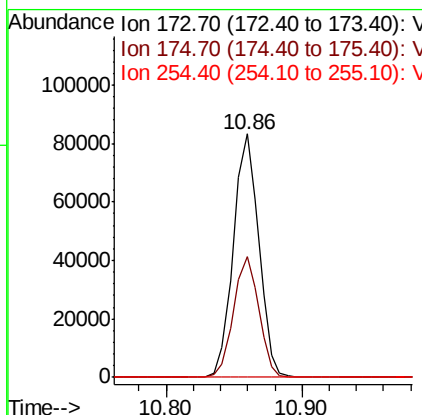
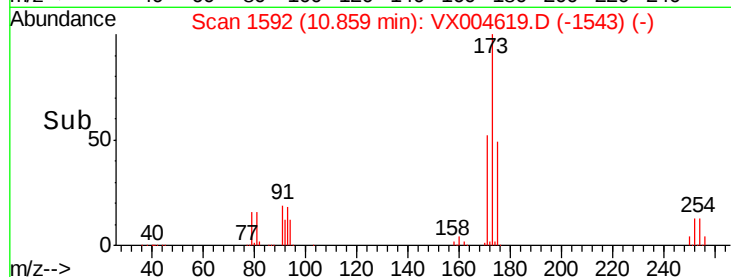
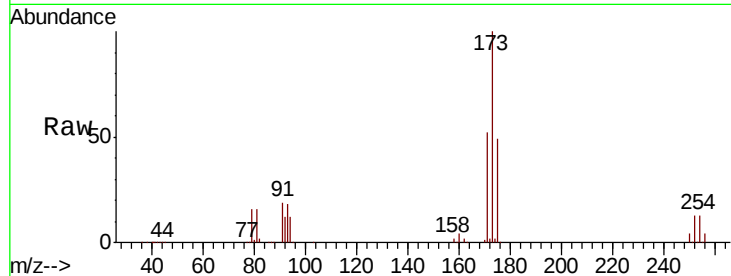
#71
Bromoform
Concen: 53.02 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.3
254	0.2	0.2	0.2

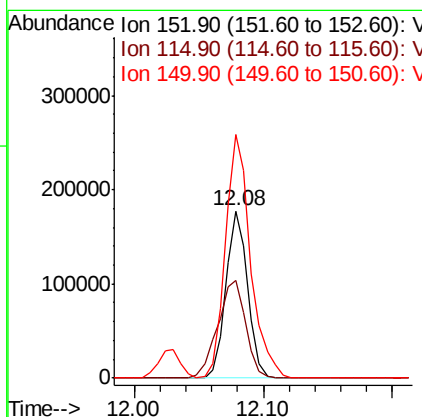
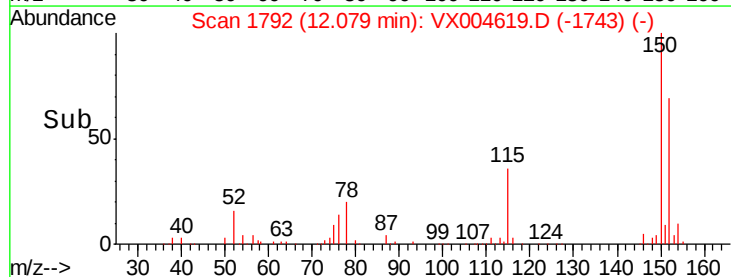
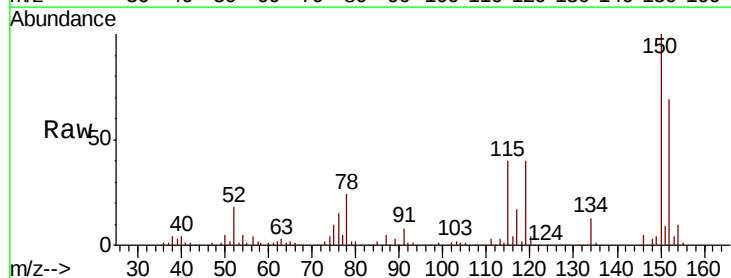
Manual Integrations
APPROVED

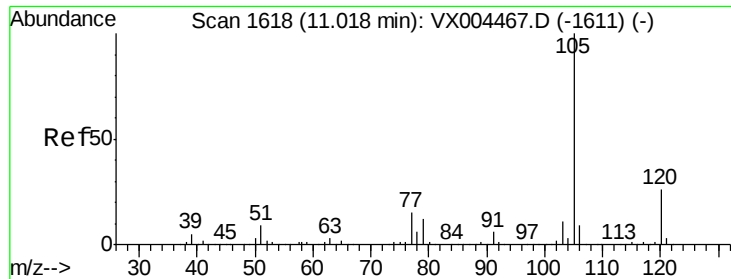
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.2	39.0	117.0
150	168.7	0.0	351.0





#73

Isopropylbenzene

Concen: 42.37 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 586598

Ion Ratio Lower Upper

105 100

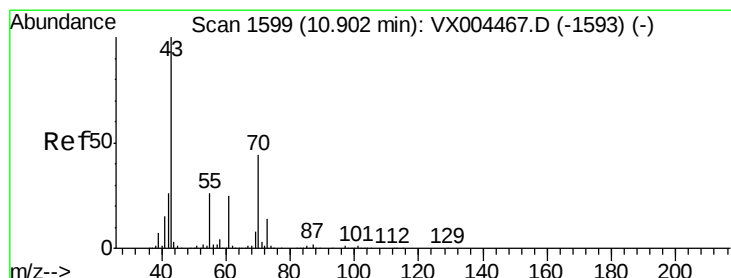
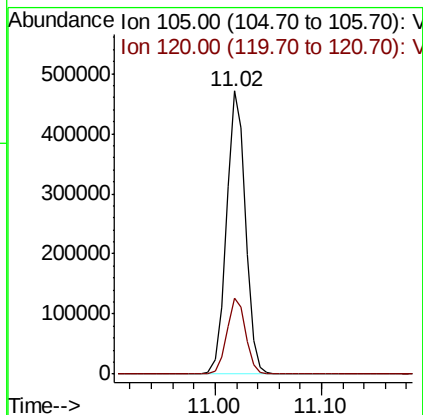
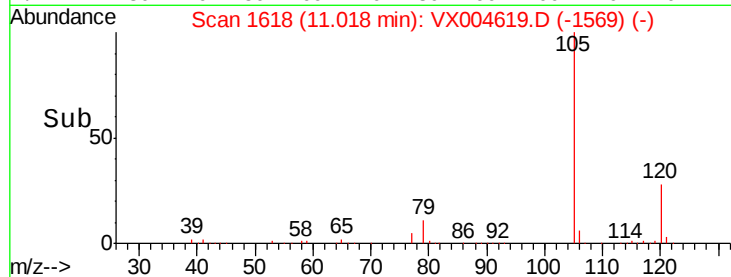
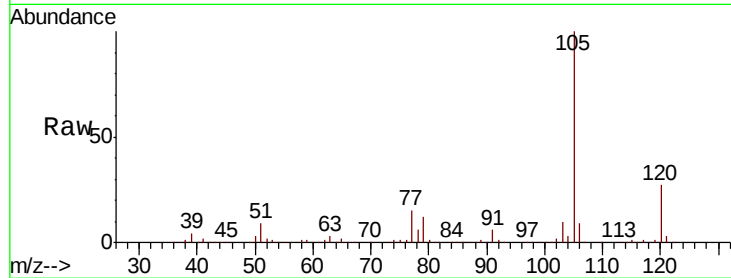
120 26.7 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

9/17/2018 6:27:29 PM



#74

N-ethyl acetate

Concen: 45.27 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion: 43 Resp: 263748

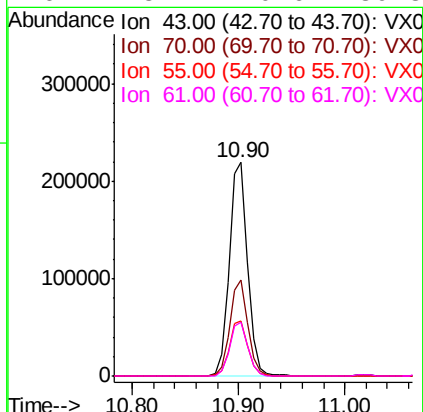
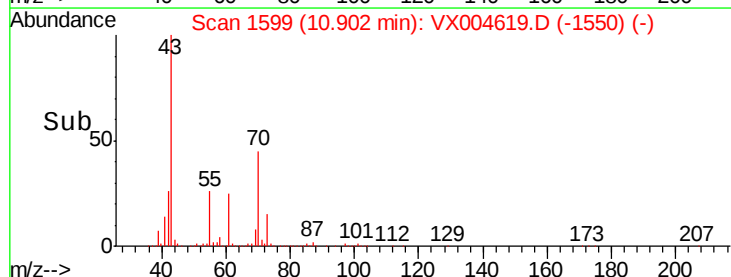
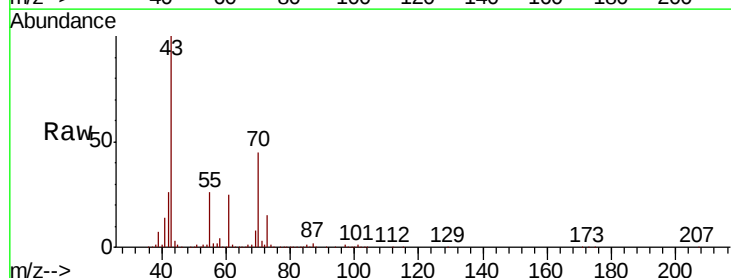
Ion Ratio Lower Upper

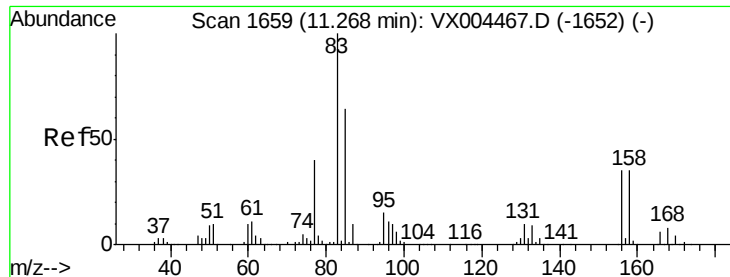
43 100

70 44.0 37.4 56.0

55 26.1 21.8 32.8

61 25.2 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 43.14 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

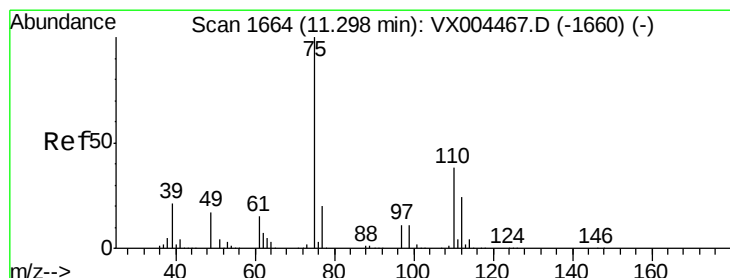
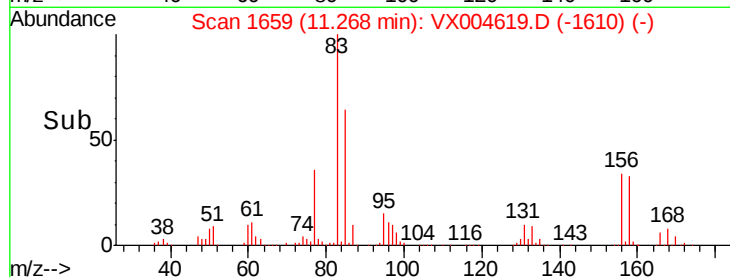
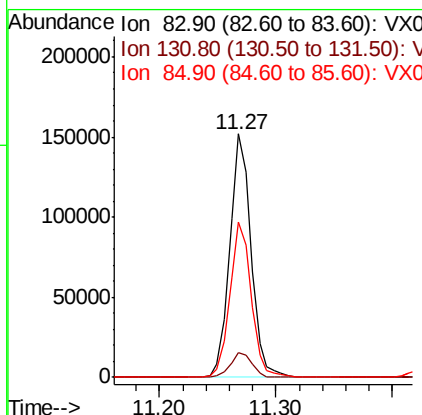
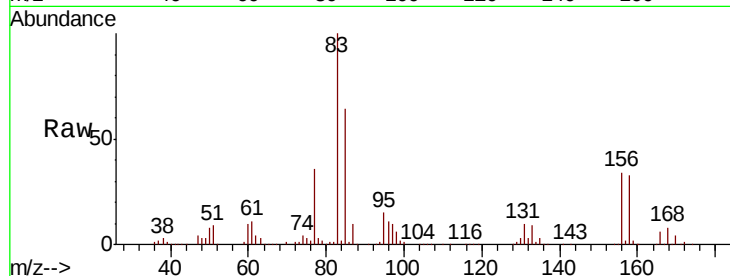
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	192644
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	64.2	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.26 ug/l m

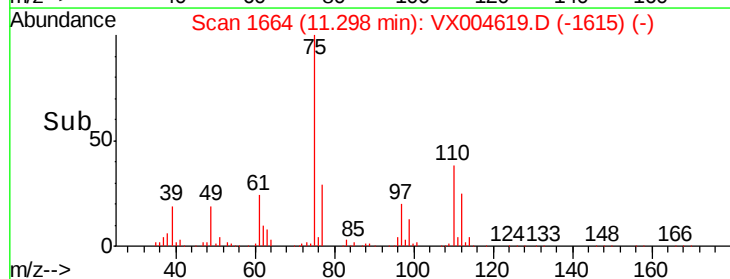
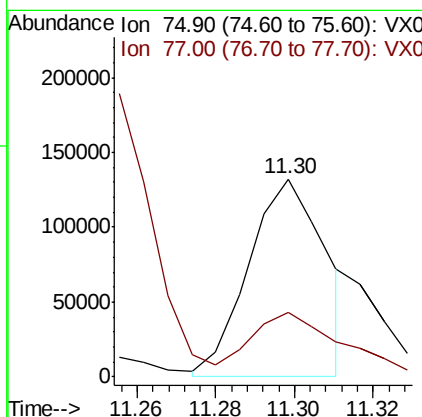
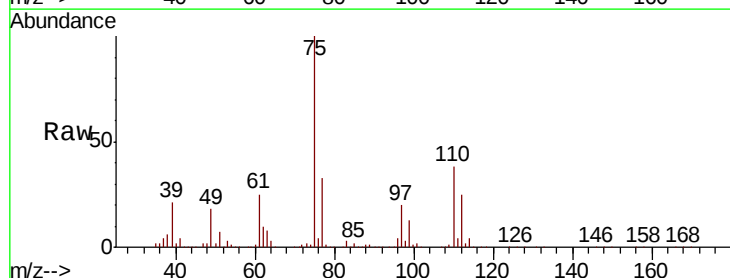
RT: 11.30 min Scan# 1664

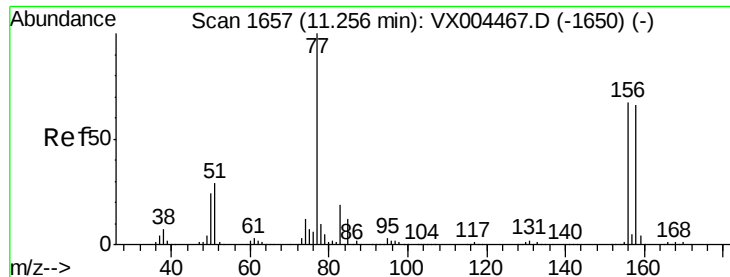
Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion:	75	Resp:	178699
Ion	Ratio	Lower	Upper
75	100		
77	39.4	20.2	60.6





#77

Bromobenzene

Concen: 43.50 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 166456

Ion Ratio Lower Upper

156 100

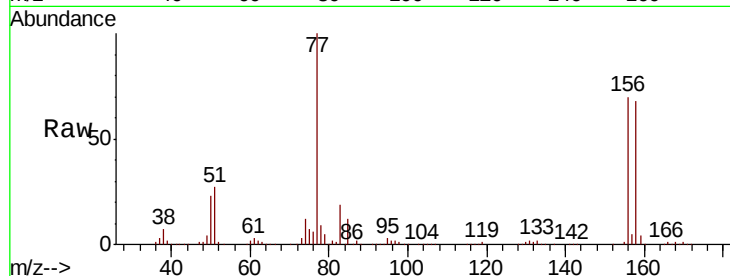
77 143.8 71.5 214.3

158 97.3 48.9 146.8

Manual Integrations
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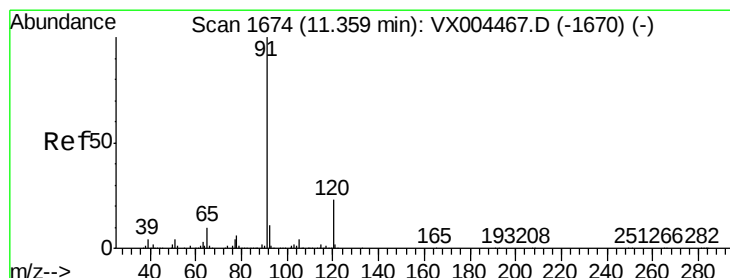
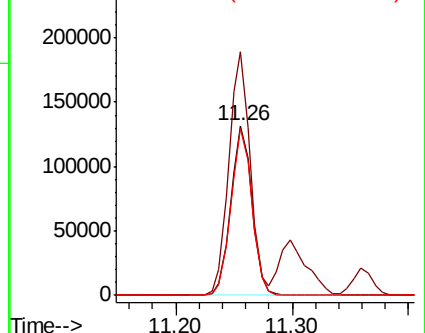
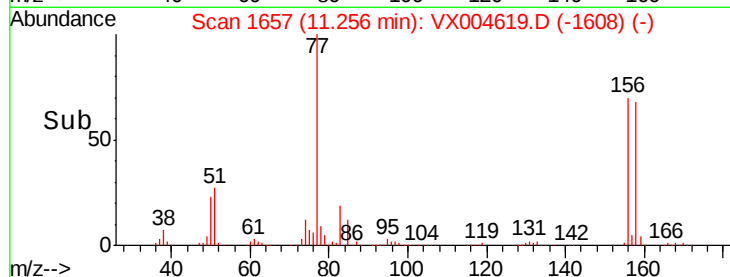
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 41.51 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004619.D

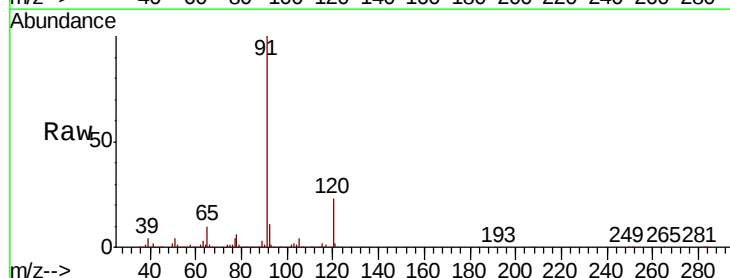
Acq: 16 Sep 2018 07:32

Tgt Ion: 91 Resp: 660777

Ion Ratio Lower Upper

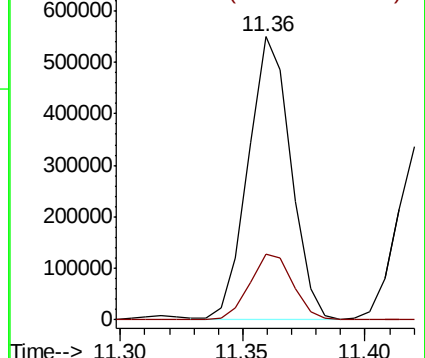
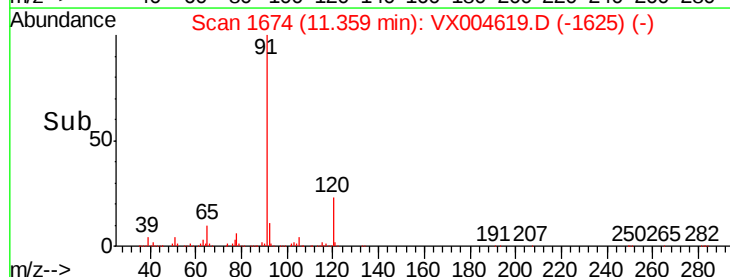
91 100

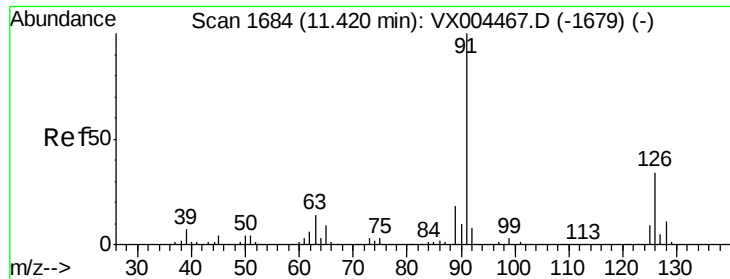
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.16 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 406975

Ion Ratio Lower Upper

91 100

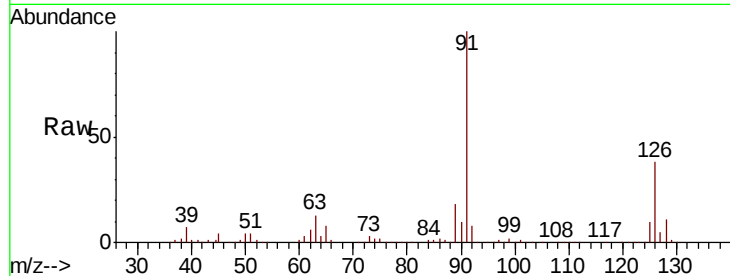
126 36.5 17.9 53.7

Manual Integrations

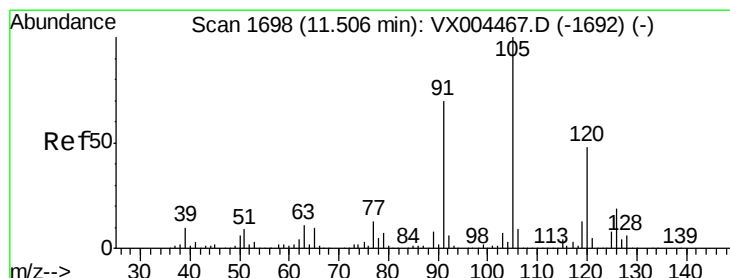
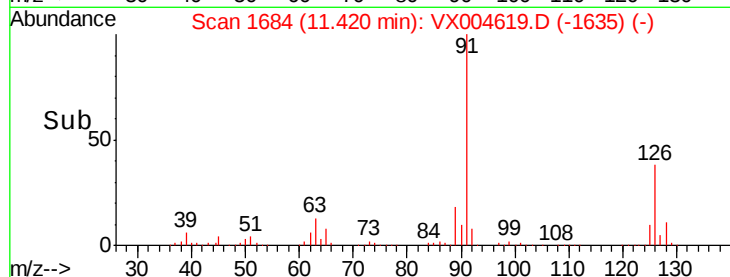
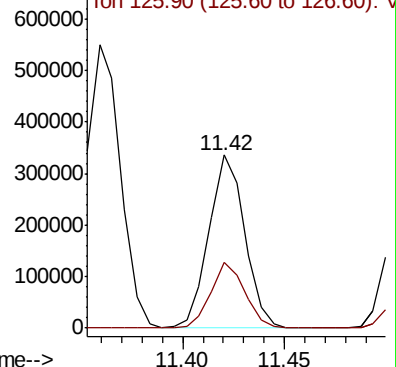
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Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.52 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004619.D

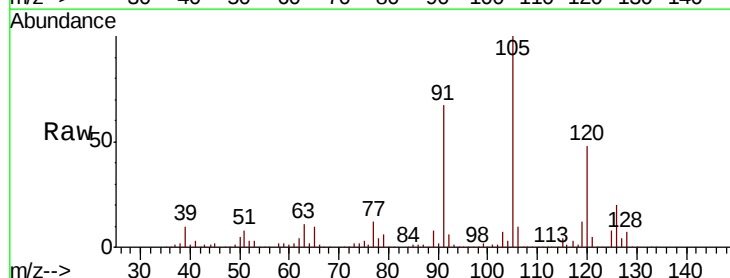
Acq: 16 Sep 2018 07:32

Tgt Ion:105 Resp: 541340

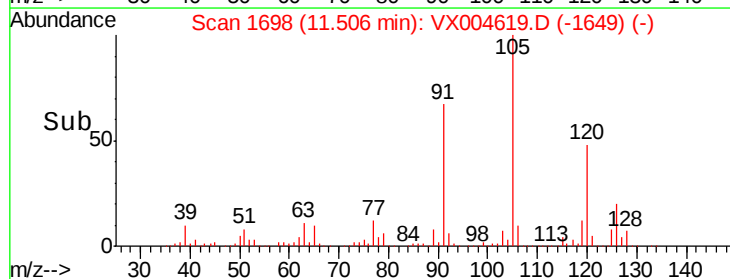
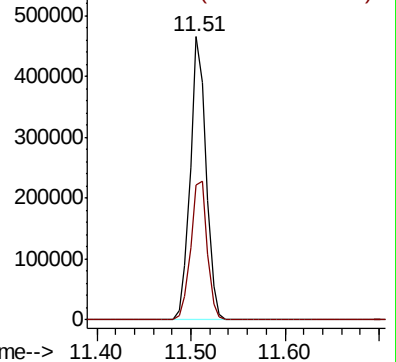
Ion Ratio Lower Upper

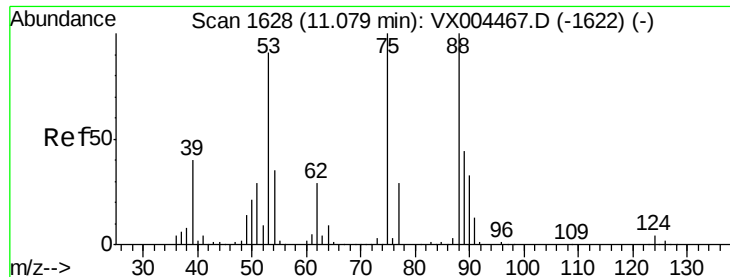
105 100

120 51.1 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004467.D (-1692) (-)





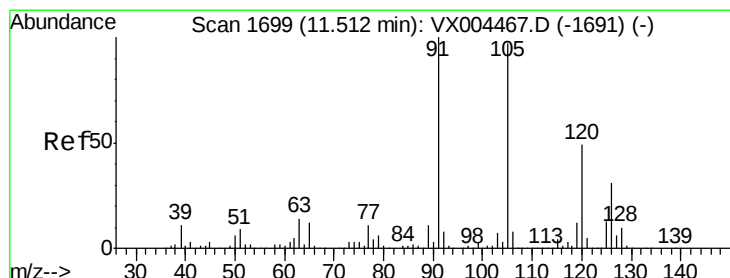
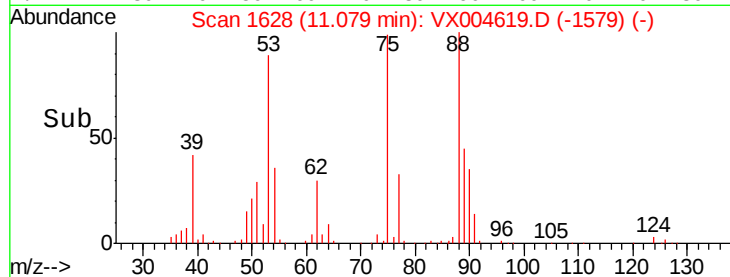
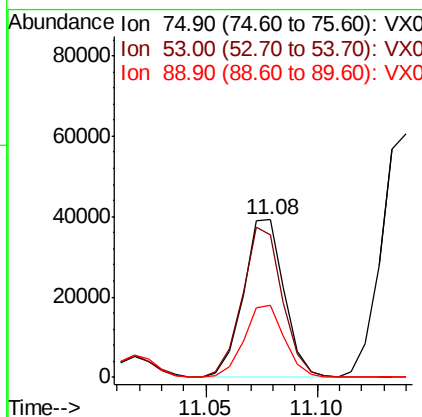
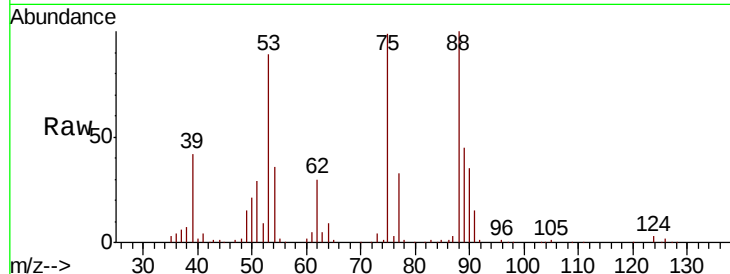
#81
trans-1,4-Dichloro-2-butene
Concen: 37.65 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.6	80.1	120.1
89	45.5	37.2	55.8

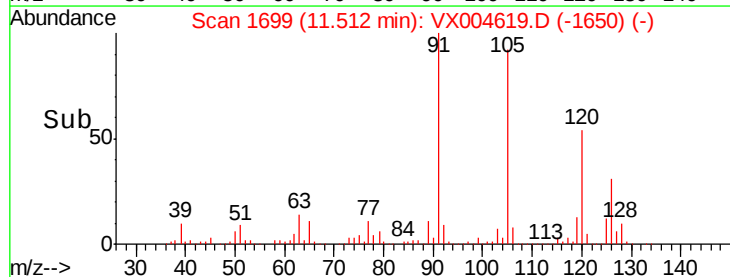
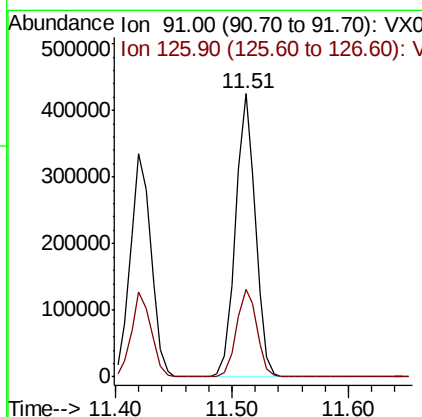
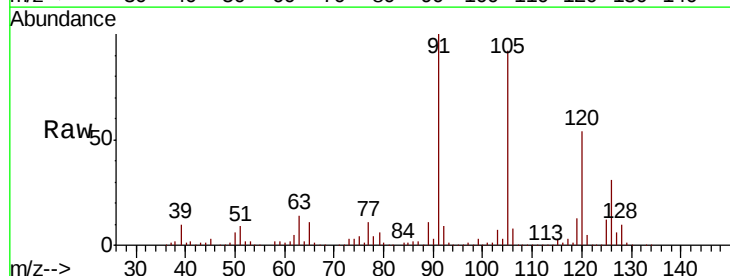
Manual Integrations
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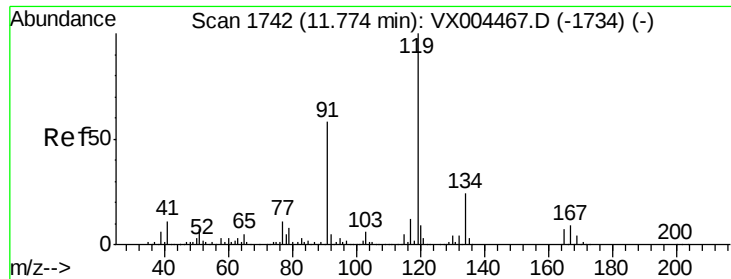
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#82
4-Chlorotoluene
Concen: 44.89 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.5	46.5





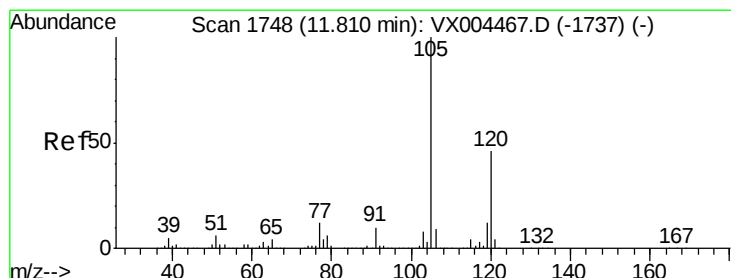
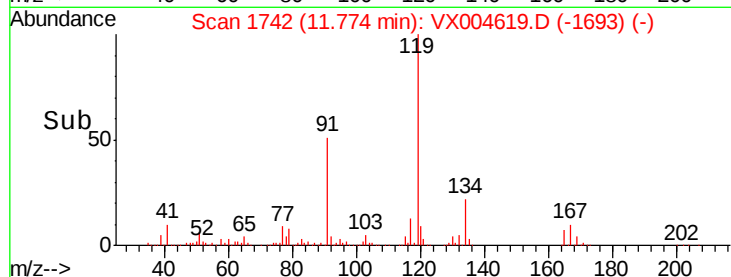
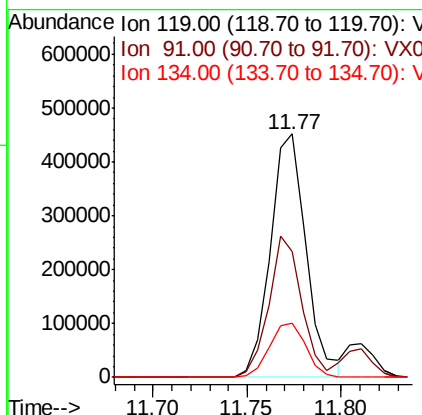
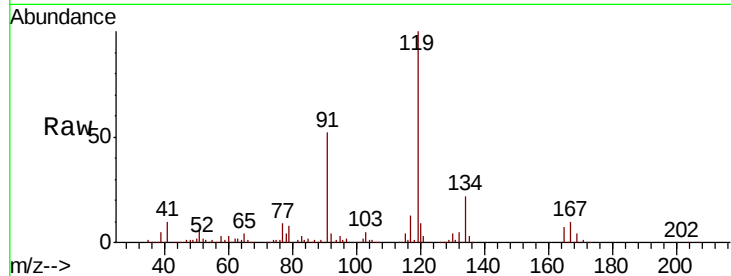
#83
 tert-Butylbenzene
 Concen: 53.46 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	592308		
91	53.5		27.0	81.0
134	22.8		11.7	35.1

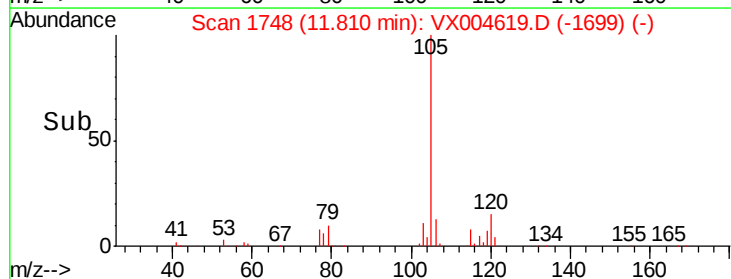
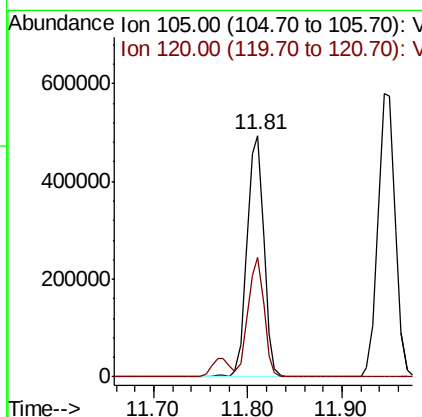
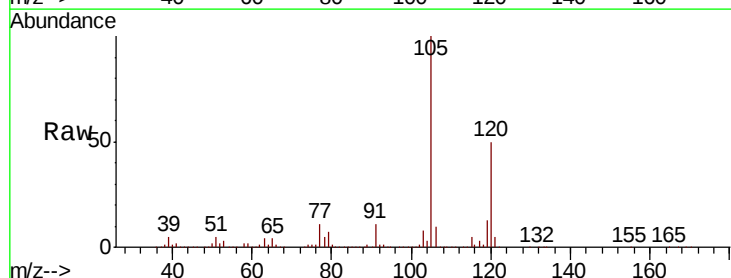
Manual Integrations
 APPROVED

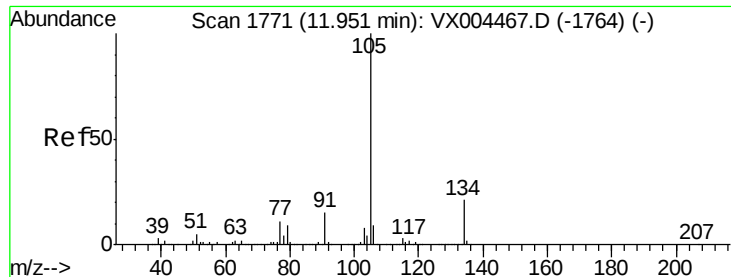
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.70 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	614244		
120	46.9		23.2	69.6





#85

sec-Butylbenzene

Concen: 52.05 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 734794

Ion Ratio Lower Upper

105 100

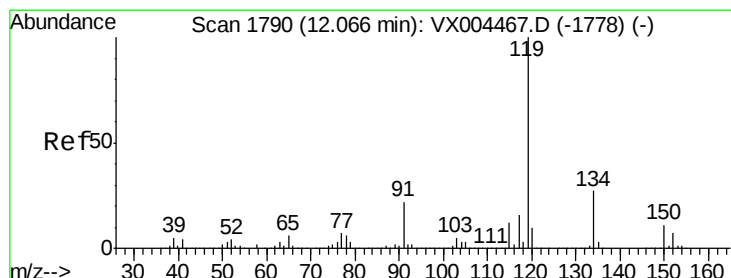
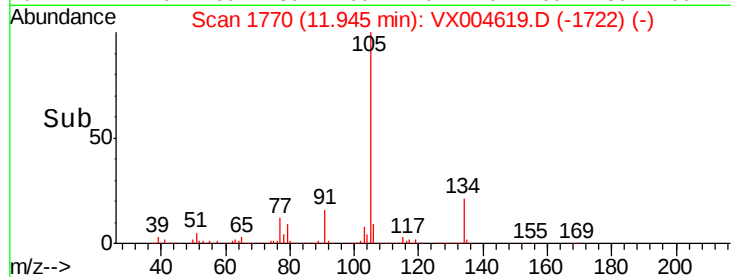
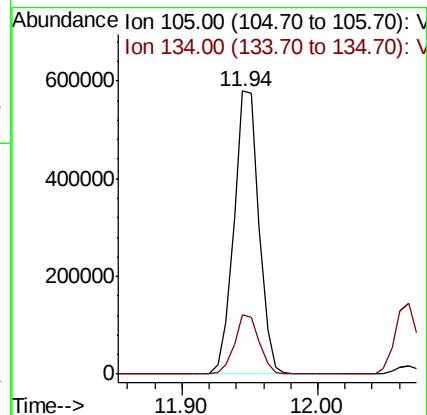
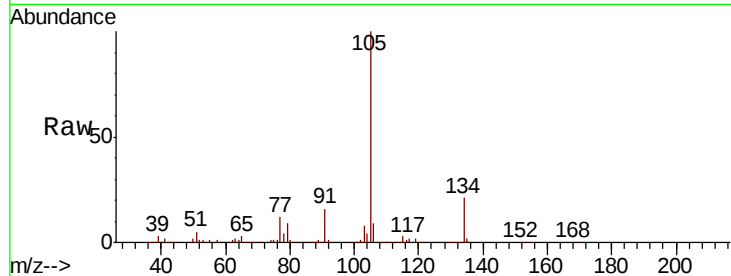
134 20.5 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.16 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

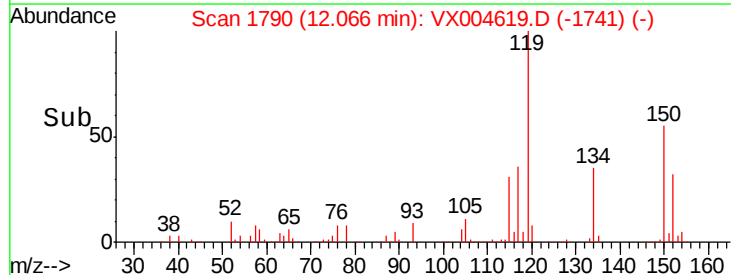
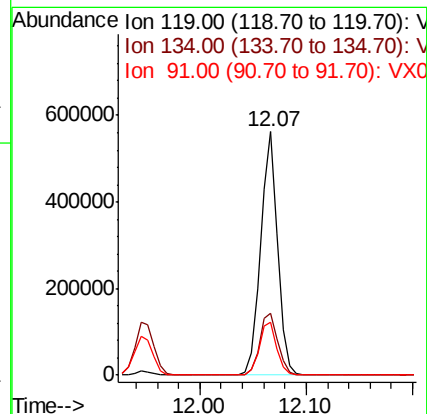
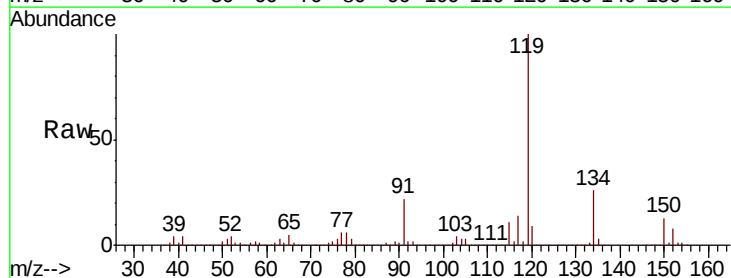
Tgt Ion:119 Resp: 625360

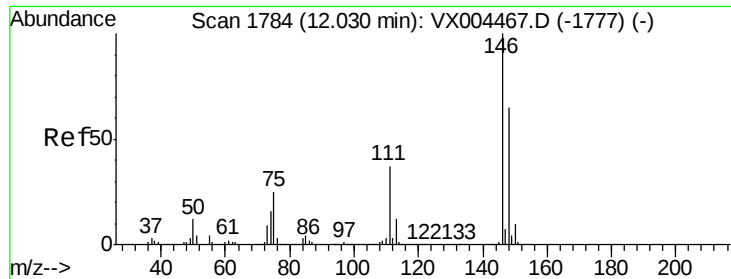
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 22.4 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 49.06 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Instrument :

MSVOA_X

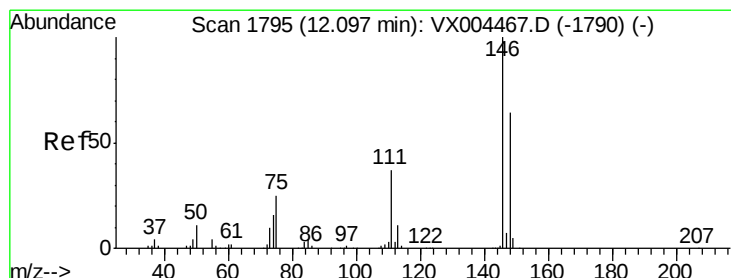
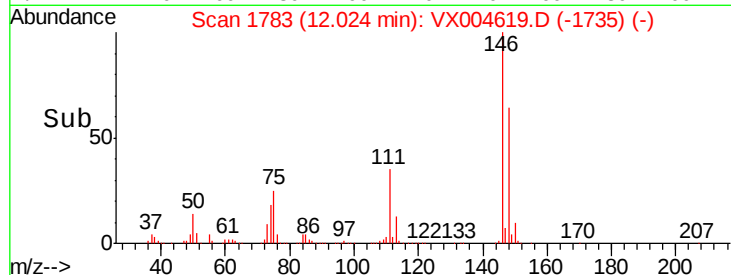
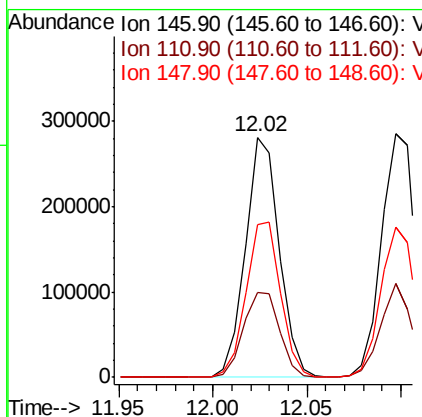
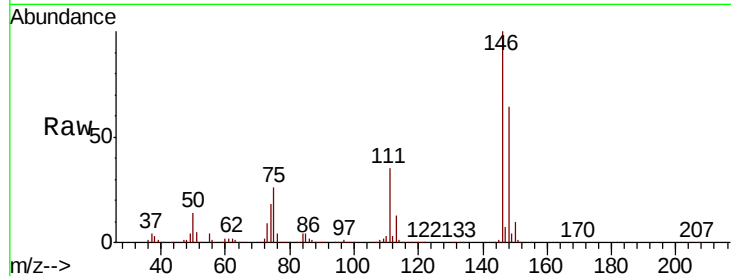
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	350213
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.7	56.1
148	66.1	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.62 ug/l

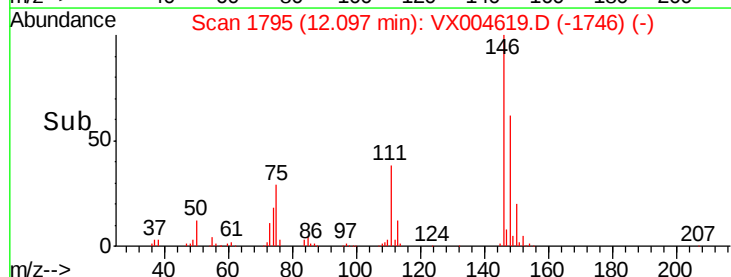
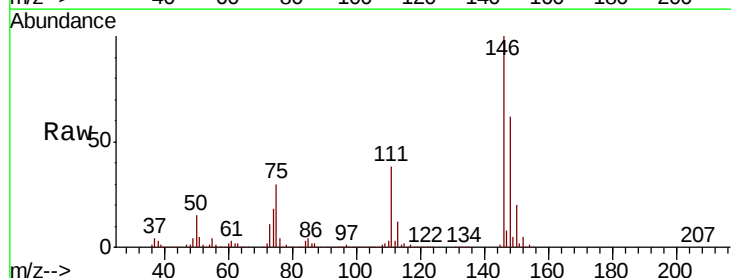
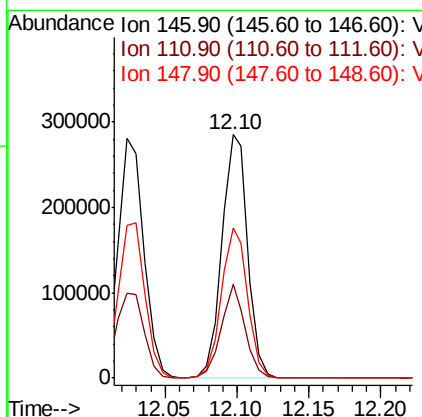
RT: 12.10 min Scan# 1795

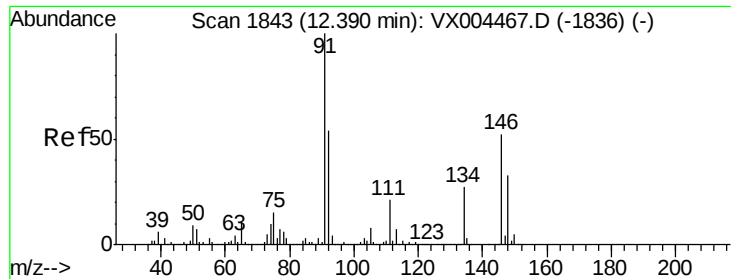
Delta R.T. -0.00 min

Lab File: VX004619.D

Acq: 16 Sep 2018 07:32

Tgt Ion:	146	Resp:	358624
Ion Ratio	Lower	Upper	
146	100		
111	35.7	18.1	54.1
148	62.6	32.0	96.0





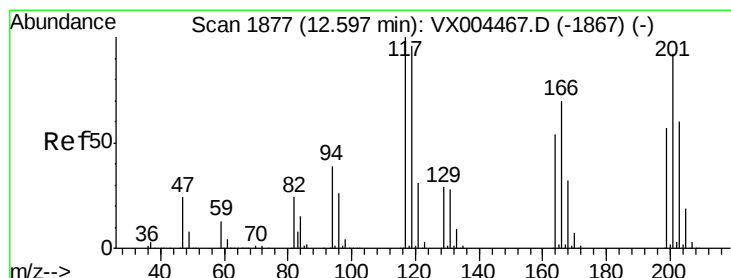
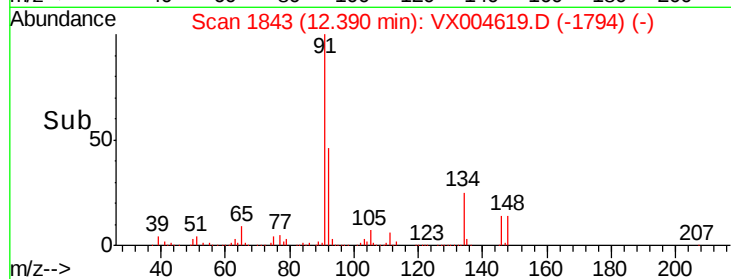
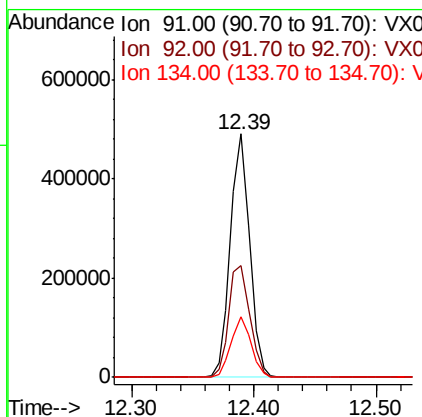
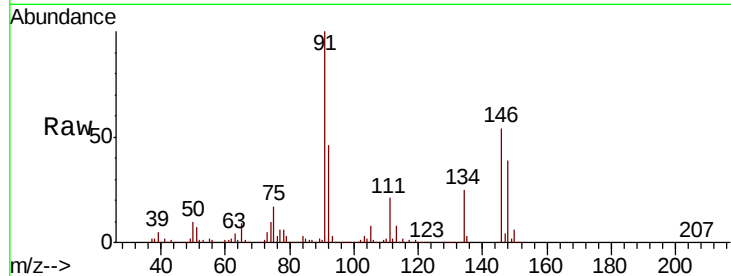
#89
n-Butylbenzene
Concen: 46.87 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.2	27.3	81.9
134	25.5	13.6	40.7

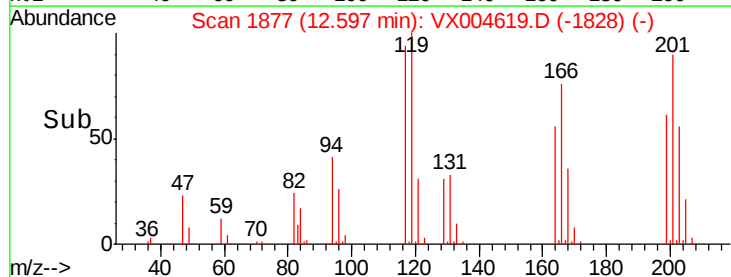
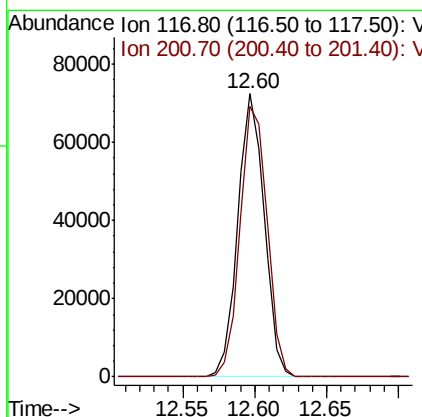
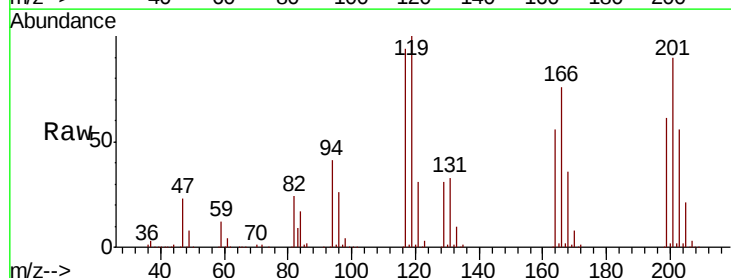
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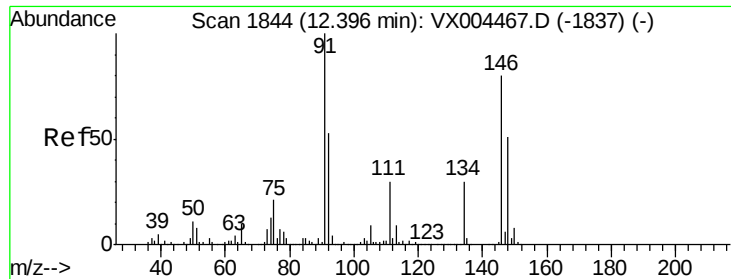
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#90
Hexachloroethane
Concen: 46.33 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.9	46.9	140.6





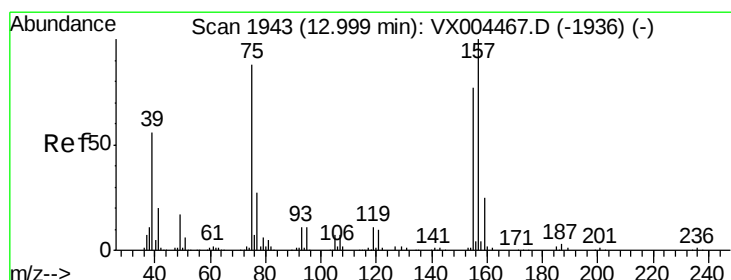
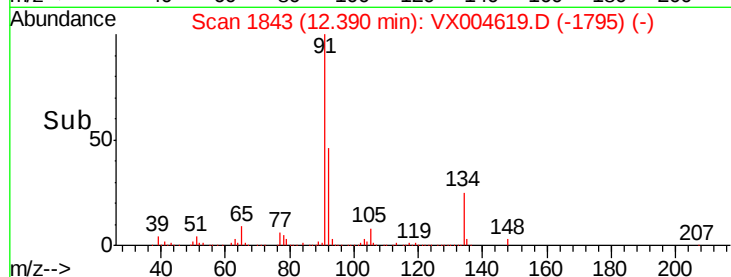
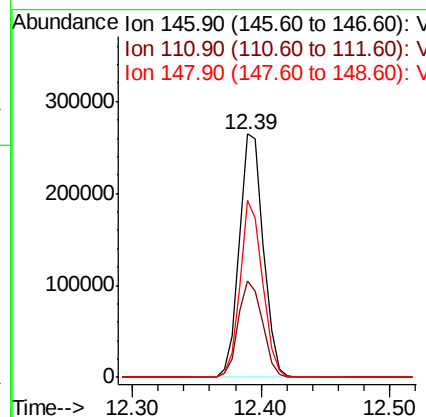
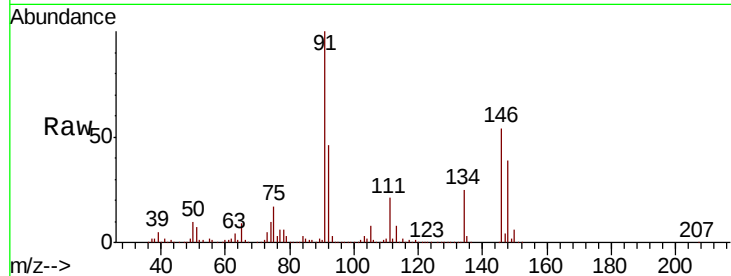
#91
 1,2-Dichlorobenzene
 Concen: 47.74 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.1
148	67.9	32.8	98.3

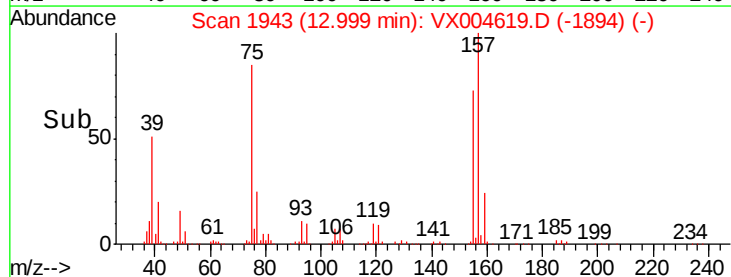
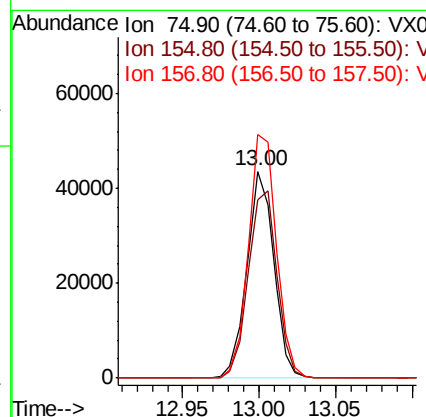
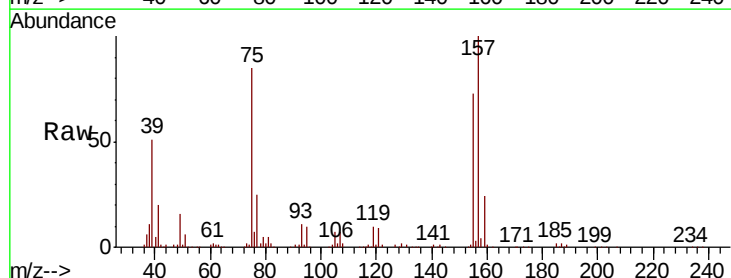
Manual Integrations
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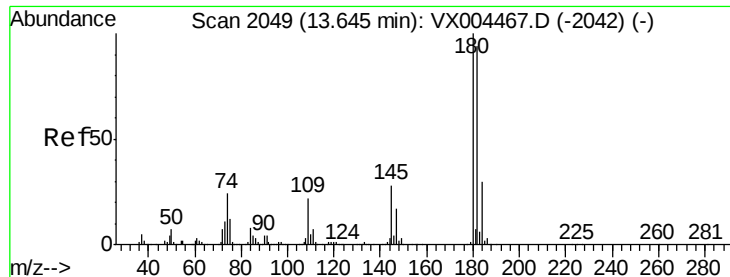
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.80 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	48.0	144.2
157	122.4	61.4	184.1





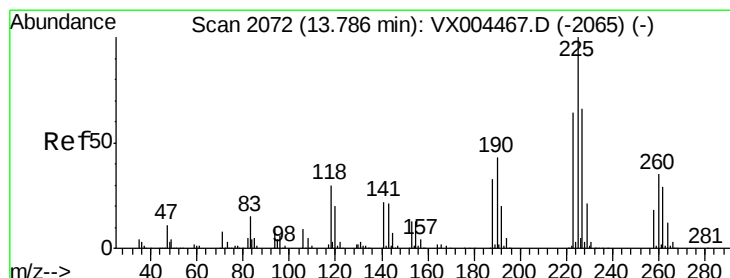
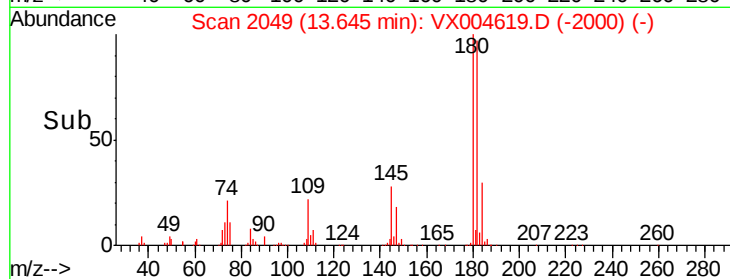
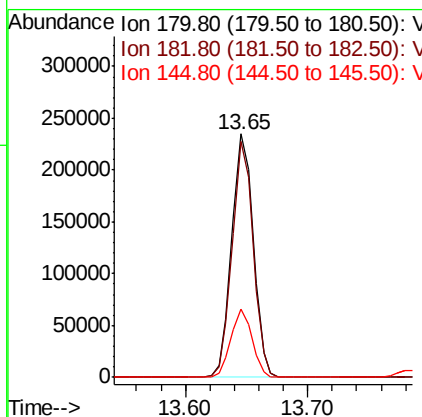
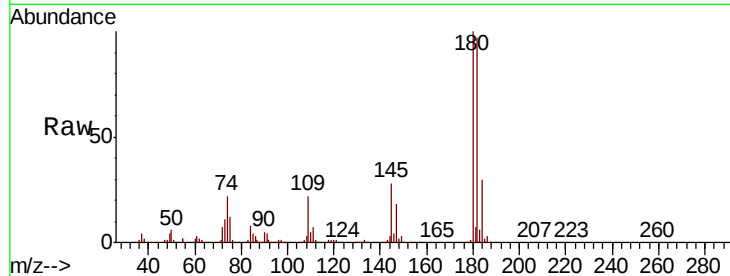
#93
 1,2,4-Trichlorobenzene
 Concen: 55.66 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	284748
Ion Ratio	Lower	Upper	
180	100		
182	94.4	48.4	145.0
145	27.5	14.3	42.9

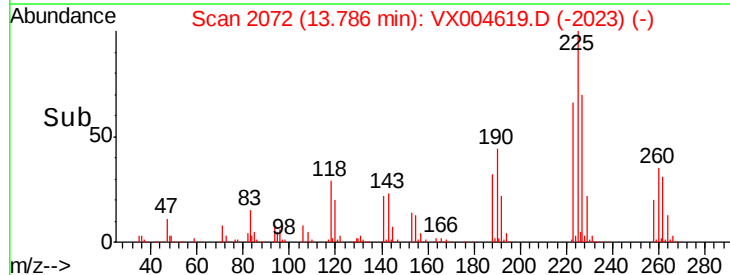
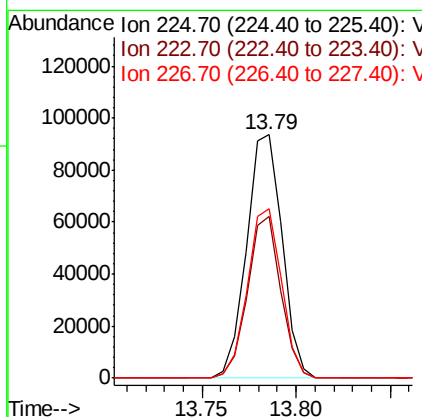
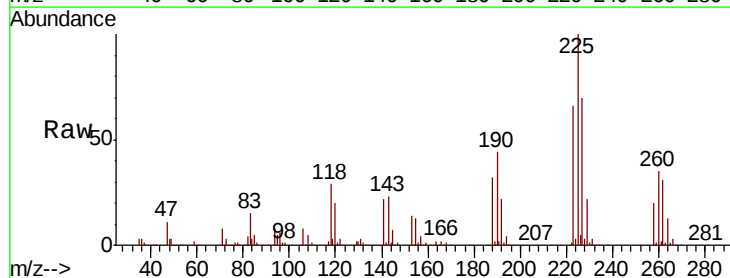
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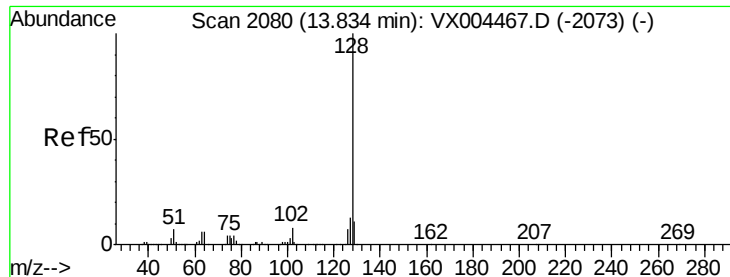
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#94
 Hexachlorobutadiene
 Concen: 45.76 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004619.D
 Acq: 16 Sep 2018 07:32

Tgt Ion:	225	Resp:	122284
Ion Ratio	Lower	Upper	
225	100		
223	62.4	30.1	90.5
227	66.9	30.8	92.4





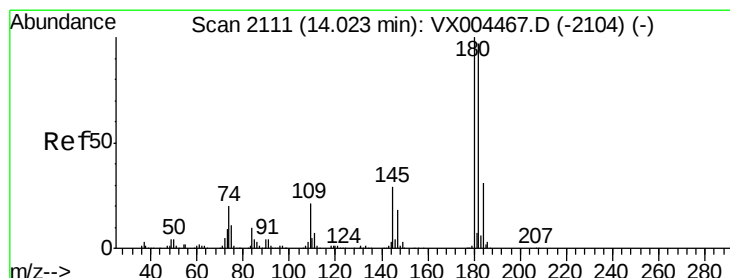
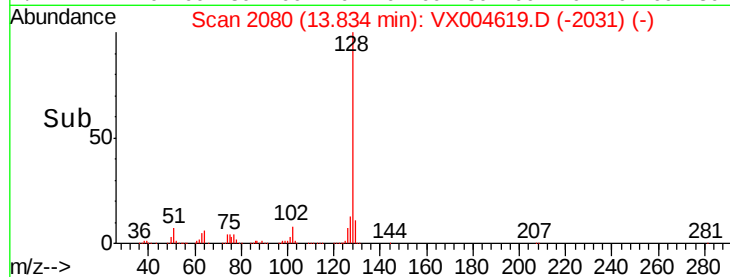
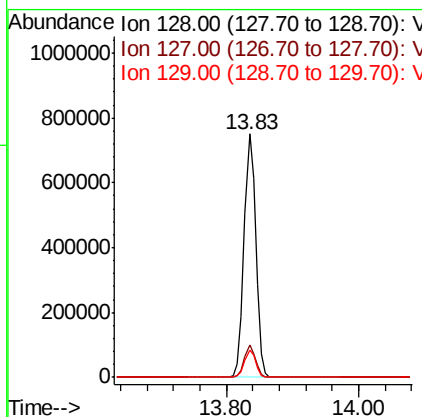
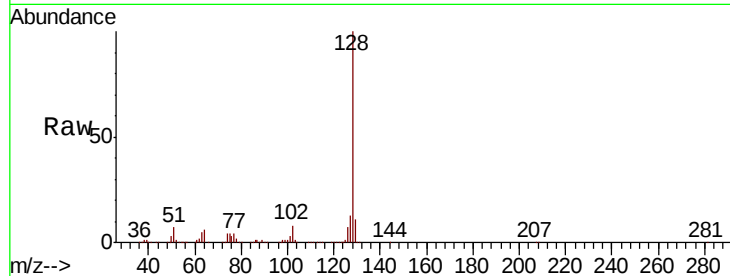
#95
Naphthalene
Concen: 63.38 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.19 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004619.D
Acq: 16 Sep 2018 07:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.6
145	31.0	14.9	44.9

