

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005227.D
 Acq On : 11 Oct 2018 00:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:02 AM

Quant Time: Oct 11 07:55:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177191	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	119457	36.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.16%	
35) Dibromofluoromethane	5.50	113	98965	35.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.12%	
50) Toluene-d8	8.72	98	360958	38.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.94%	
62) 4-Bromofluorobenzene	11.14	95	138533	40.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	162827	52.24	ug/l	98
3) Chloromethane	1.32	50	181504	48.00	ug/l	99
4) Vinyl Chloride	1.40	62	176120	49.66	ug/l	99
5) Bromomethane	1.64	94	105358	50.09	ug/l	94
6) Chloroethane	1.71	64	102146	52.98	ug/l	98
7) Trichlorofluoromethane	1.92	101	229916	52.36	ug/l	95
8) Diethyl Ether	2.19	74	89125	46.72	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	124248	49.68	ug/l	99
10) Methyl Iodide	2.51	142	155109	46.34	ug/l	91
11) Tert butyl alcohol	3.09	59	238462	261.16	ug/l	98
12) 1,1-Dichloroethene	2.37	96	121470	49.04	ug/l	95
13) Acrolein	2.29	56	110711	170.41	ug/l	91
14) Allyl chloride	2.72	41	264331	48.91	ug/l	95
15) Acrylonitrile	3.15	53	508429	252.94	ug/l	97
16) Acetone	2.45	43	455927	239.14	ug/l	93
17) Carbon Disulfide	2.56	76	356493	47.90	ug/l	99
18) Methyl Acetate	2.78	43	262658	54.38	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	439831	51.48	ug/l	96
20) Methylene Chloride	2.85	84	138137	49.83	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	129404	47.72	ug/l	84
22) Diisopropyl ether	3.87	45	435560	47.86	ug/l	98
23) Vinyl Acetate	3.82	43	1957865	235.02	ug/l	99
24) 1,1-Dichloroethane	3.69	63	260142	47.92	ug/l	99
25) 2-Butanone	4.71	43	661151	235.26	ug/l	97
26) 2,2-Dichloropropane	4.58	77	137109	36.27	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	135326	44.68	ug/l	96
28) Bromochloromethane	5.02	49	91217	35.68	ug/l	96
29) Tetrahydrofuran	5.16	42	430522	246.48	ug/l	98
30) Chloroform	5.21	83	233120	45.44	ug/l	99
31) Cyclohexane	5.57	56	208909	50.28	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	202772	48.39	ug/l	95
36) 1,1-Dichloropropene	5.80	75	173517	45.06	ug/l	95
37) Ethyl Acetate	4.86	43	236140	46.20	ug/l	98
38) Carbon Tetrachloride	5.78	117	182762	45.15	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	199792	50.81	ug/l #	86
40) Benzene	6.14	78	522945	43.38	ug/l	95
41) Methacrylonitrile	5.06	41	128350	45.28	ug/l	97
42) 1,2-Dichloroethane	6.20	62	189614	44.49	ug/l	98
43) Isopropyl Acetate	6.46	43	352211	47.74	ug/l	98
44) Trichloroethene	7.21	130	139890	47.20	ug/l	97
45) 1,2-Dichloropropane	7.52	63	140223	47.43	ug/l	98
46) Dibromomethane	7.66	93	90410	48.66	ug/l	99
47) Bromodichloromethane	7.90	83	176761	50.81	ug/l	99
48) Methyl methacrylate	7.78	41	181454	54.19	ug/l	99
49) 1,4-Dioxane	7.76	88	86319	1037.56	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1234866	265.83	ug/l	99
52) Toluene	8.79	92	327849	49.49	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	190608	48.49	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	206436	50.14	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136786	47.14	ug/l	97
56) Ethyl methacrylate	9.18	69	215682	46.05	ug/l	97
57) 1,3-Dichloropropane	9.37	76	227263	47.06	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	469086	191.17	ug/l	99
59) 2-Hexanone	9.50	43	994162	256.82	ug/l	95
60) Dibromochloromethane	9.59	129	145647	50.19	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142803	45.95	ug/l	95
64) Tetrachloroethene	9.34	164	143157	46.61	ug/l	96
65) Chlorobenzene	10.14	112	370152	46.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	135962	48.32	ug/l	100
67) Ethyl Benzene	10.26	91	634655	49.95	ug/l	96
68) m/p-Xylenes	10.36	106	493896	99.48	ug/l	95
69) o-Xylene	10.70	106	236899	51.95	ug/l	99
70) Styrene	10.71	104	404824	47.57	ug/l	100
71) Bromoform	10.86	173	122206	50.74	ug/l	97
73) Isopropylbenzene	11.02	105	644017	57.66	ug/l	100
74) N-amyl acetate	10.90	43	310584	50.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228231	50.20	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	208282m	52.44	ug/l	
77) Bromobenzene	11.26	156	172497	53.17	ug/l	99
78) n-propylbenzene	11.36	91	740433	57.78	ug/l	99
79) 2-Chlorotoluene	11.42	91	440970	55.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	549817	53.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60852	42.12	ug/l	99
82) 4-Chlorotoluene	11.51	91	521796	55.50	ug/l	99
83) tert-Butylbenzene	11.77	119	549935	59.81	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	570066	54.02	ug/l	99
85) sec-Butylbenzene	11.94	105	661539	59.06	ug/l	100
86) p-Isopropyltoluene	12.07	119	594808	58.62	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	320746	52.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	324042	51.82	ug/l	99
89) n-Butylbenzene	12.39	91	520380	56.47	ug/l	99
90) Hexachloroethane	12.60	117	96121	56.89	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	324838	51.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56751	56.85	ug/l	100

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VSTDCCC050EC

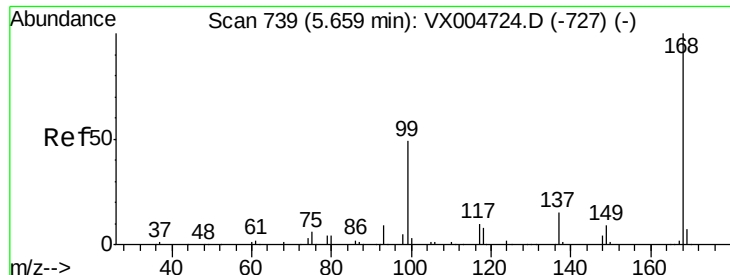
Manual Integrations
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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	248466	55.95	ug/l	100
94) Hexachlorobutadiene	13.79	225	120808	52.46	ug/l	99
95) Naphthalene	13.83	128	787327	53.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	259288	56.52	ug/l	99

(#) = 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. 0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 228603

Ion Ratio Lower Upper

168 100

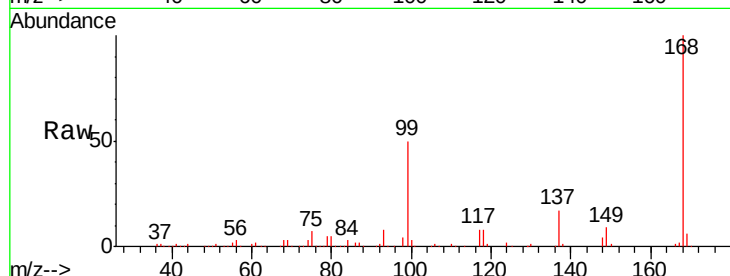
99 49.8 39.3 58.9

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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

80000

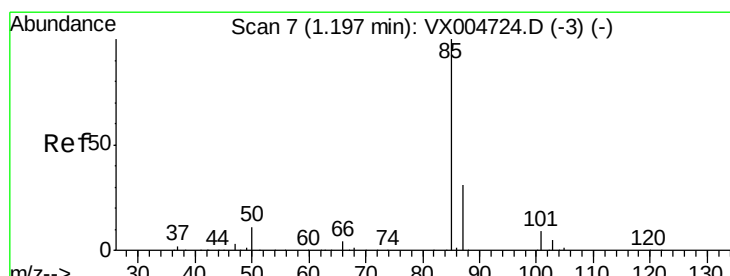
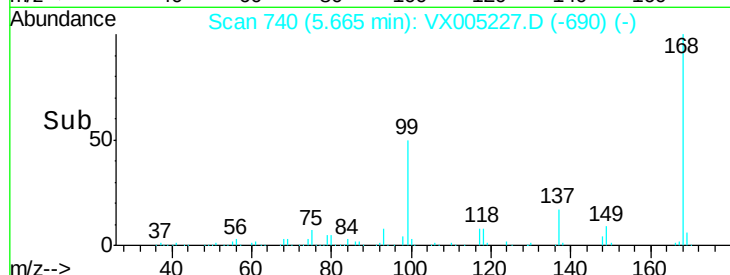
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.24 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005227.D

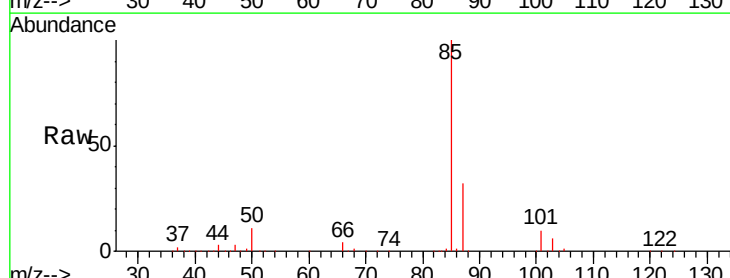
Acq: 11 Oct 2018 00:29

Tgt Ion: 85 Resp: 162827

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

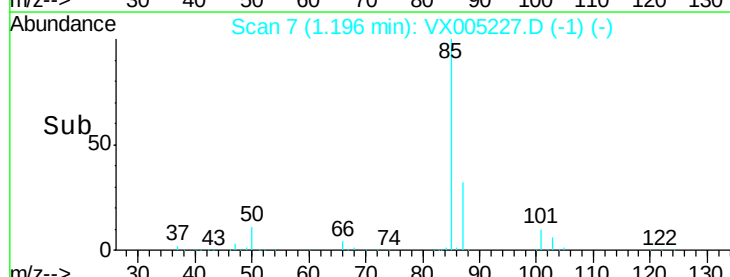
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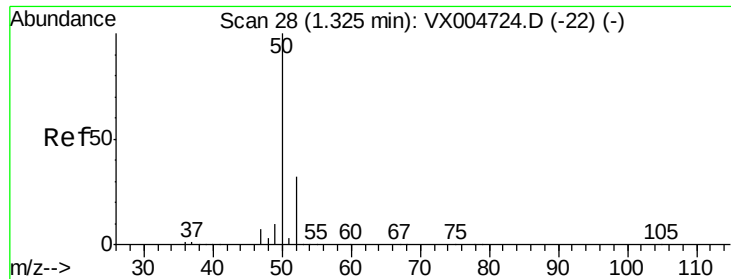
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Time-->





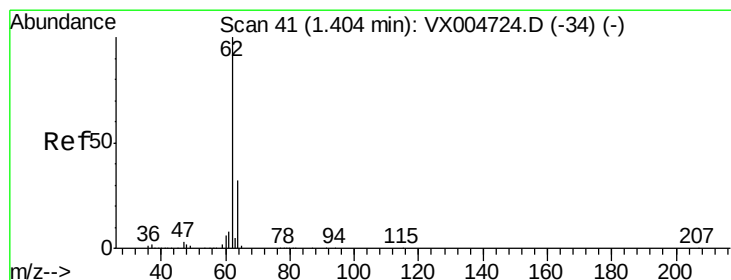
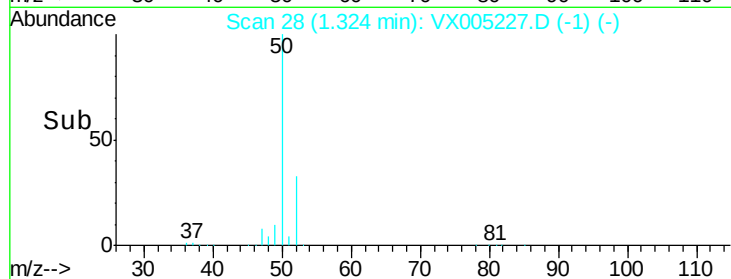
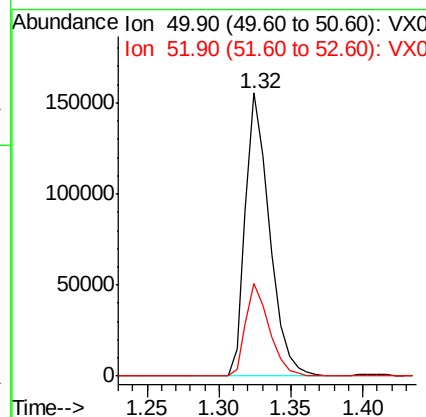
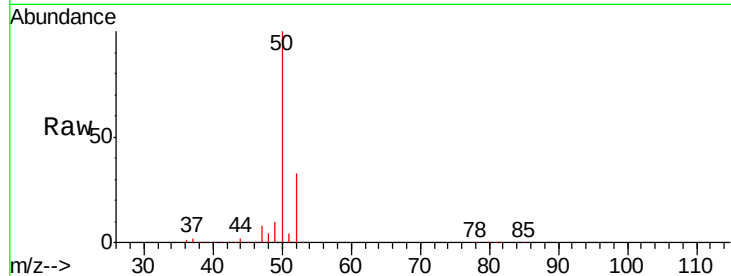
#3
Chloromethane
Concen: 48.00 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 181504
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.6

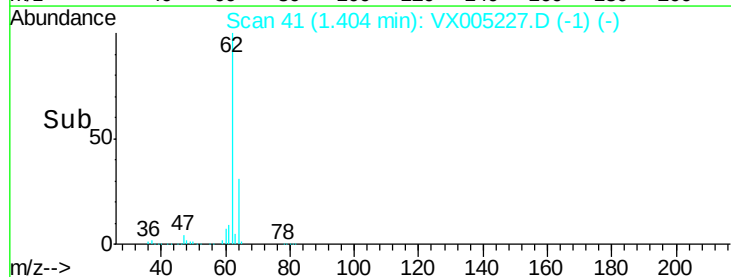
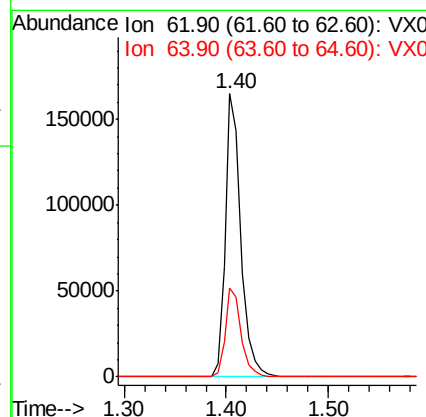
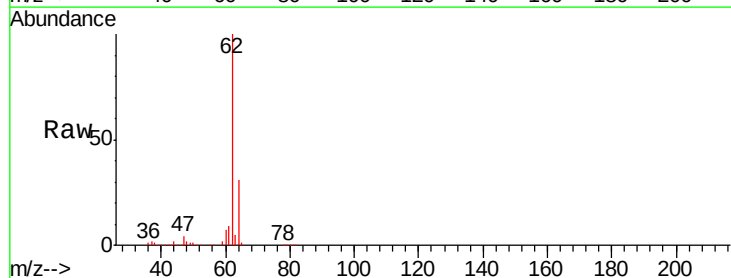
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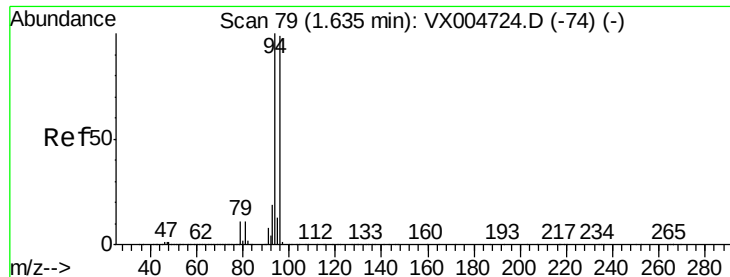
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#4
Vinyl Chloride
Concen: 49.66 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 62 Resp: 176120
Ion Ratio Lower Upper
62 100
64 31.2 25.5 38.3





#5

Bromomethane

Concen: 50.09 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 105358

Ion Ratio Lower Upper

94 100

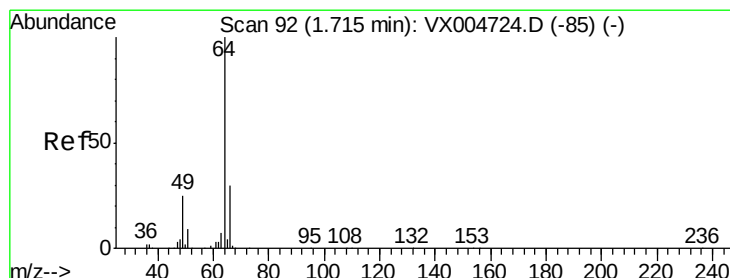
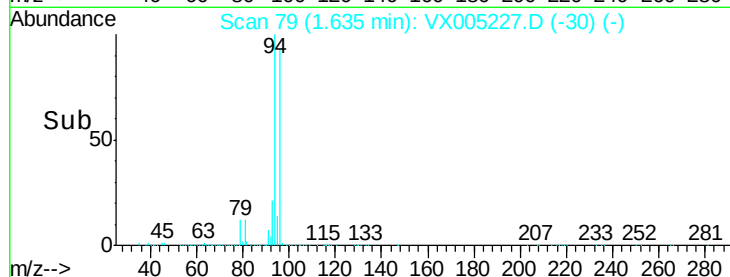
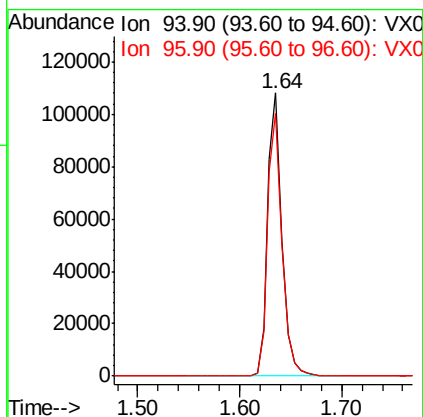
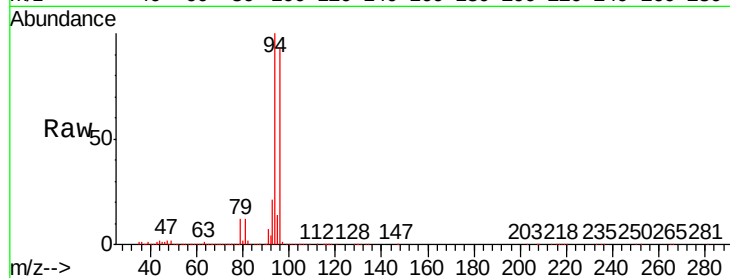
96 93.1 79.5 119.3

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#6

Chloroethane

Concen: 52.98 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005227.D

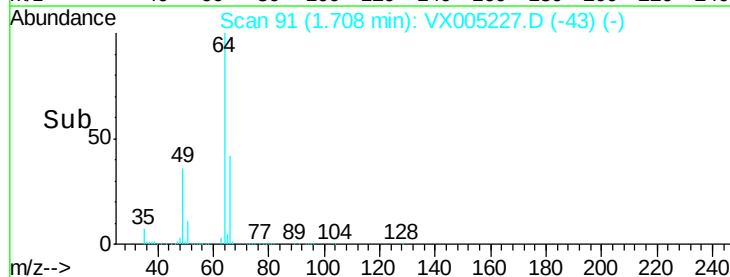
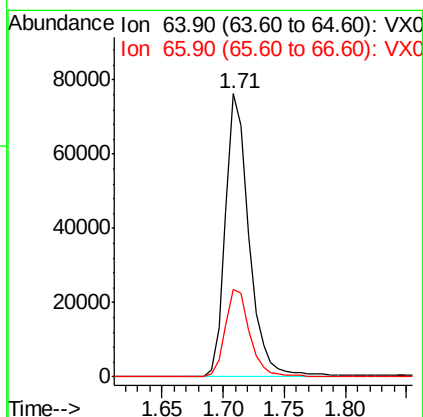
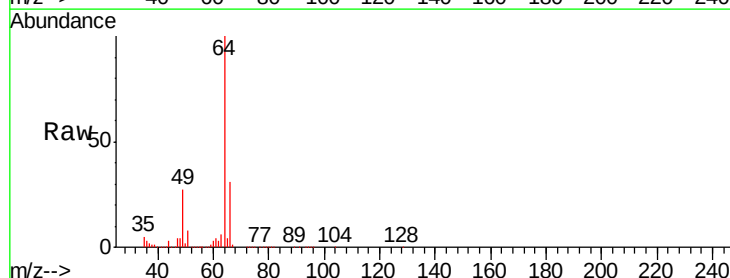
Acq: 11 Oct 2018 00:29

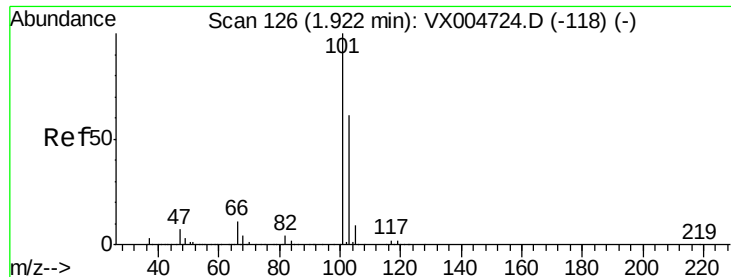
Tgt Ion: 64 Resp: 102146

Ion Ratio Lower Upper

64 100

66 30.9 23.8 35.6





#7

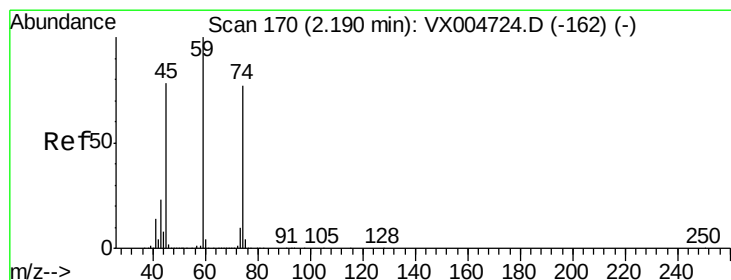
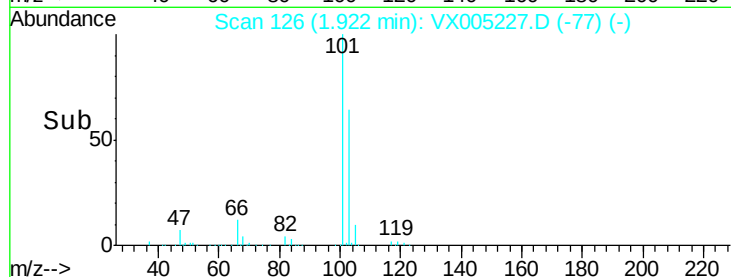
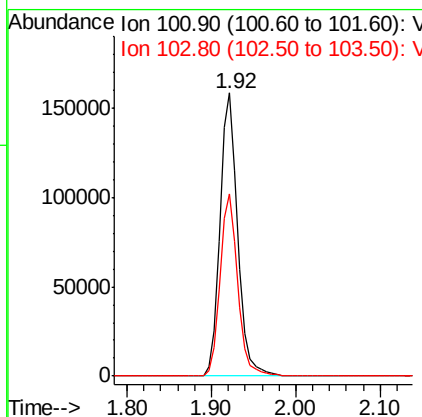
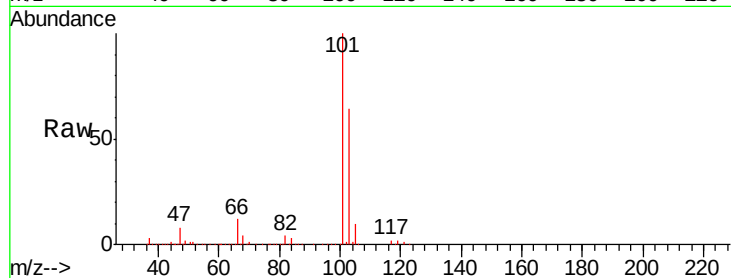
Trichlorofluoromethane
Concen: 52.36 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

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ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	48.4	72.6

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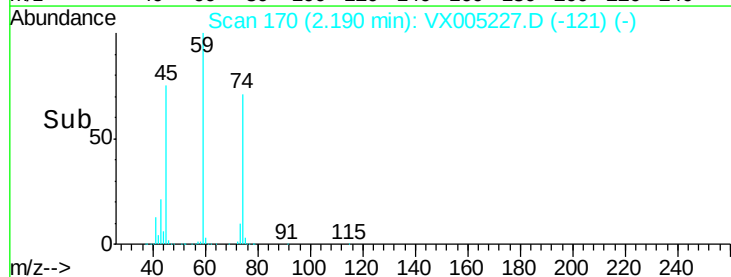
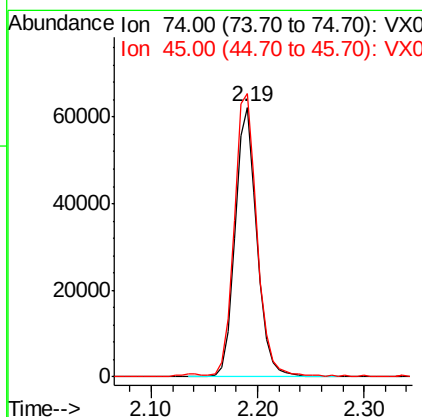
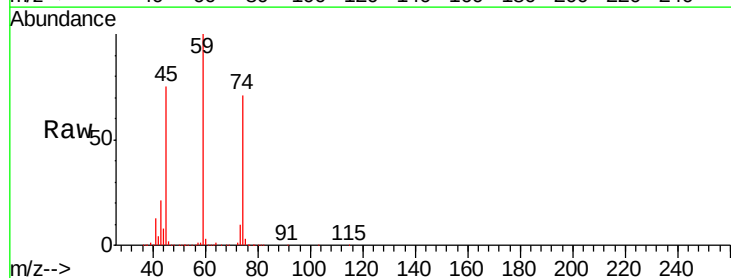
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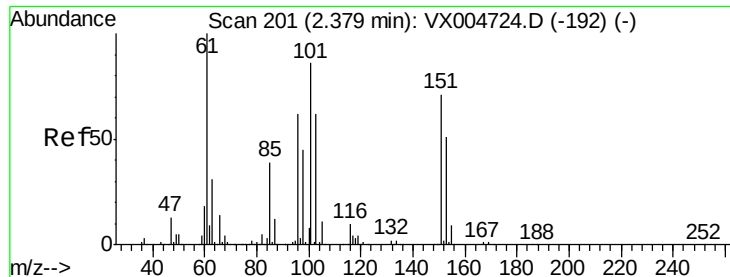


#8

Diethyl Ether
Concen: 46.72 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.1	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.68 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

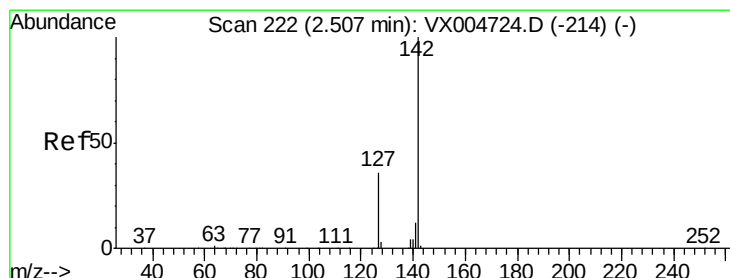
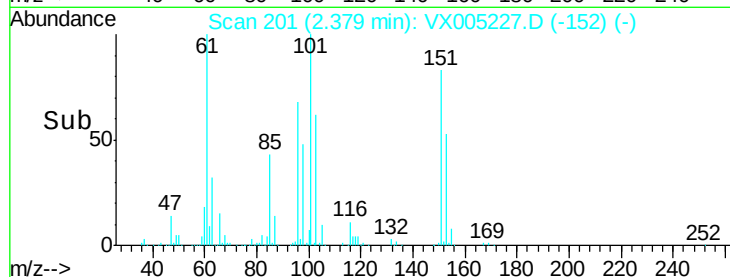
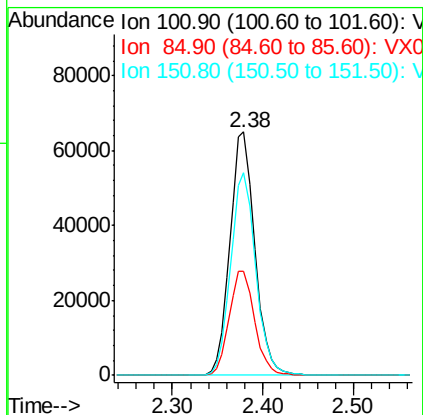
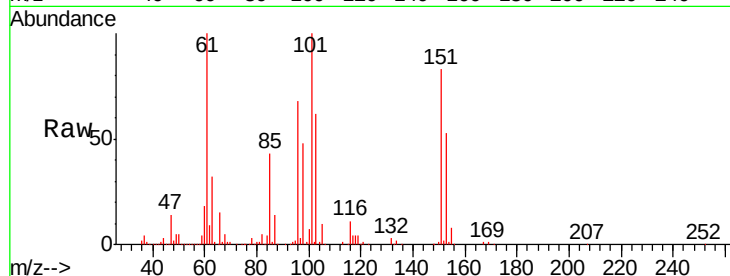
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	124248
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.9	53.9
151	83.7	66.6	100.0

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#10

Methyl Iodide

Concen: 46.34 ug/l

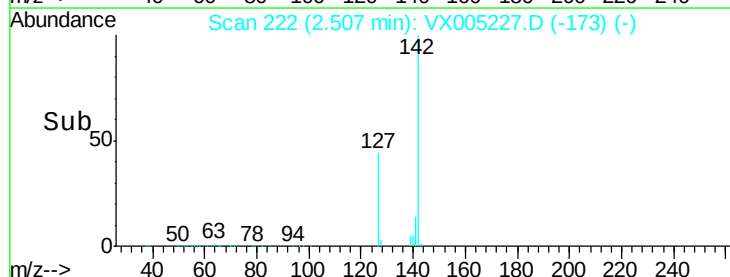
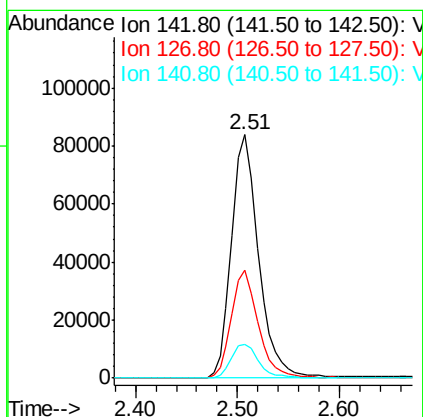
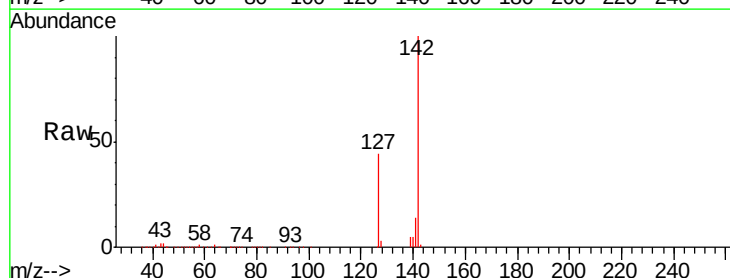
RT: 2.51 min Scan# 222

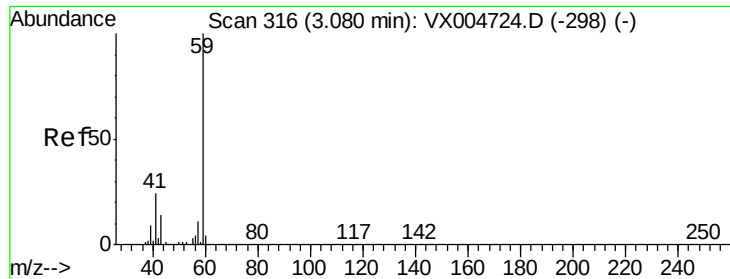
Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	142	Resp:	155109
Ion Ratio	Lower	Upper	
142	100		
127	44.1	30.1	45.1
141	14.2	10.1	15.1





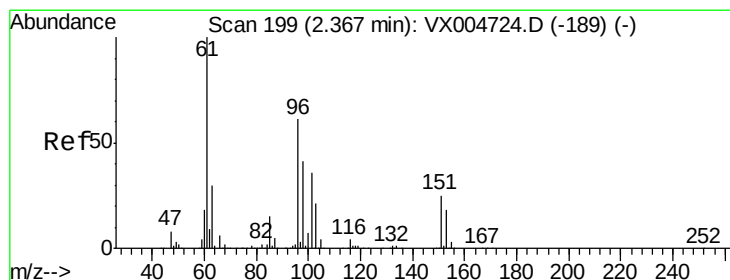
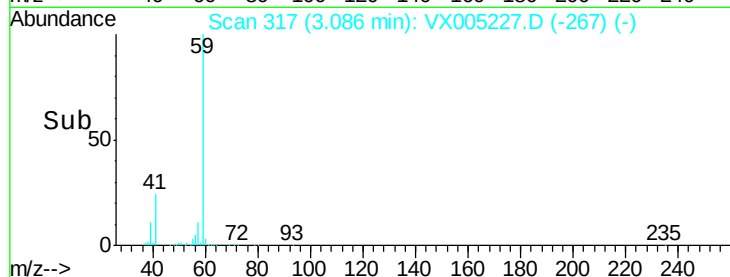
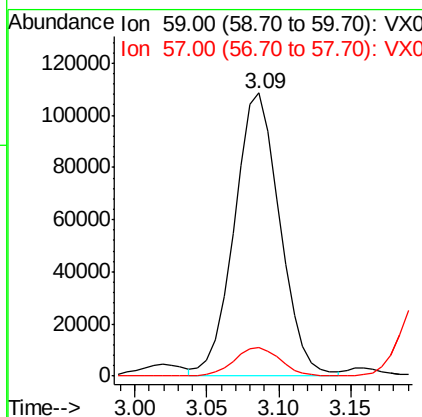
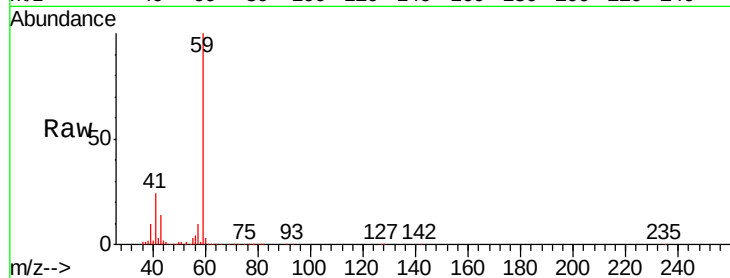
#11
Tert butyl alcohol
Concen: 261.16 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 238462
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

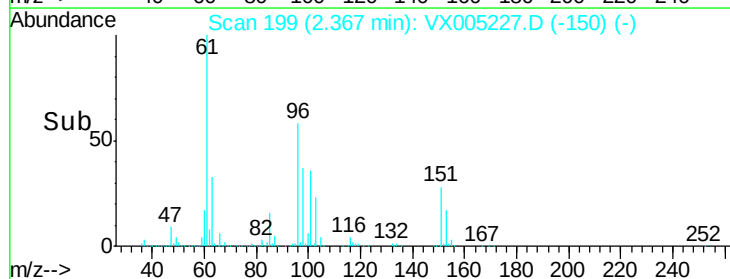
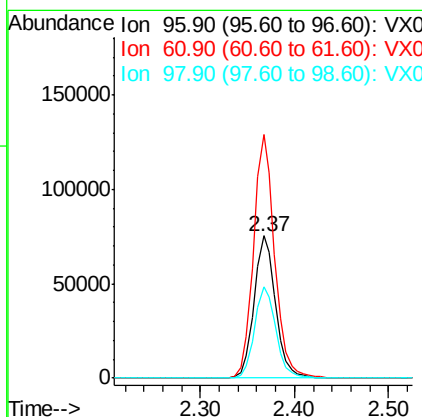
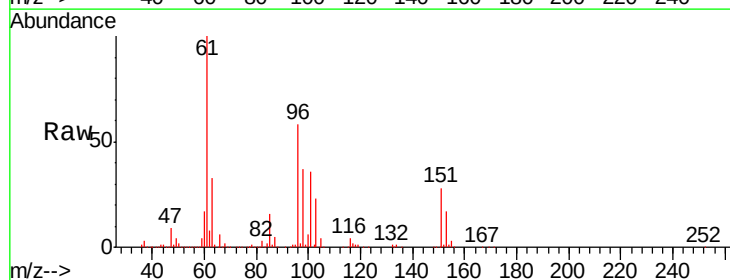
Manual Integrations
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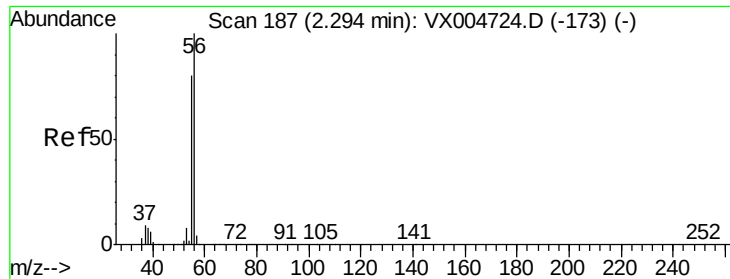
MMDadoda
10/12/2018 11:45:02 AM



#12
1,1-Dichloroethene
Concen: 49.04 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 96 Resp: 121470
Ion Ratio Lower Upper
96 100
61 171.1 130.2 195.4
98 63.9 53.4 80.0





#13

Acrolein

Concen: 170.41 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 110711

Ion Ratio Lower Upper

56 100

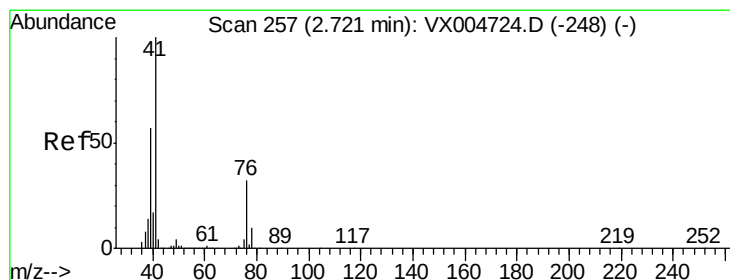
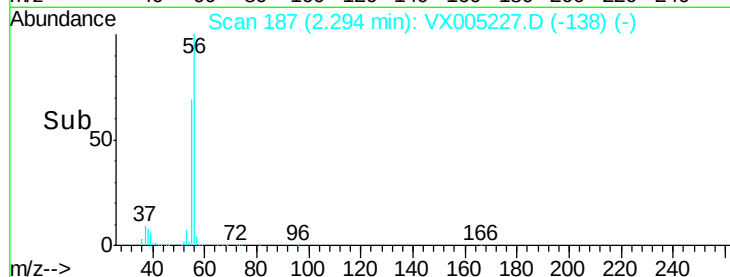
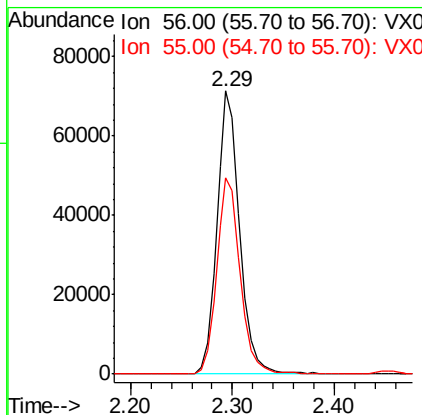
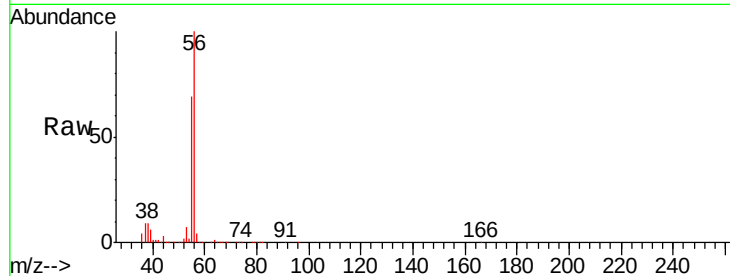
55 71.1 63.4 95.2

Manual Integrations

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#14

Allyl chloride

Concen: 48.91 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

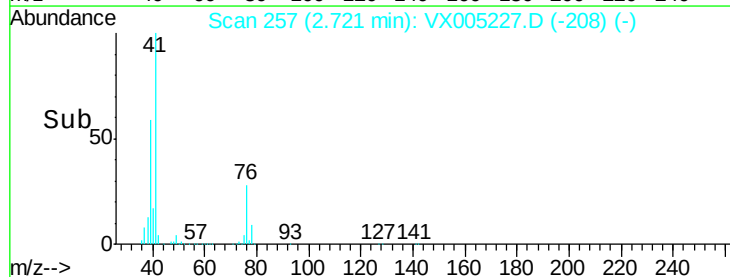
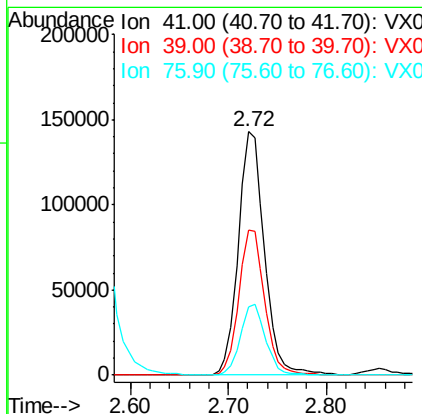
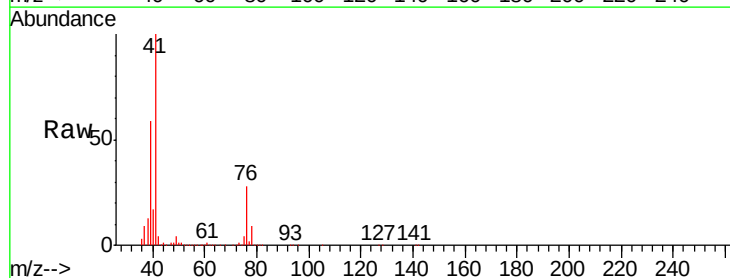
Tgt Ion: 41 Resp: 264331

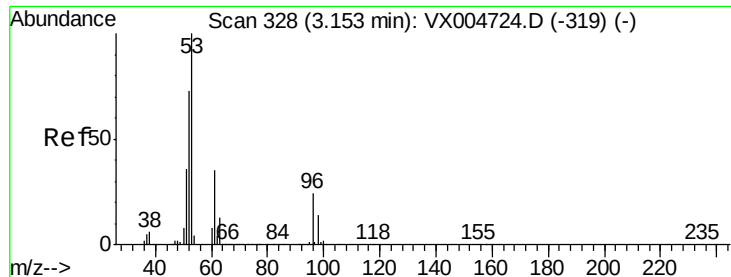
Ion Ratio Lower Upper

41 100

39 58.8 44.1 66.1

76 28.0 25.0 37.4





#15

Acrylonitrile

Concen: 252.94 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

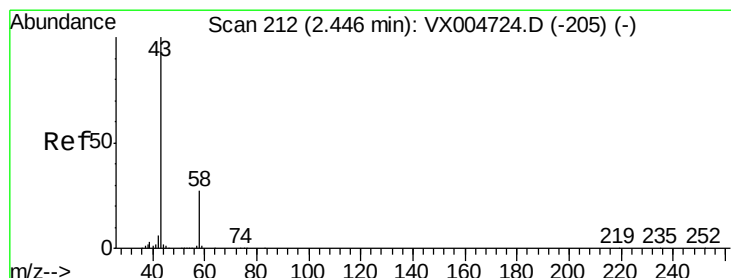
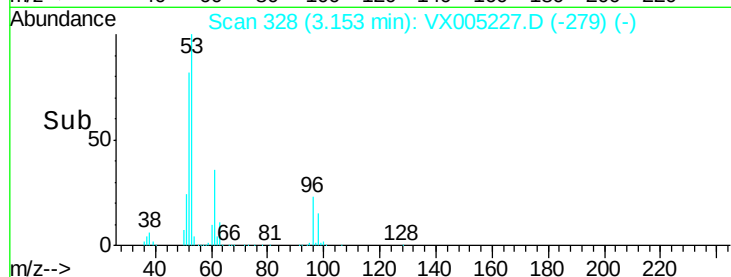
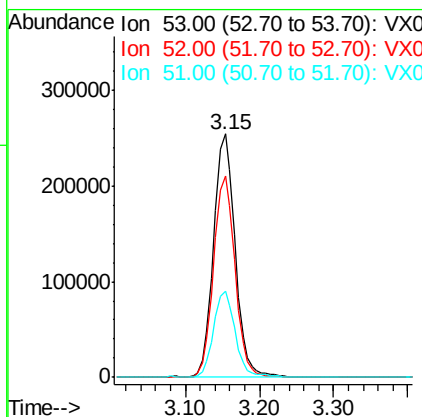
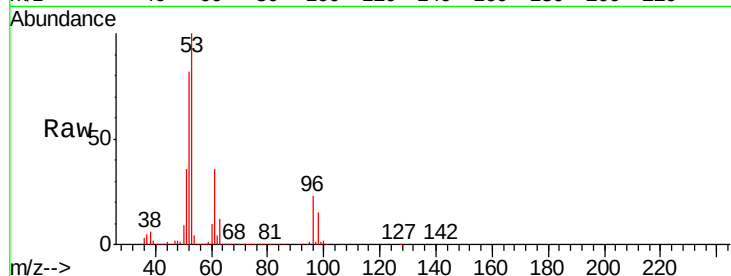
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	508429
Ion	Ratio	Lower	Upper
53	100		
52	82.8	63.0	94.4
51	35.6	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 239.14 ug/l

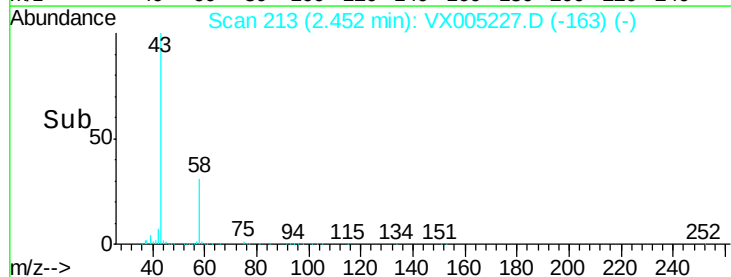
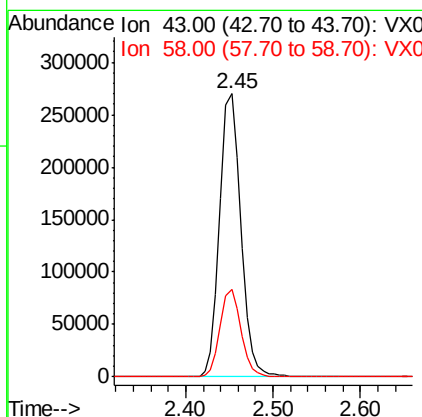
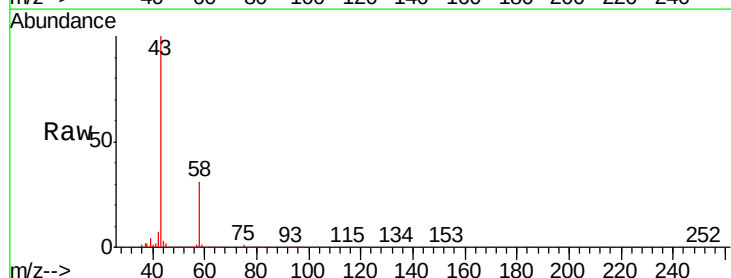
RT: 2.45 min Scan# 213

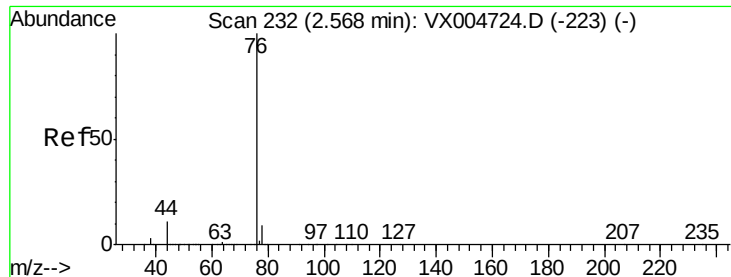
Delta R.T. 0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	43	Resp:	455927
Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.8	32.6





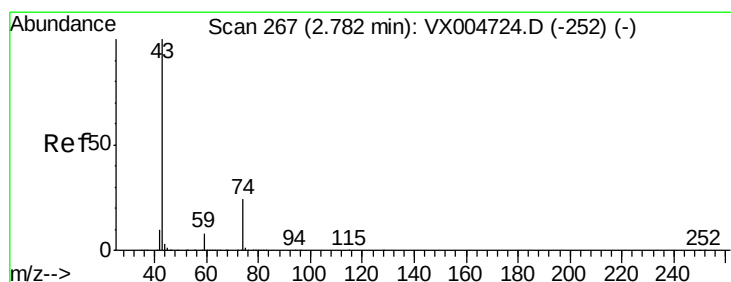
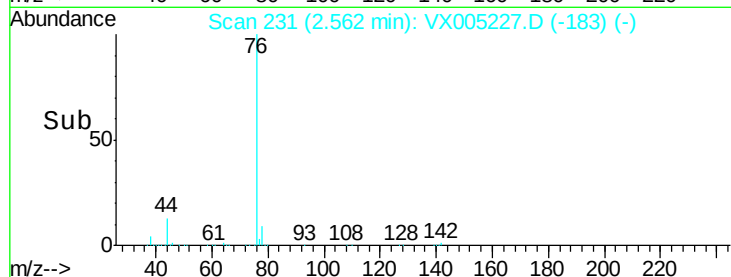
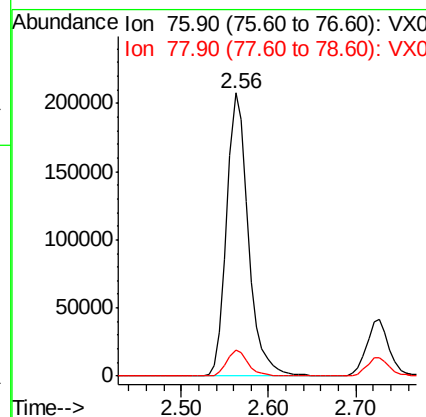
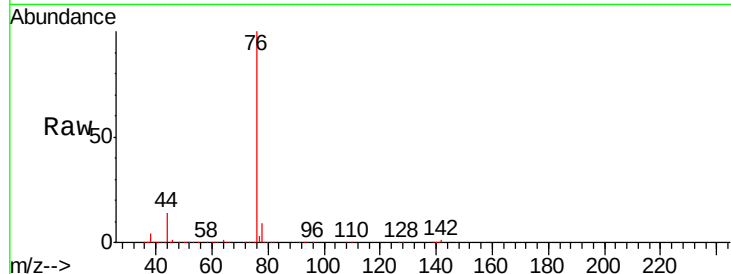
#17
Carbon Disulfide
Concen: 47.90 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

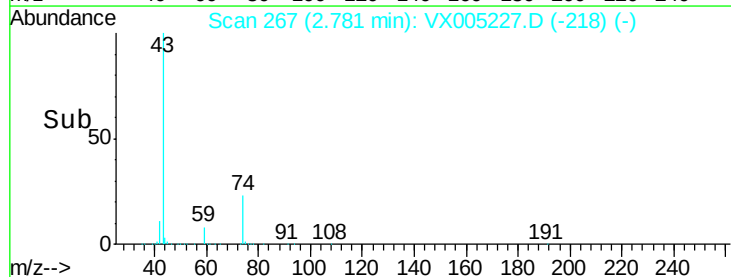
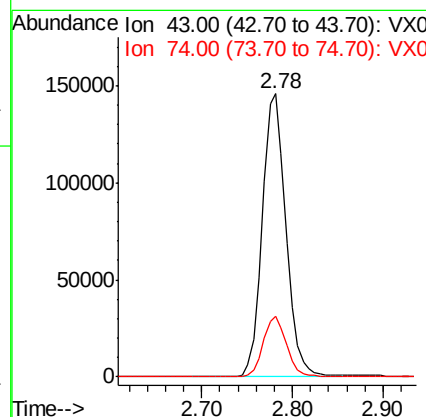
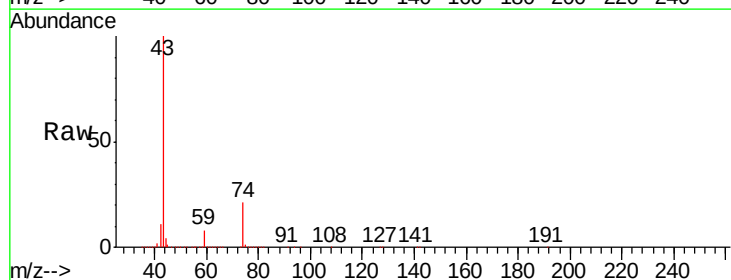
Manual Integrations
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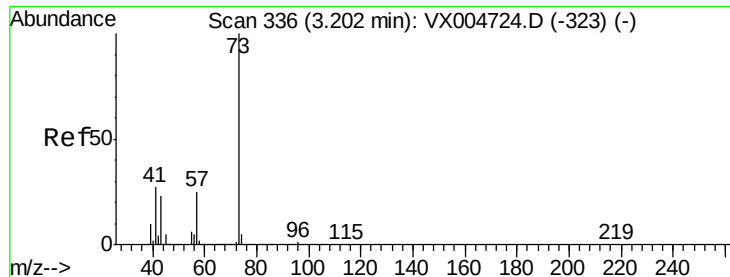
MMDadoda
10/12/2018 11:45:02 AM



#18
Methyl Acetate
Concen: 54.38 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	17.8	26.8





#19

Methyl tert-butyl Ether

Concen: 51.48 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion: 73 Resp: 439831

Ion Ratio Lower Upper

73 100

57 22.9 19.9 29.9

Instrument :

MSVOA_X

ClientSampleId :

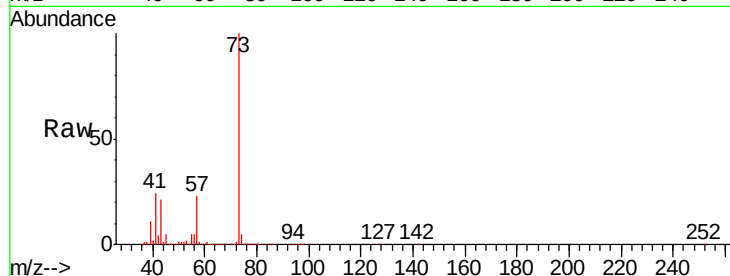
VSTDCCC050EC

Manual Integrations

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Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

200000

150000

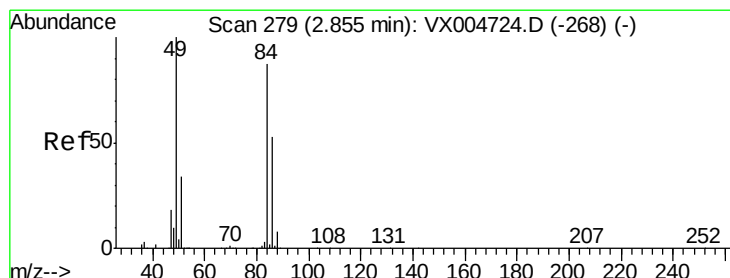
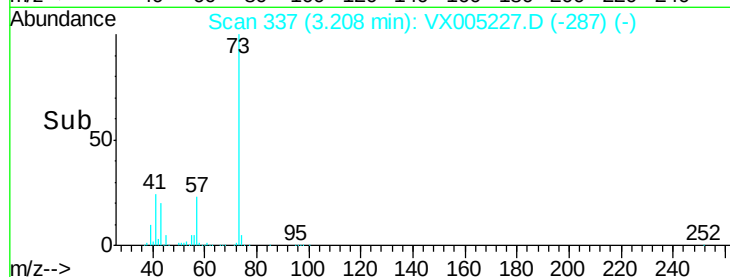
100000

50000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 49.83 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion: 84 Resp: 138137

Ion Ratio Lower Upper

84 100

49 134.7 92.3 138.5

51 42.0 31.8 47.6

86 64.0 48.5 72.7

Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

150000

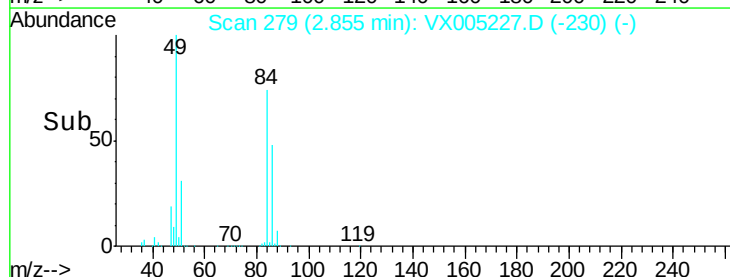
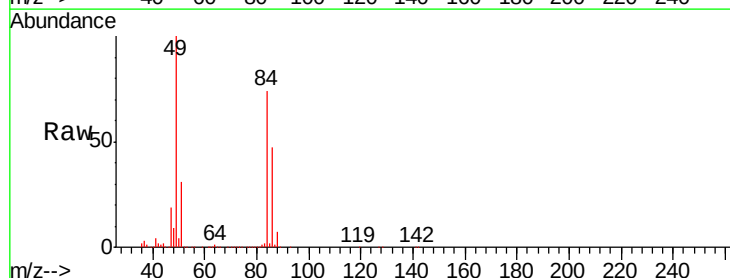
100000

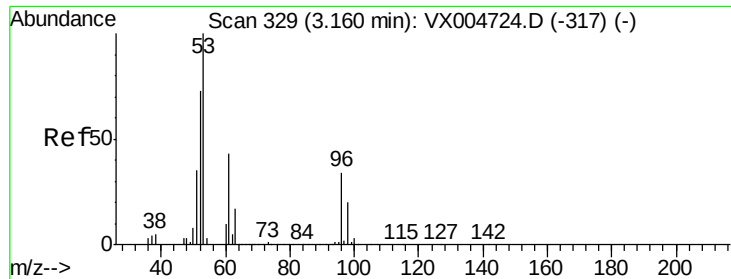
50000

0

2.80 2.85 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 47.72 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

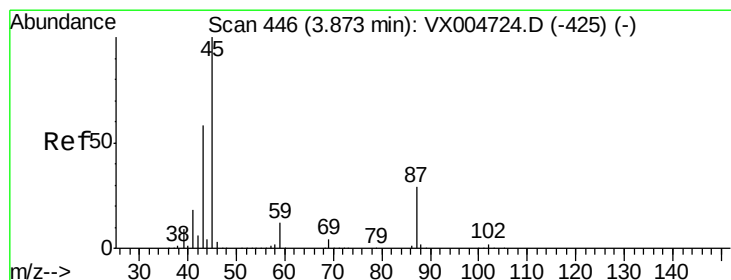
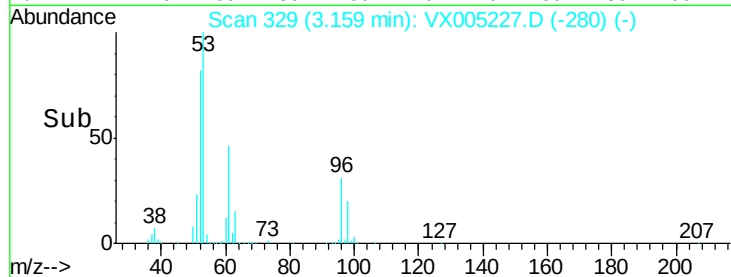
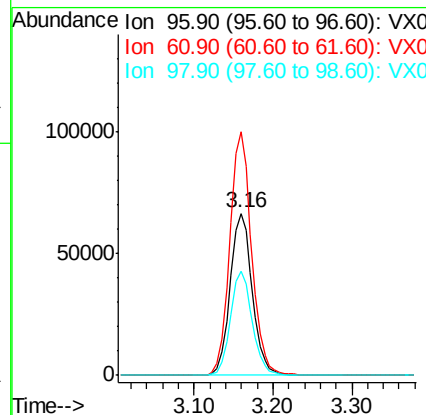
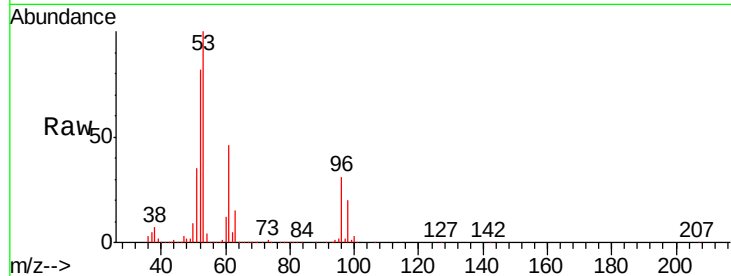
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	129404
Ion	Ratio	Lower	Upper
96	100		
61	150.0	101.0	151.6
98	64.2	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.86 ug/l

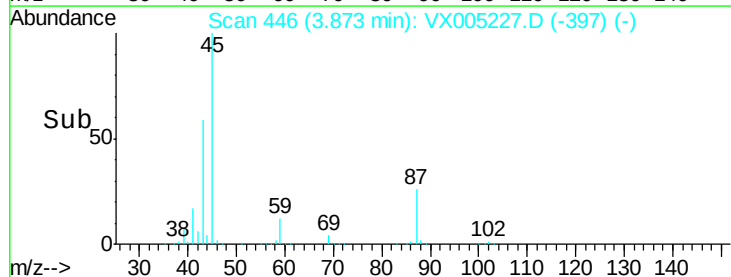
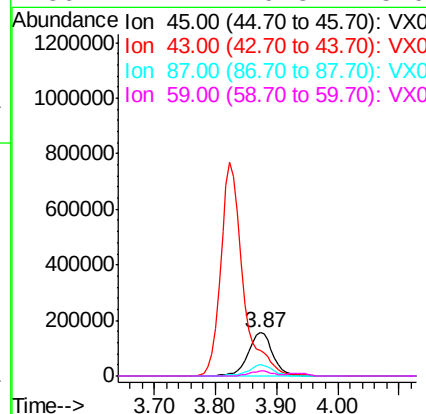
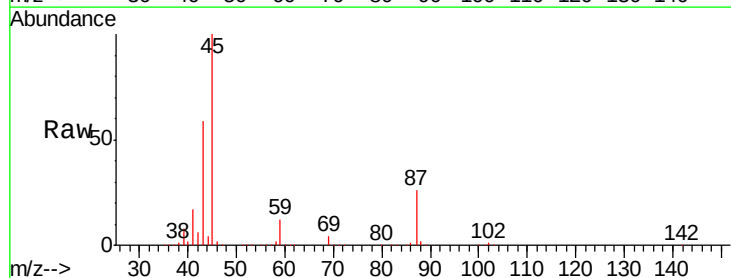
RT: 3.87 min Scan# 446

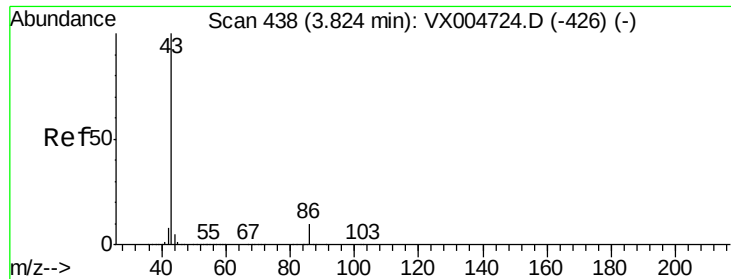
Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	45	Resp:	435560
Ion	Ratio	Lower	Upper
45	100		
43	59.1	46.7	70.1
87	25.8	22.9	34.3
59	11.7	9.3	13.9





#23

Vinyl Acetate

Concen: 235.02 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1957865

Ion Ratio Lower Upper

43 100

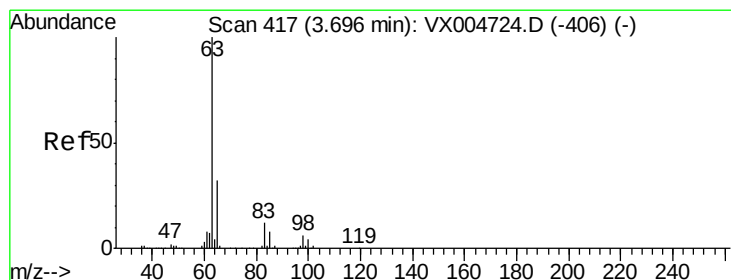
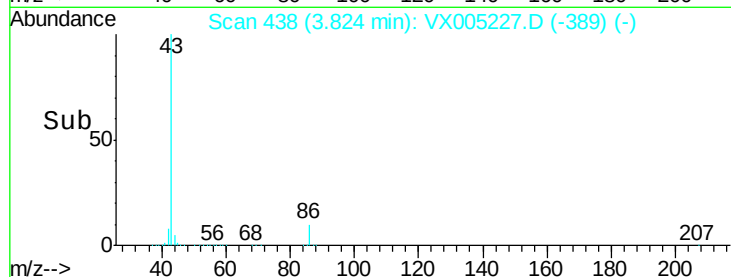
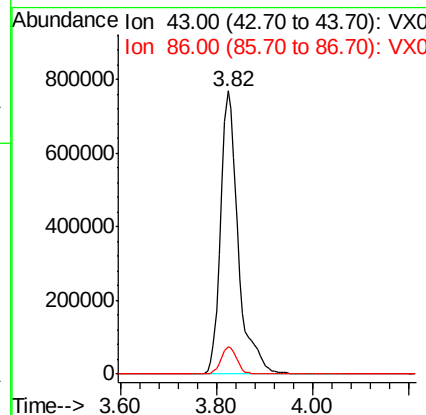
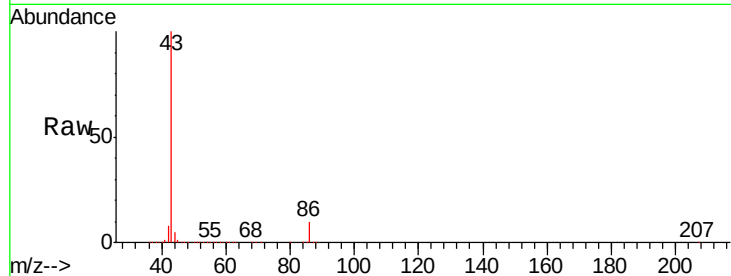
86 9.6 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 47.92 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

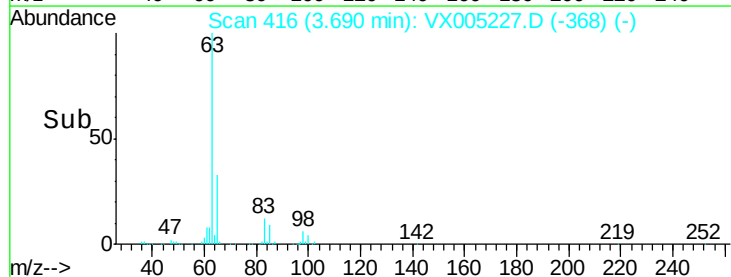
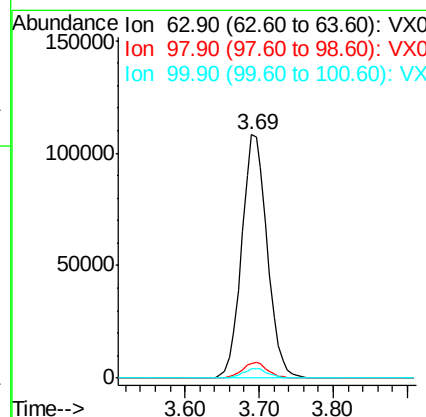
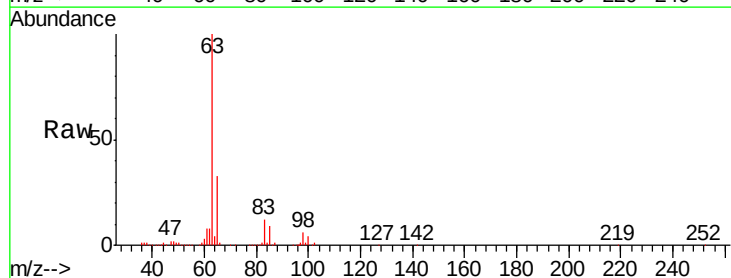
Tgt Ion: 63 Resp: 260142

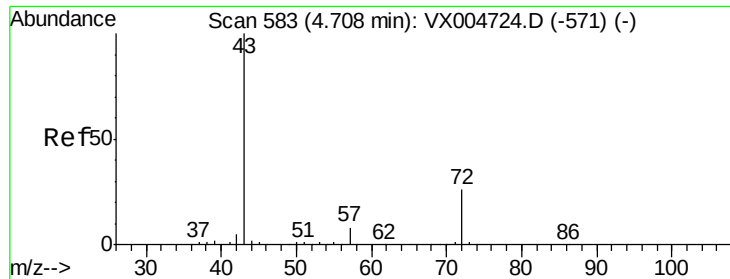
Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 235.26 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 661151

Ion Ratio Lower Upper

43 100

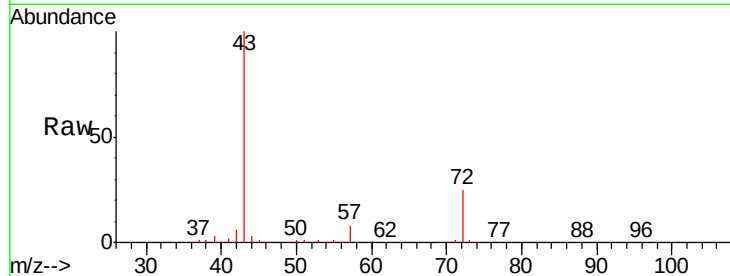
72 24.6 20.8 31.2

Manual Integrations

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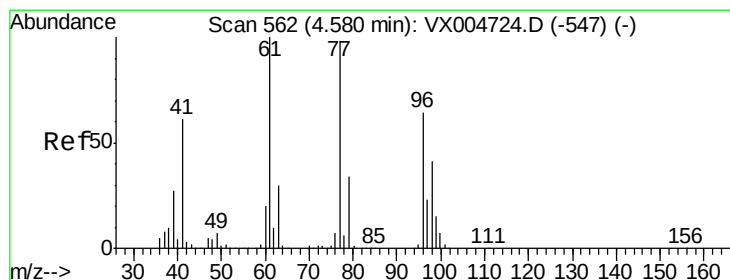
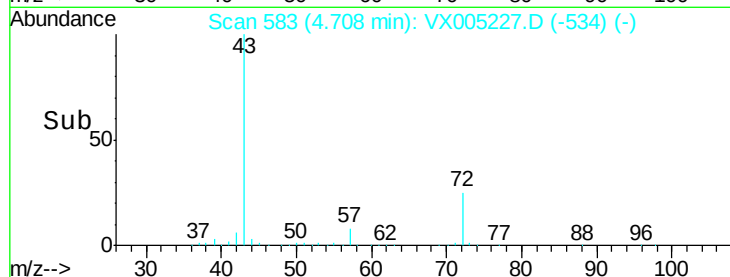
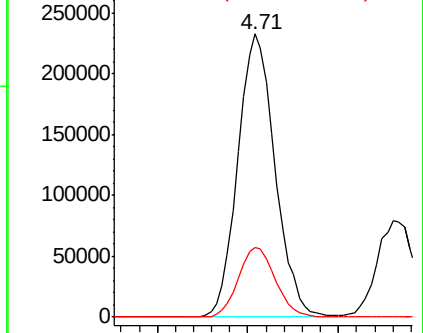
MMDadoda

10/12/2018 11:45:02 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.27 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005227.D

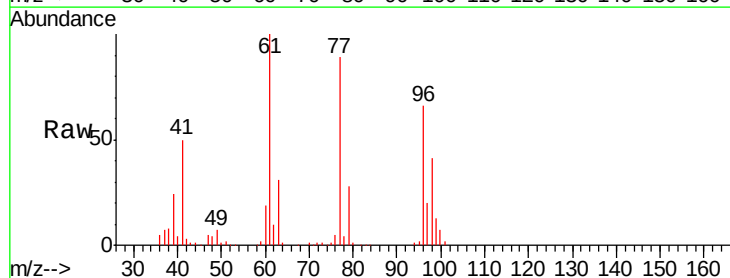
Acq: 11 Oct 2018 00:29

Tgt Ion: 77 Resp: 137109

Ion Ratio Lower Upper

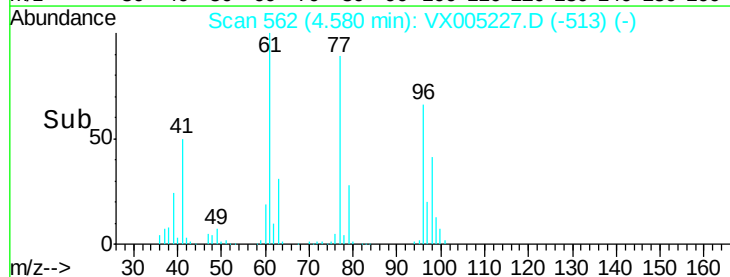
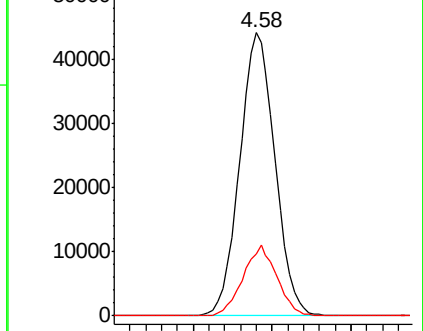
77 100

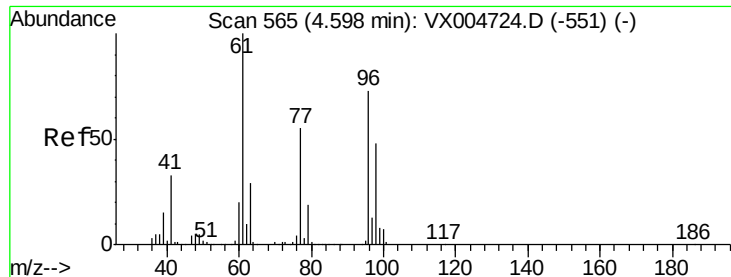
97 24.1 12.6 37.8



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: 44.68 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

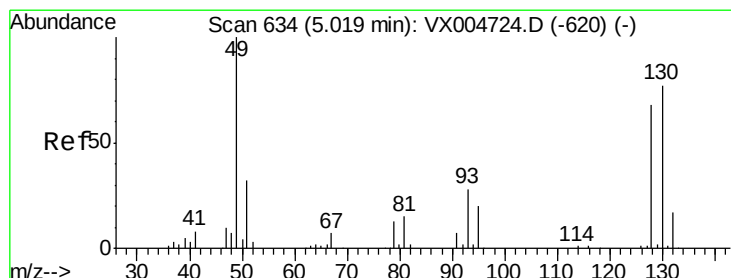
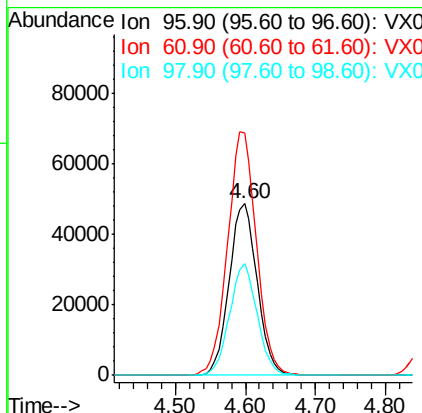
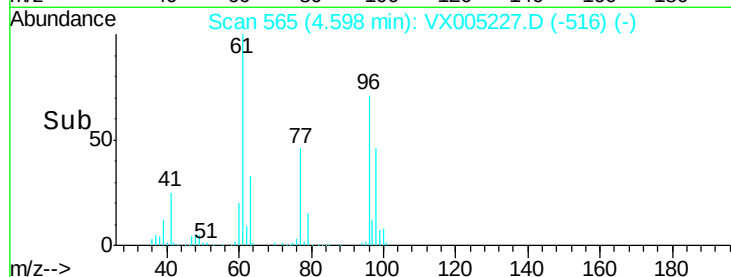
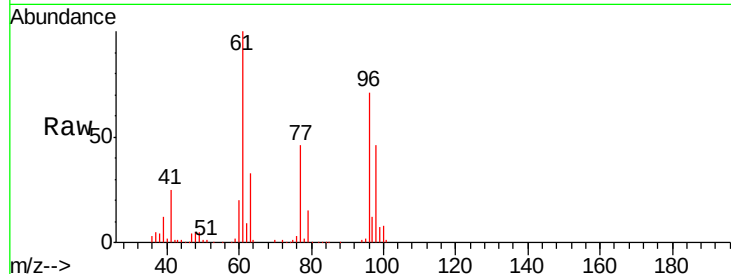
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	135326
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	285.8
98	64.1	0.0	136.2

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#28

Bromochloromethane

Concen: 35.68 ug/l

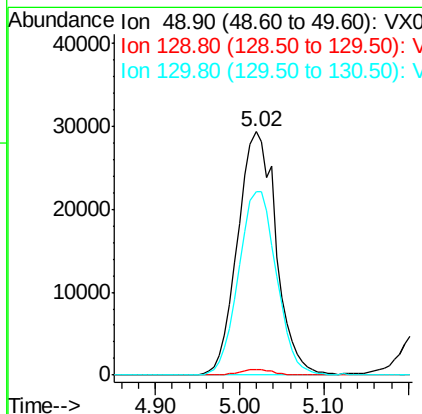
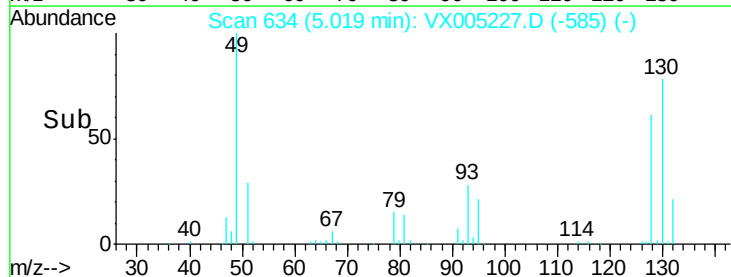
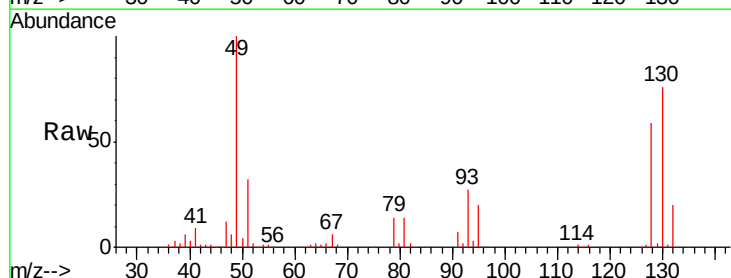
RT: 5.02 min Scan# 634

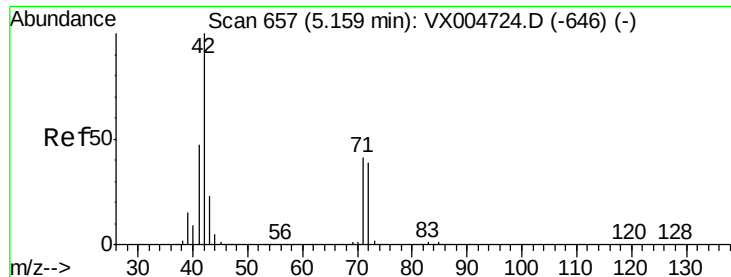
Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	49	Resp:	91217
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	74.2	62.0	93.0





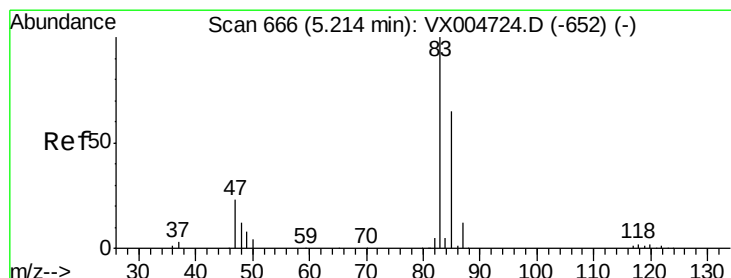
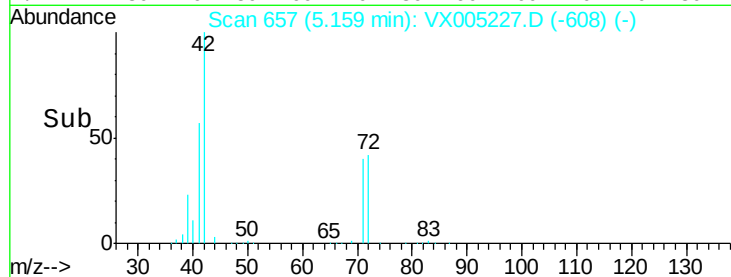
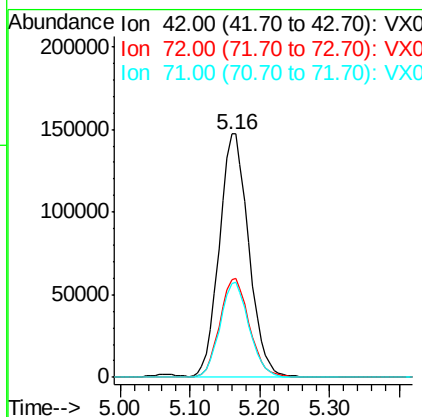
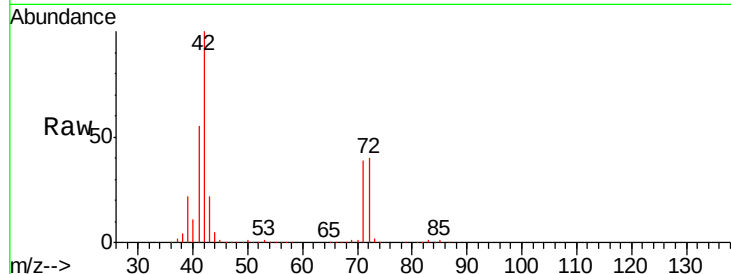
#29
Tetrahydrofuran
Concen: 246.48 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.7	50.5
71	38.9	32.2	48.4

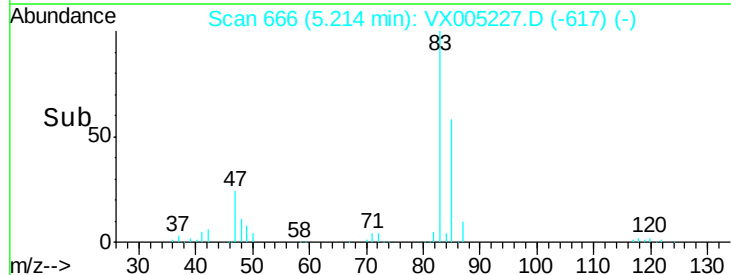
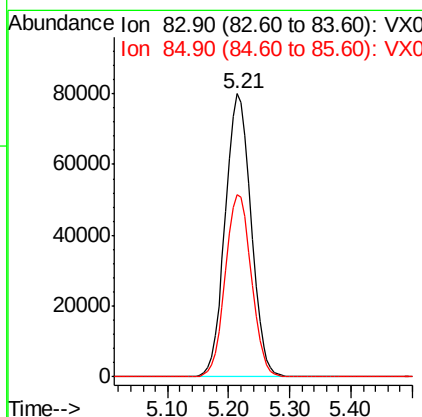
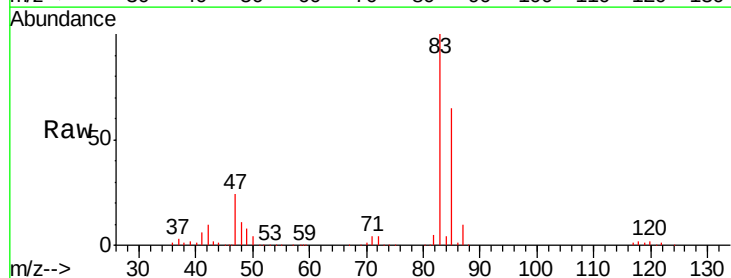
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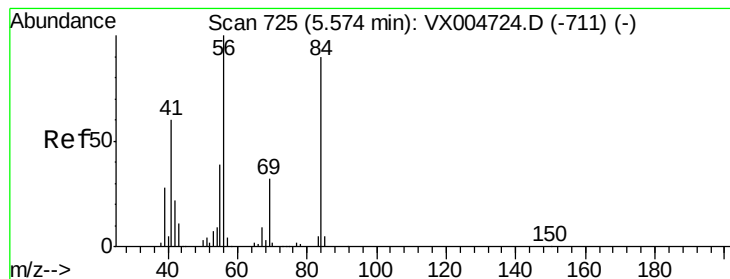
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#30
Chloroform
Concen: 45.44 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.4	78.6





#31

Cyclohexane

Concen: 50.28 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

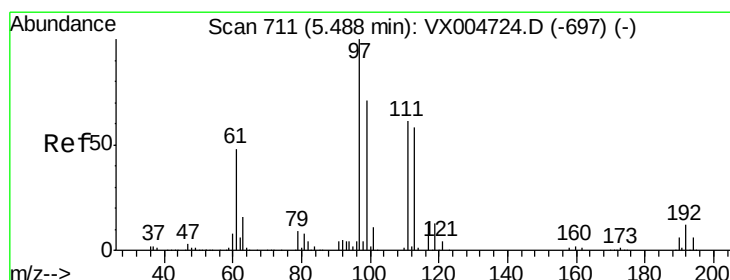
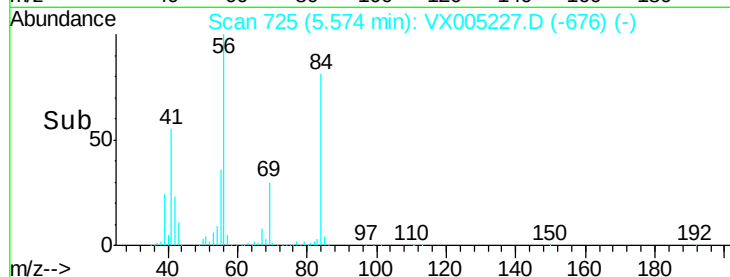
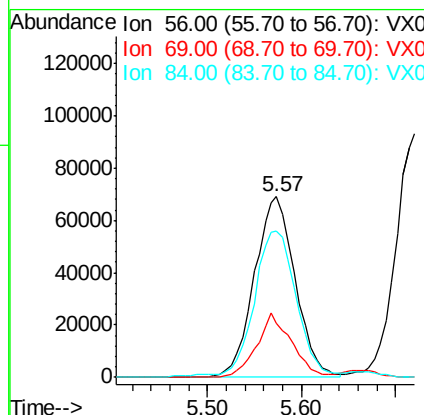
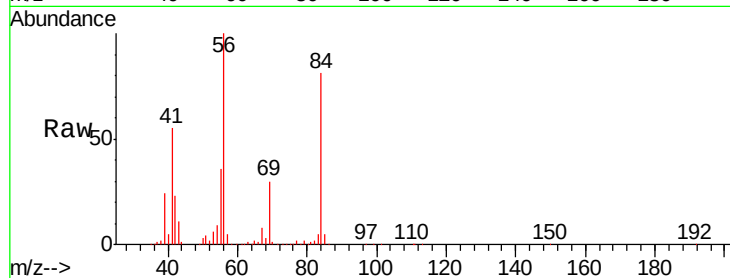
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	208909
Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.9	38.9
84	79.8	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 48.39 ug/l

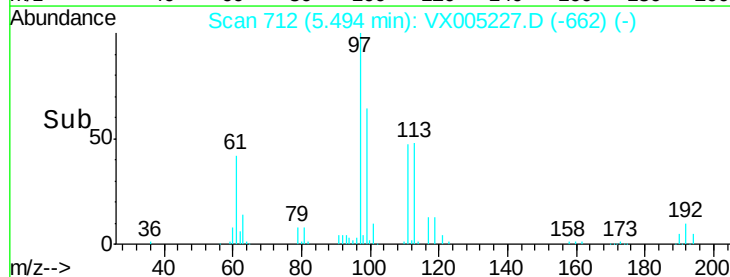
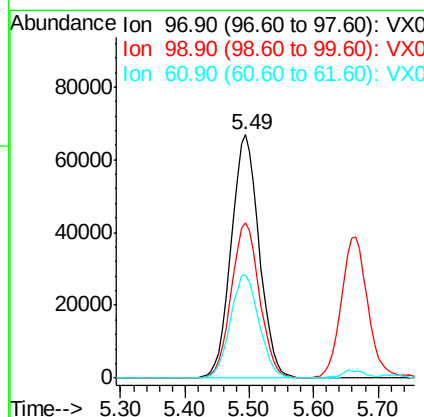
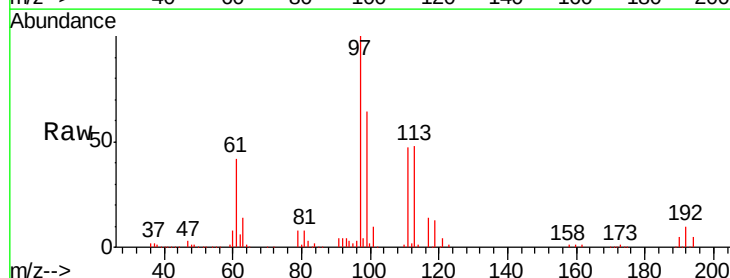
RT: 5.49 min Scan# 712

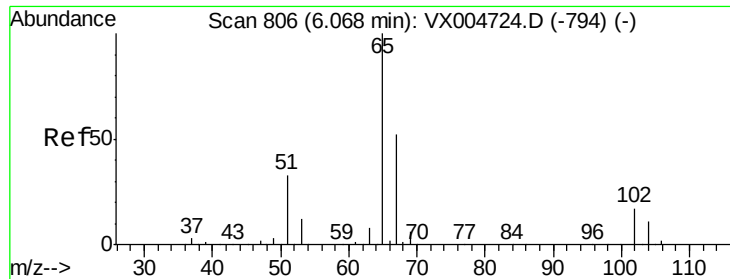
Delta R.T. 0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	97	Resp:	202772
Ion	Ratio	Lower	Upper
97	100		
99	64.4	54.6	82.0
61	43.7	37.5	56.3





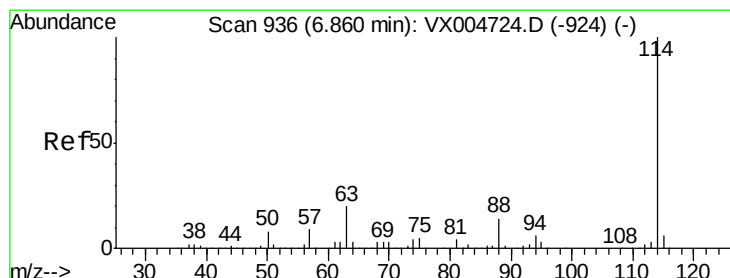
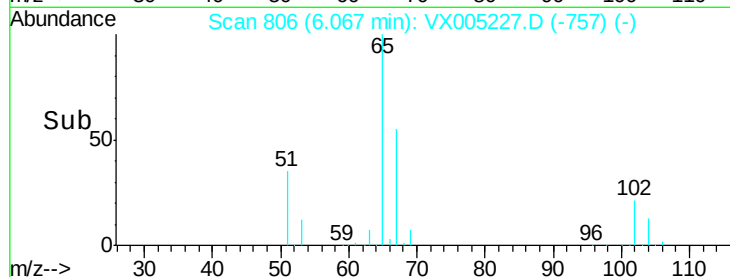
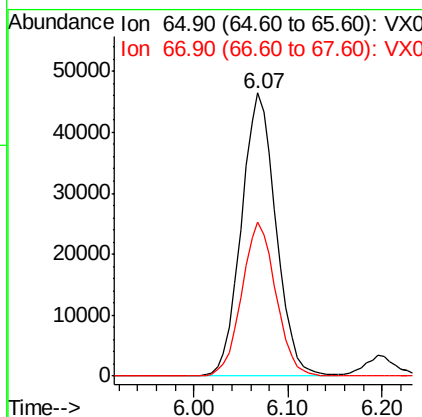
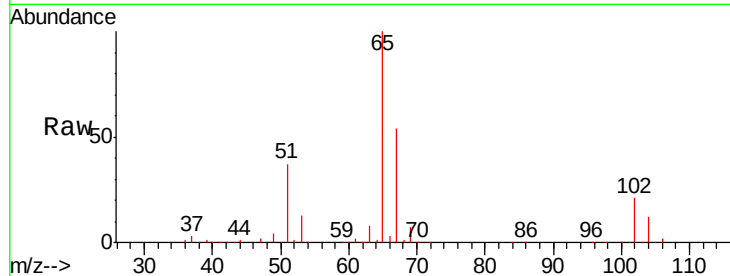
#33
 1,2-Dichloroethane-d4
 Concen: 36.58 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 119457
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4

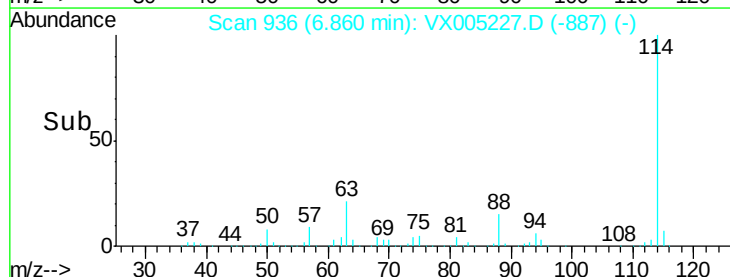
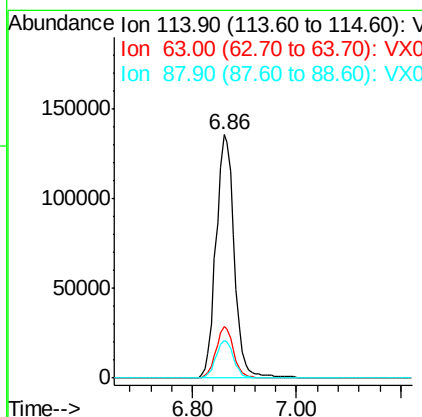
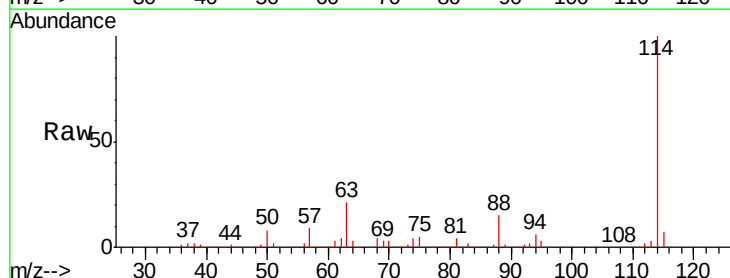
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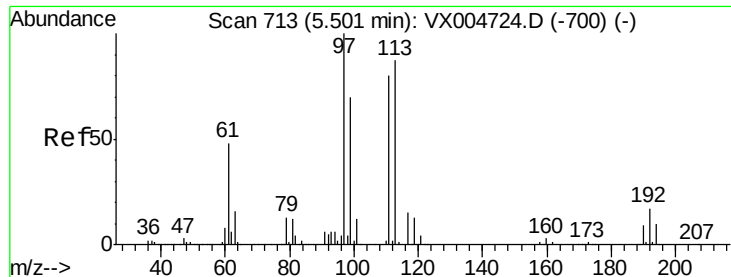
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion: 114 Resp: 333023
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.8
 88 15.3 0.0 27.0





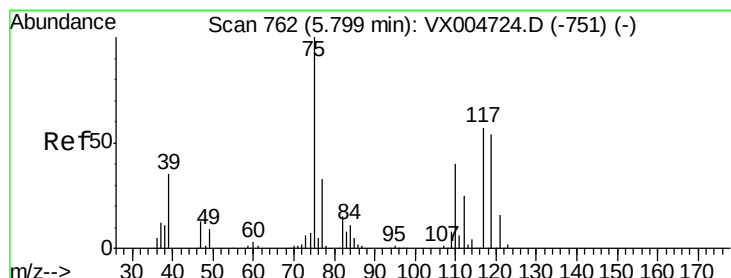
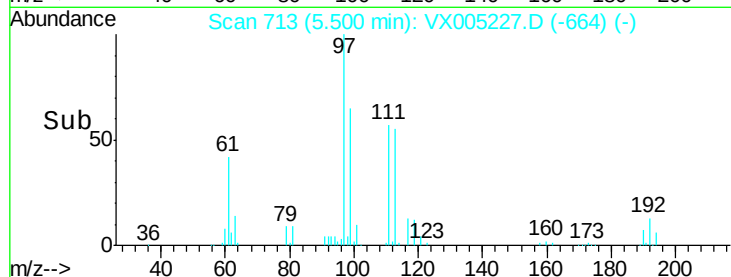
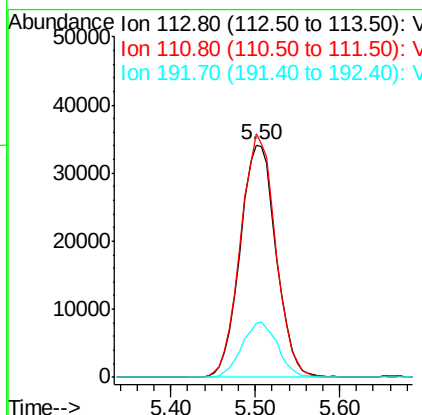
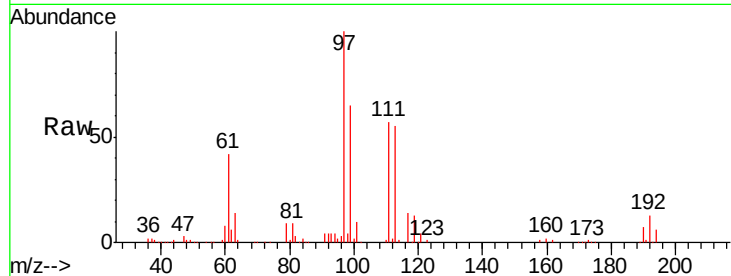
#35
Dibromofluoromethane
Concen: 35.06 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	98965		
111	102.2	77.0	115.4	
192	23.5	17.0	25.6	

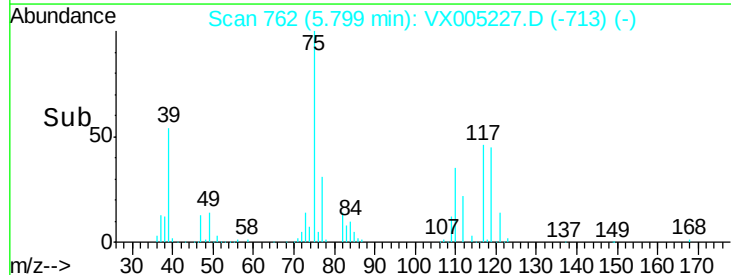
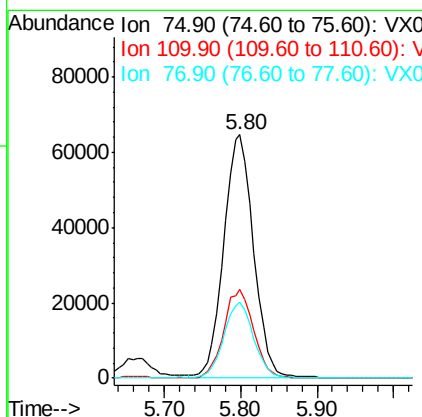
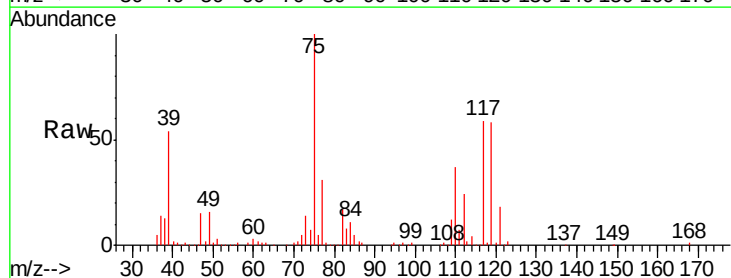
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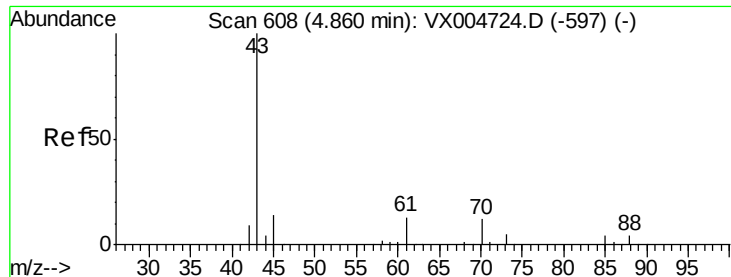
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#36
1,1-Dichloropropene
Concen: 45.06 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	173517		
110	36.5	20.0	59.9	
77	31.1	27.1	40.7	





#37

Ethyl Acetate

Concen: 46.20 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

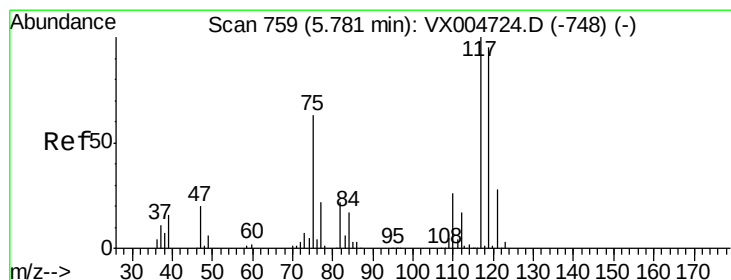
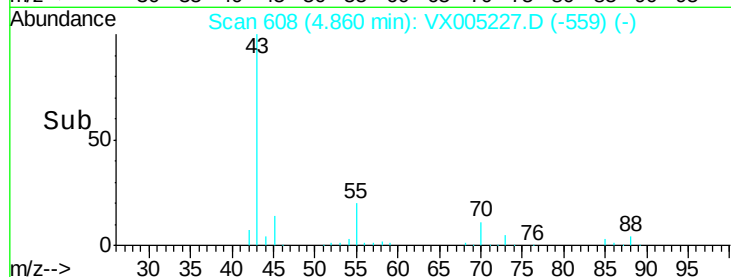
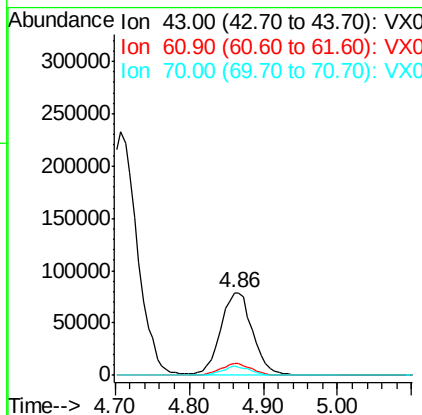
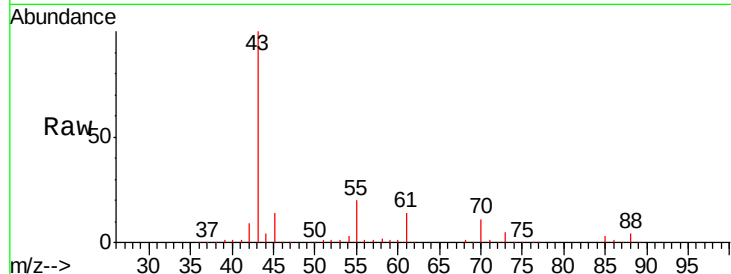
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	236140
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	9.8	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 45.15 ug/l

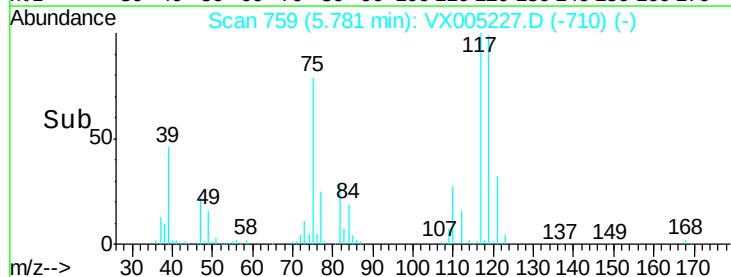
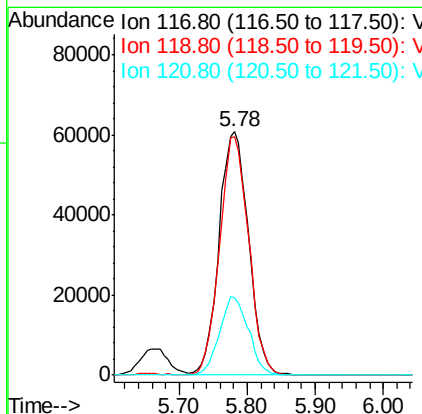
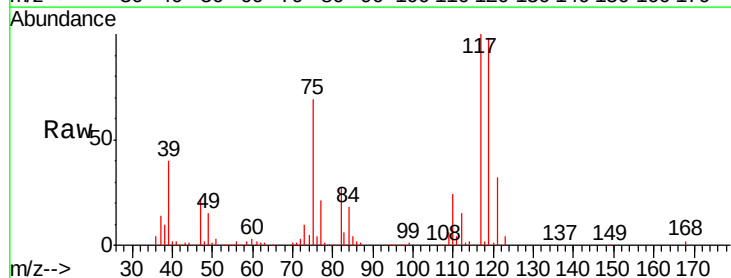
RT: 5.78 min Scan# 759

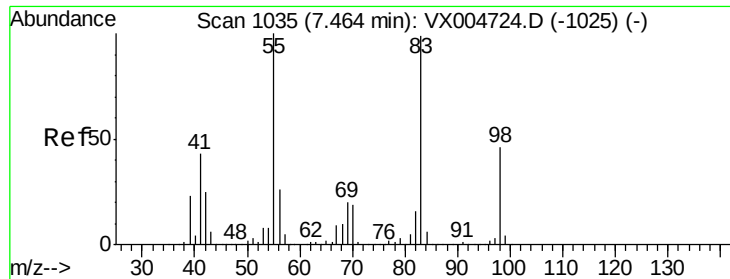
Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	117	Resp:	182762
Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.2	112.8
121	31.7	22.5	33.7





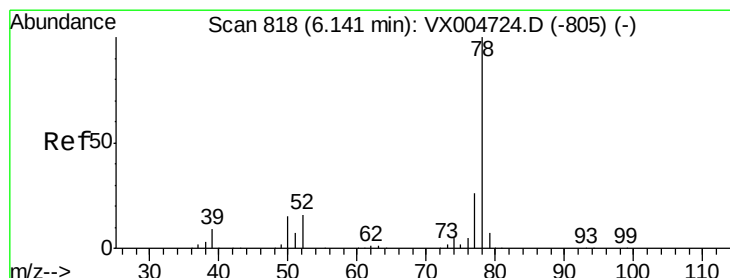
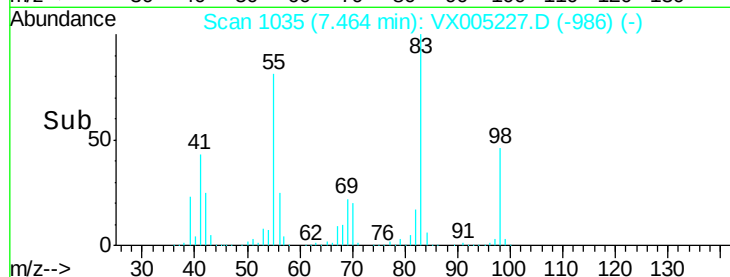
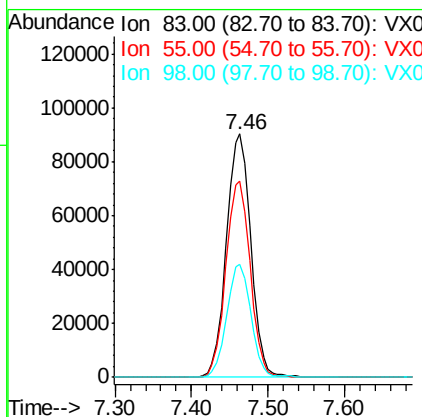
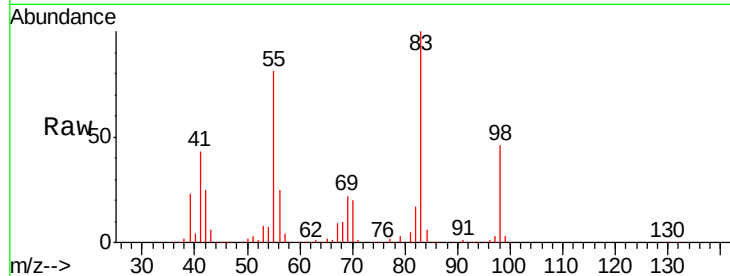
#39
Methylcyclohexane
Concen: 50.81 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	199792		
55	80.8	81.1	121.7#	
98	46.3	37.3	55.9	

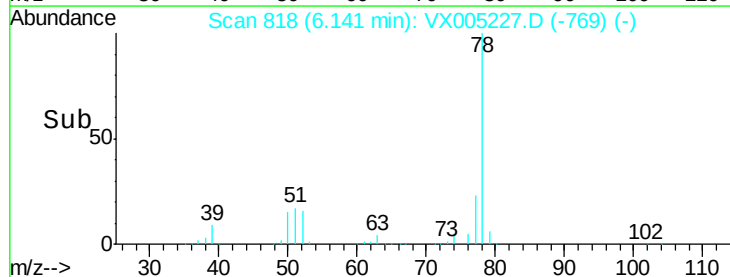
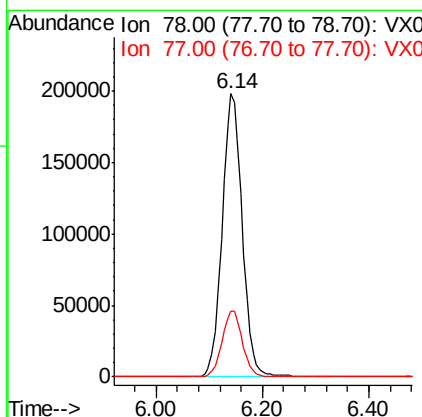
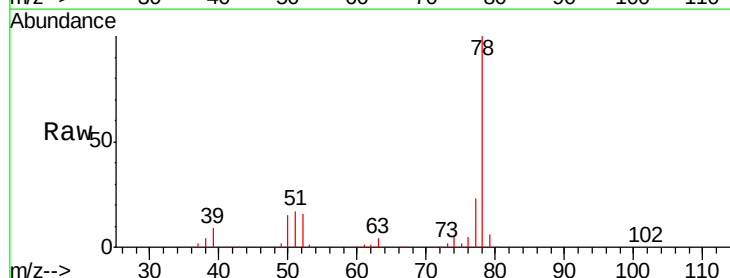
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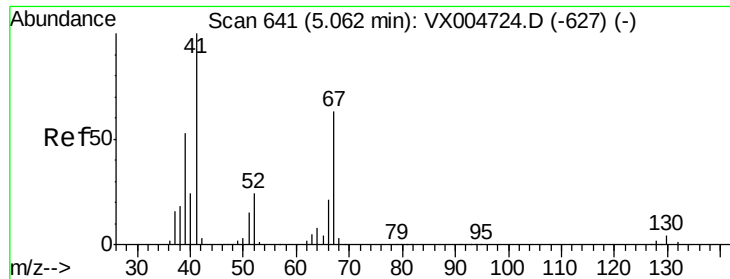
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#40
Benzene
Concen: 43.38 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	522945		
77	23.4	21.0	31.4	





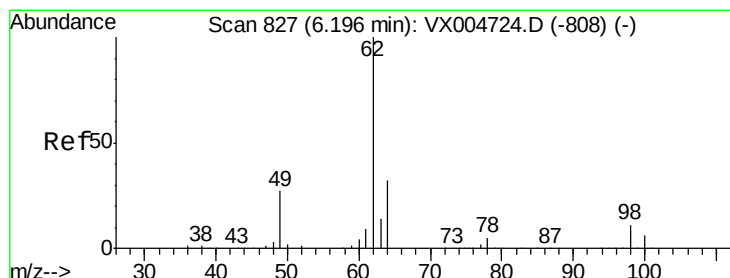
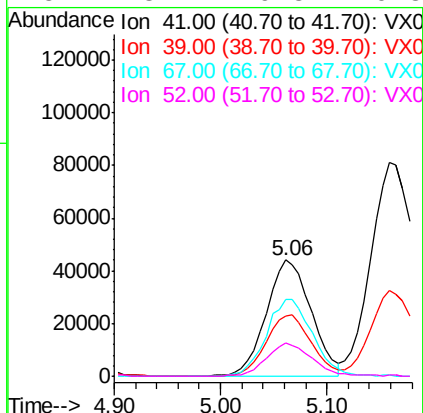
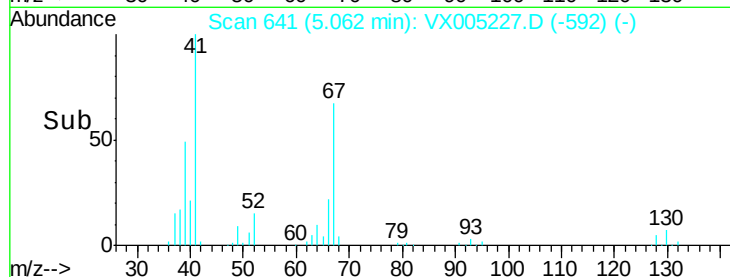
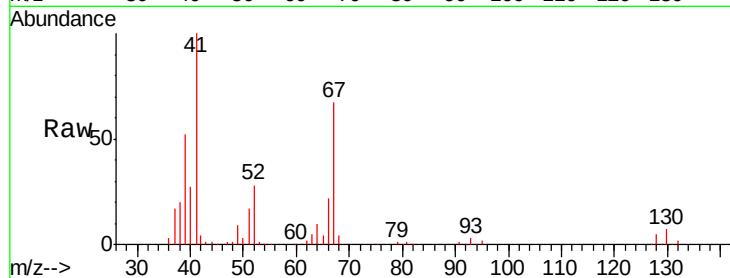
#41
Methacrylonitrile
Concen: 45.28 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.5	63.7
67	68.3	53.0	79.6
52	28.4	19.8	29.8

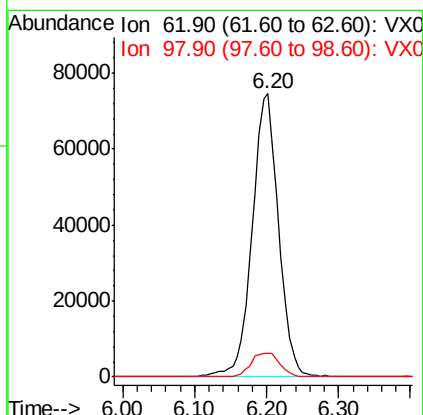
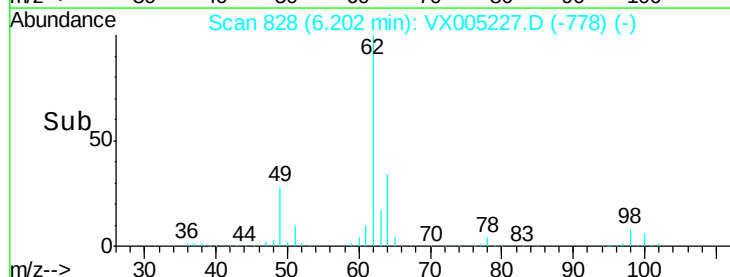
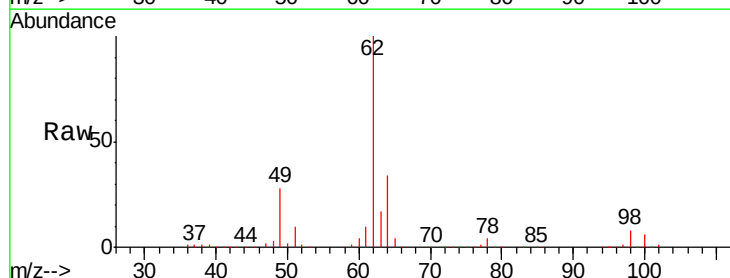
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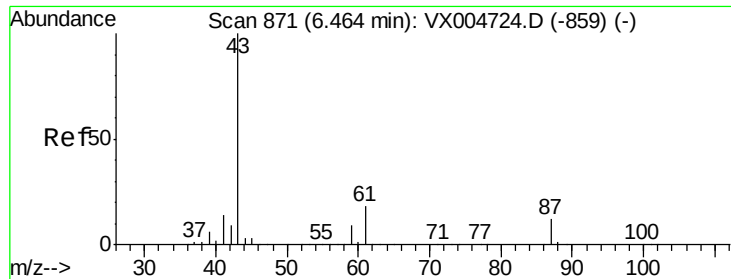
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#42
1,2-Dichloroethane
Concen: 44.49 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 47.74 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

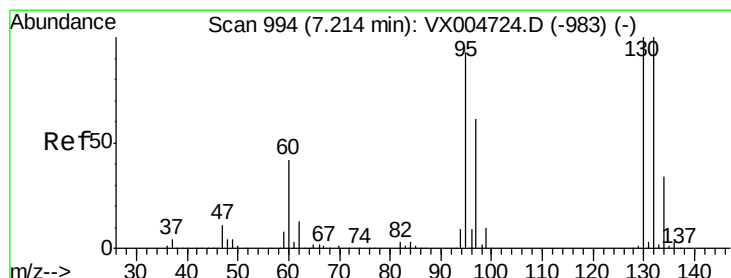
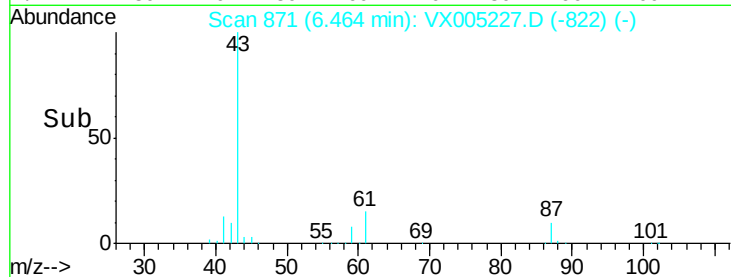
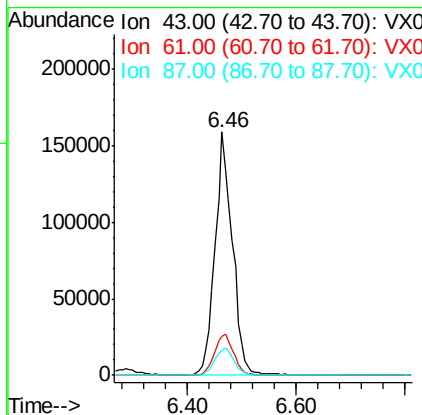
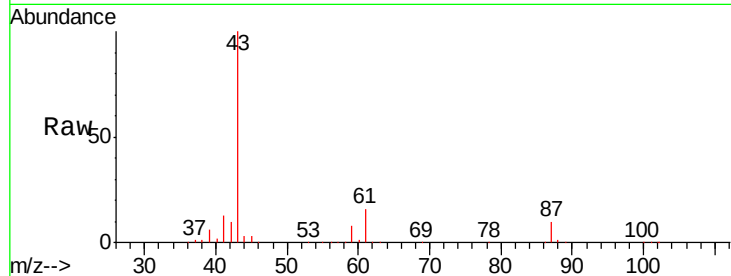
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	352211
Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.2	21.4
87	12.2	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 47.20 ug/l

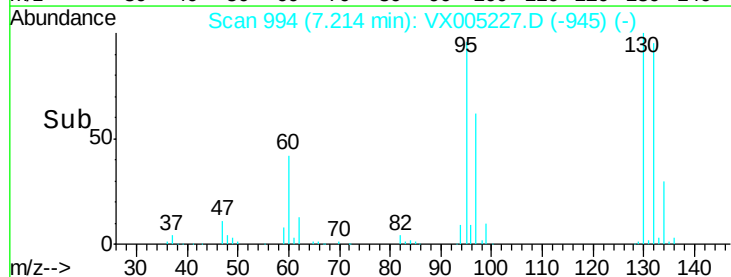
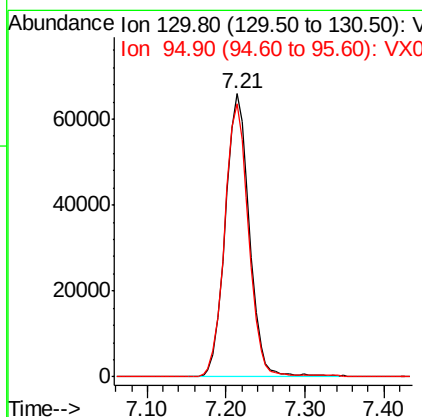
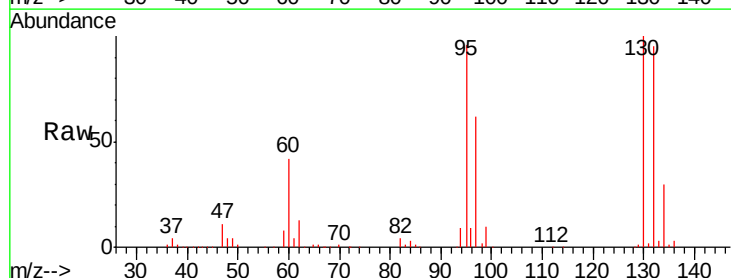
RT: 7.21 min Scan# 994

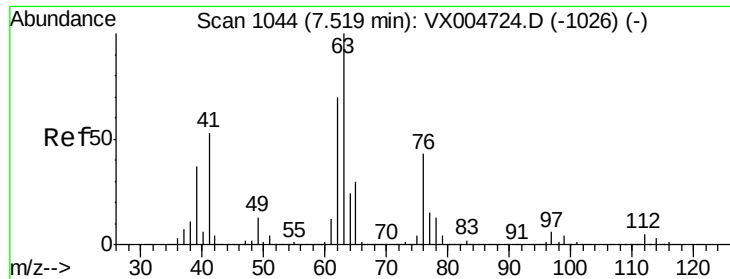
Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	130	Resp:	139890
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	186.8





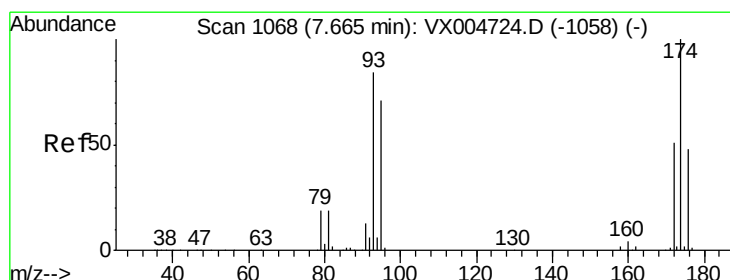
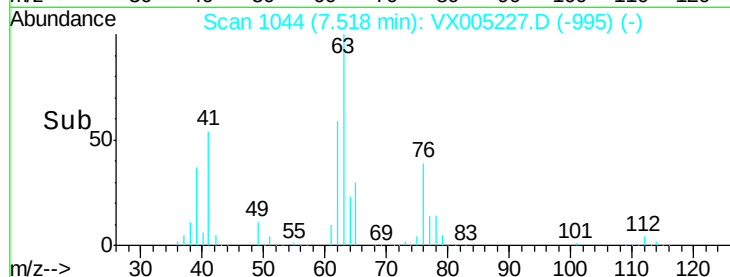
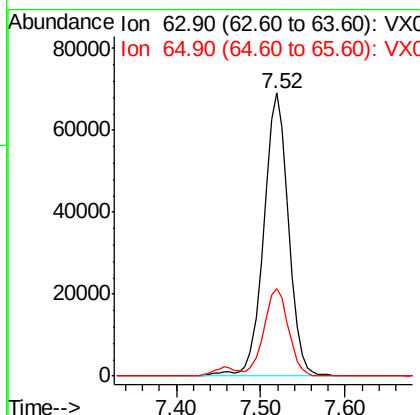
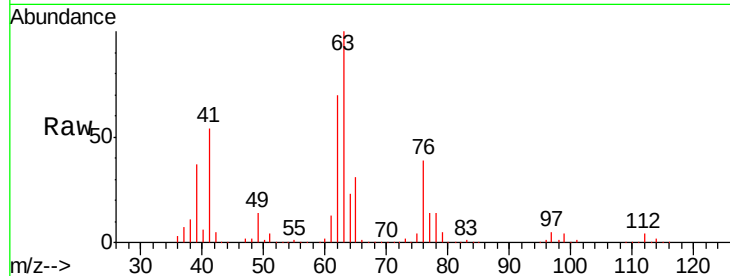
#45
1,2-Dichloropropane
Concen: 47.43 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 140223
Ion Ratio Lower Upper
63 100
65 31.0 23.9 35.9

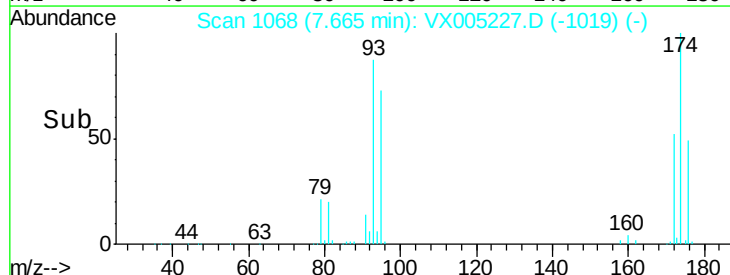
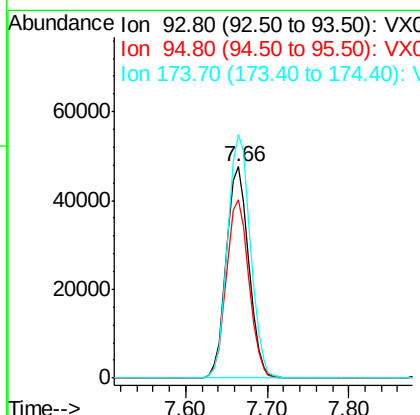
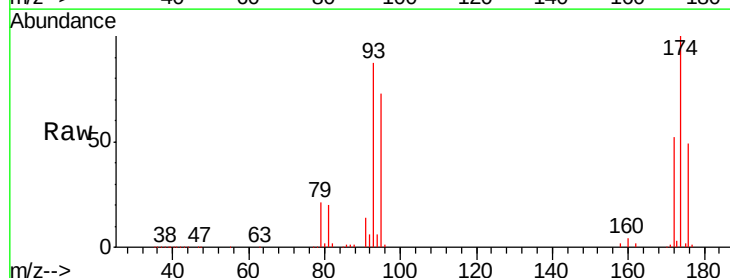
Manual Integrations
APPROVED

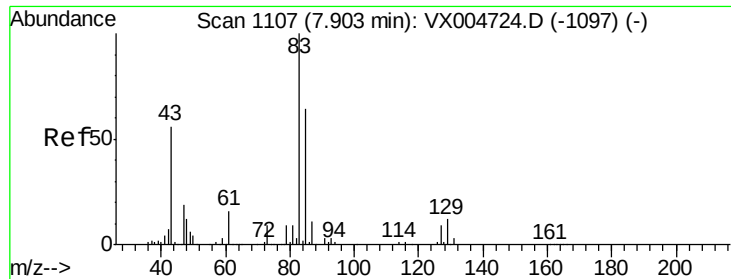
MMDadoda
10/12/2018 11:45:02 AM



#46
Dibromomethane
Concen: 48.66 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 93 Resp: 90410
Ion Ratio Lower Upper
93 100
95 84.6 66.7 100.1
174 116.8 92.7 139.1





#47

Bromodichloromethane

Concen: 50.81 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

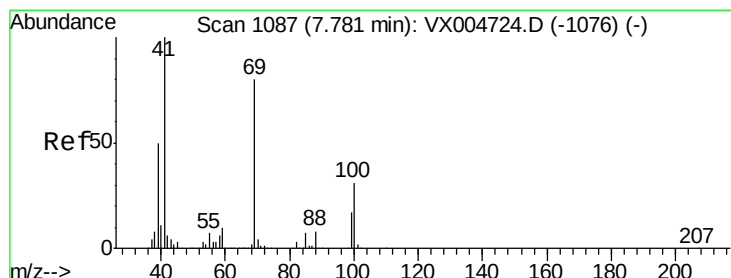
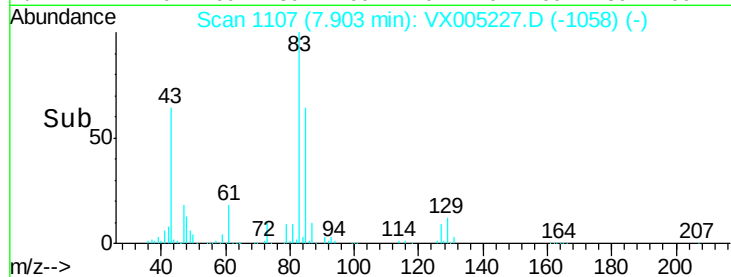
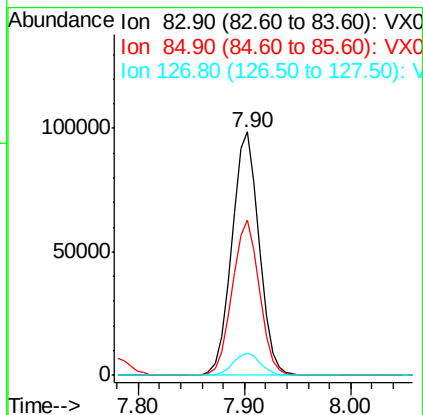
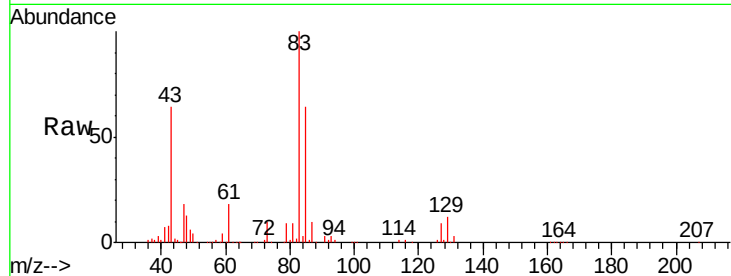
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	176761
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.2	76.8
127	9.0	7.0	10.6

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10/12/2018 11:45:02 AM



#48

Methyl methacrylate

Concen: 54.19 ug/l

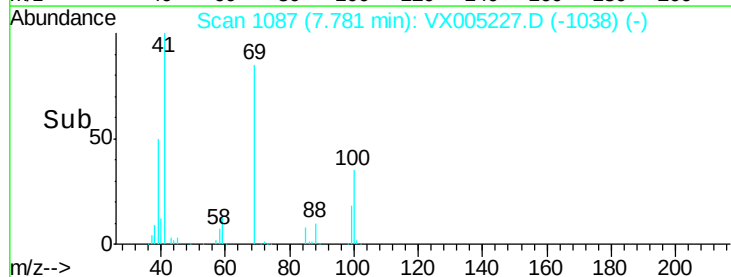
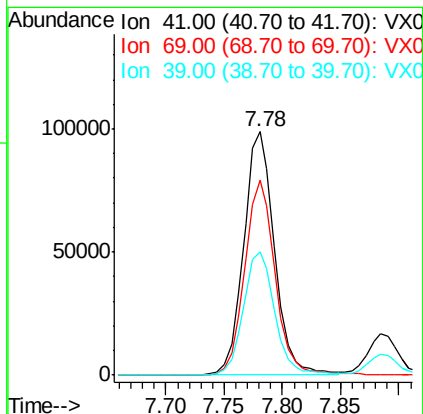
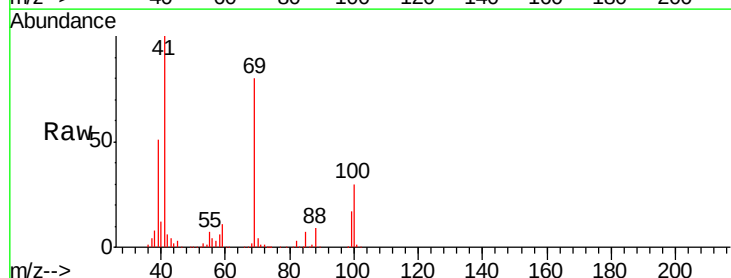
RT: 7.78 min Scan# 1087

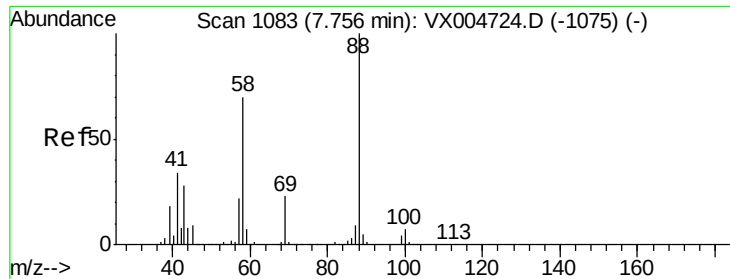
Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	41	Resp:	181454
Ion	Ratio	Lower	Upper
41	100		
69	80.2	63.8	95.6
39	51.3	40.7	61.1





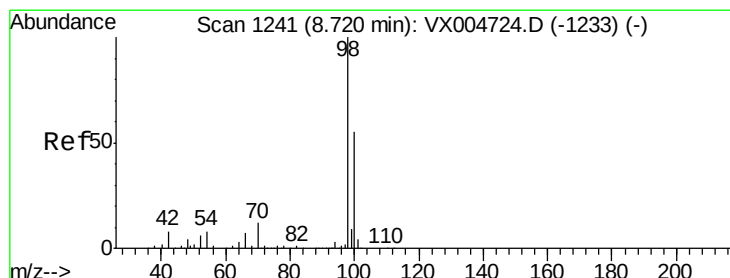
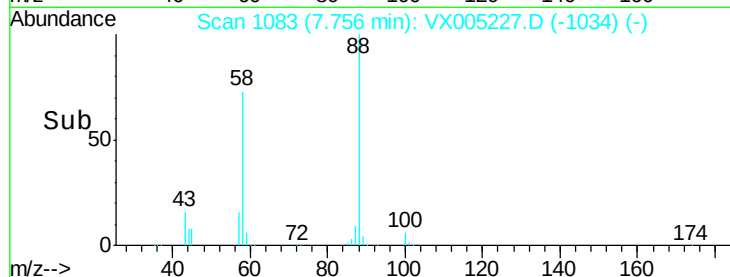
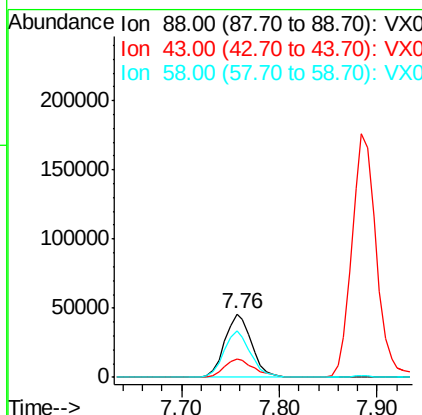
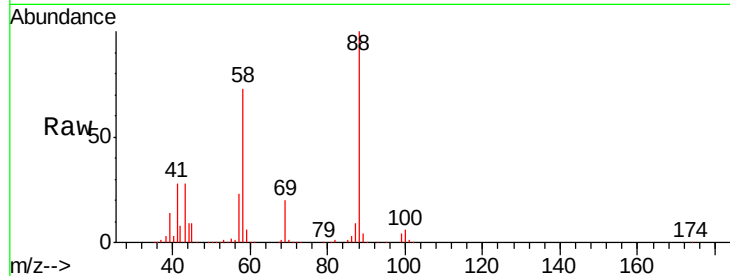
#49
1,4-Dioxane
Concen: 1037.56 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.1	37.7
58	73.1	56.2	84.2

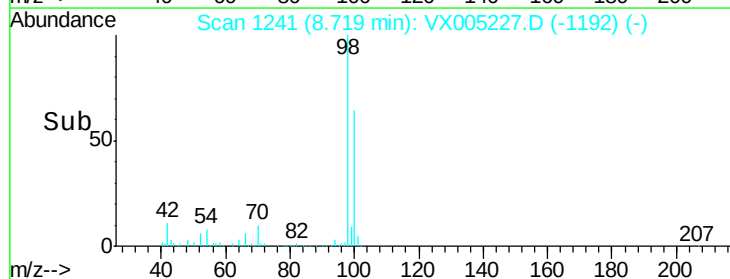
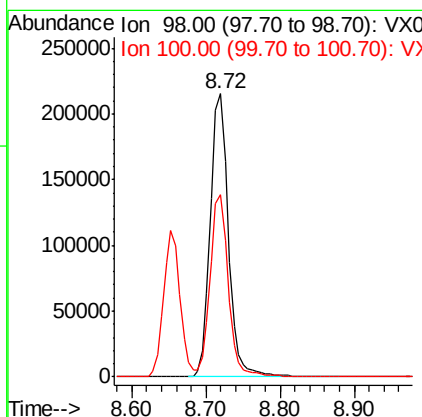
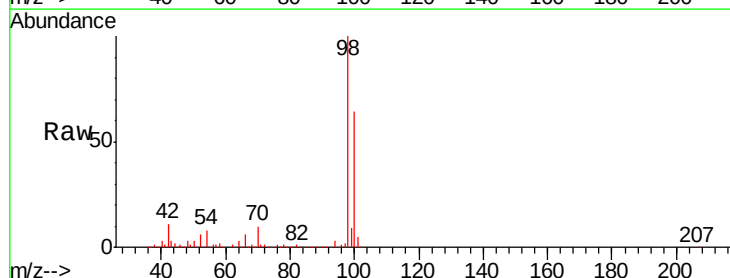
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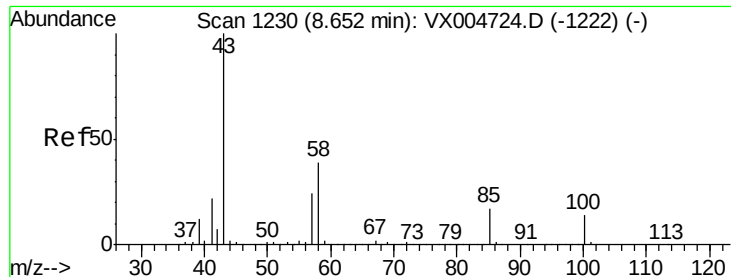
MMDadoda
10/12/2018 11:45:02 AM



#50
Toluene-d8
Concen: 38.47 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.9	77.9





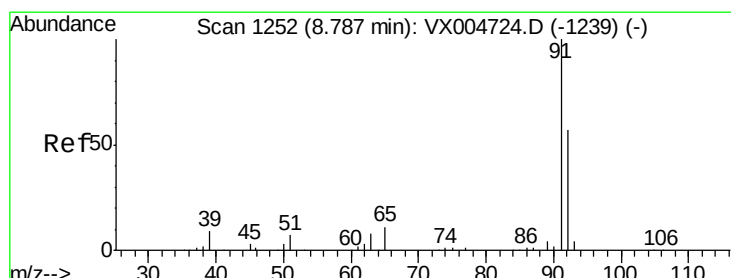
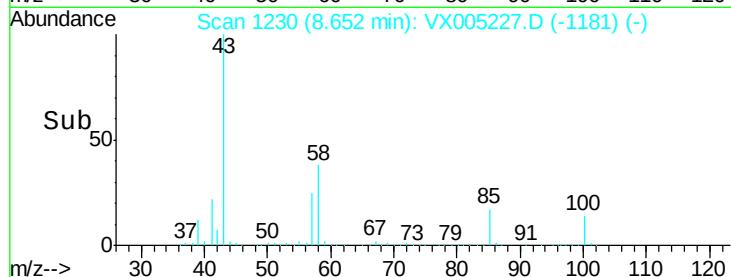
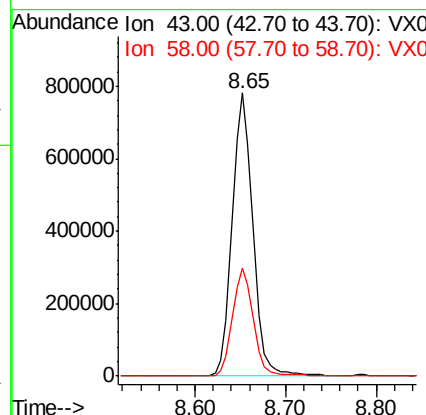
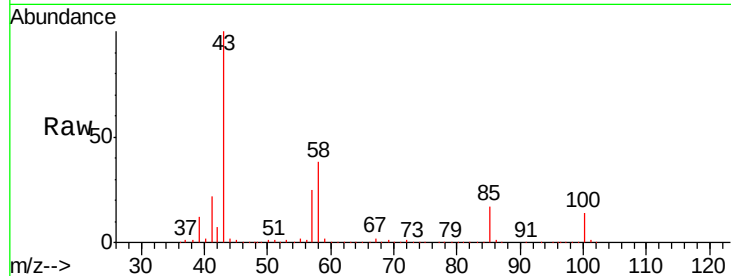
#51
4-Methyl-2-Pentanone
Concen: 265.83 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1234866
Ion Ratio Lower Upper
43 100
58 38.6 30.5 45.7

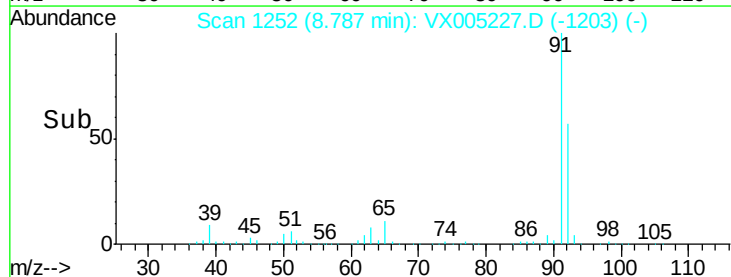
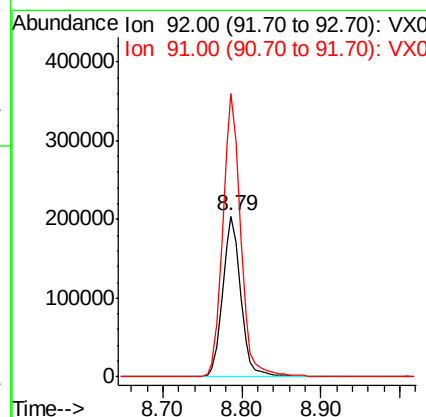
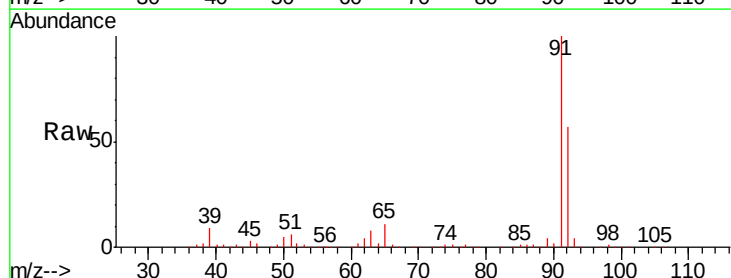
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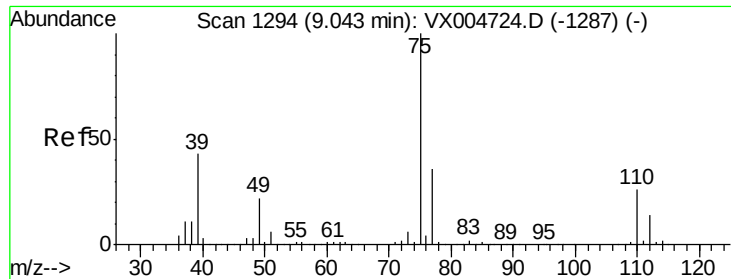
MMDadoda
10/12/2018 11:45:02 AM



#52
Toluene
Concen: 49.49 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 92 Resp: 327849
Ion Ratio Lower Upper
92 100
91 174.5 136.7 205.1





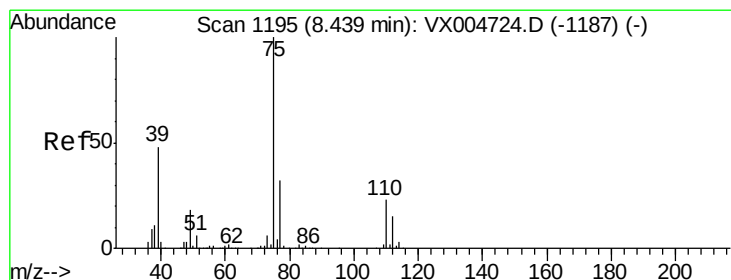
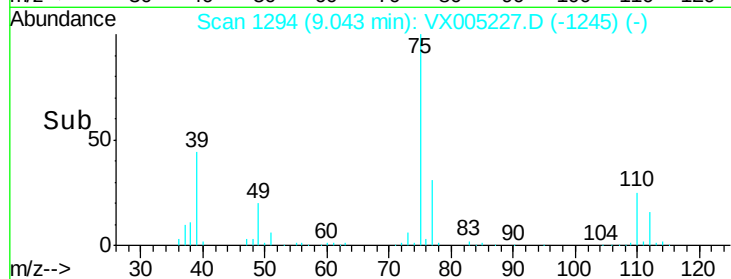
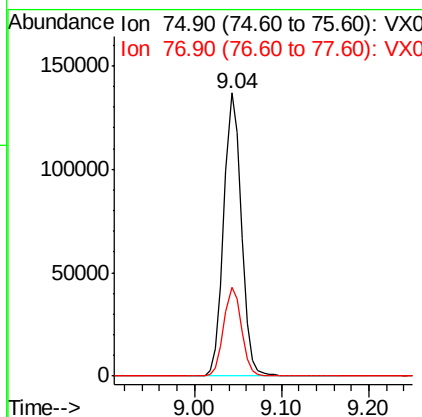
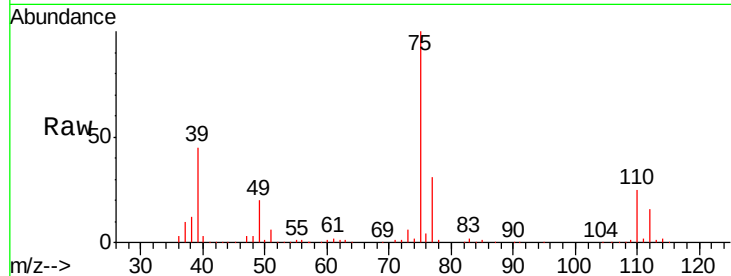
#53
t-1,3-Dichloropropene
Concen: 48.49 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 190608
Ion Ratio Lower Upper
75 100
77 31.4 28.9 43.3

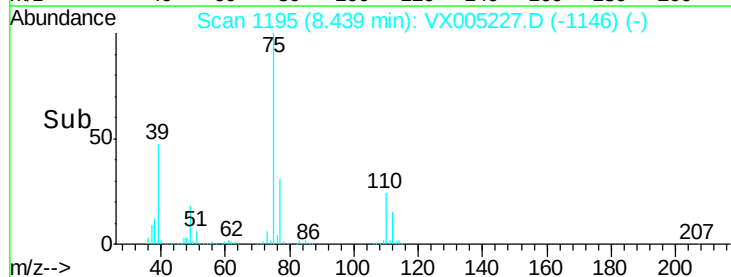
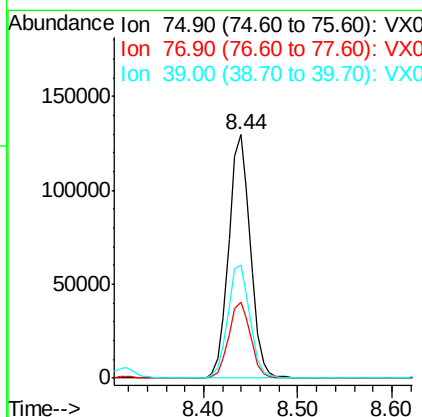
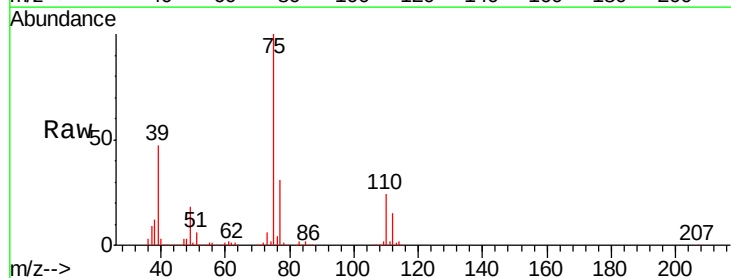
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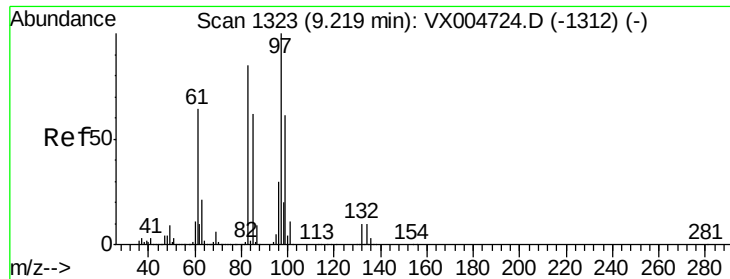
MMDadoda
10/12/2018 11:45:02 AM



#54
cis-1,3-Dichloropropene
Concen: 50.14 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 75 Resp: 206436
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
39 46.6 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 47.14 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

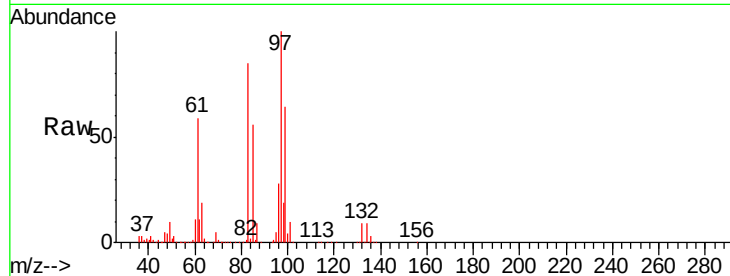
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	97	Resp:	136786
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.2	102.2
85	55.9	49.9	74.9
99	63.5	48.9	73.3

Manual Integrations
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MMDadoda
10/12/2018 11:45:02 AM

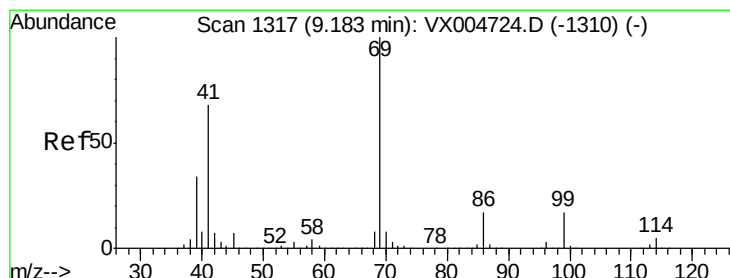
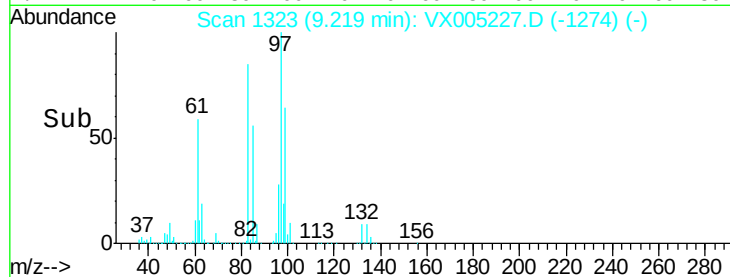
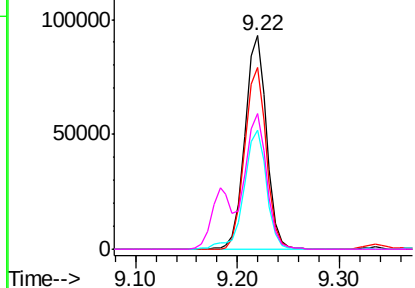


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 46.05 ug/l

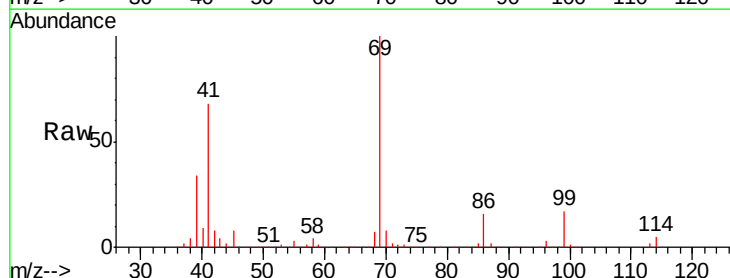
RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

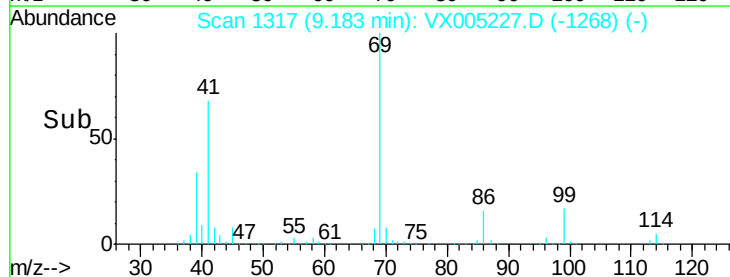
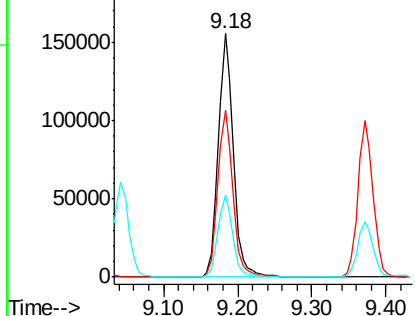
Tgt Ion:	69	Resp:	215682
Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.9	85.3
39	33.6	28.4	42.6

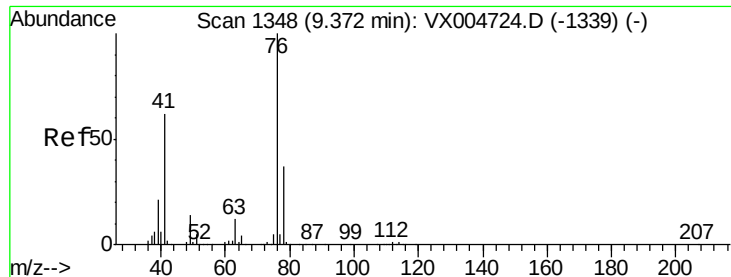


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





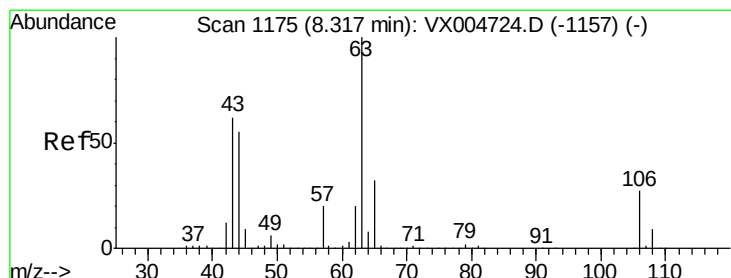
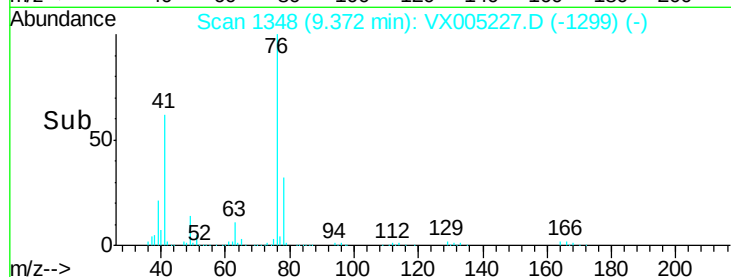
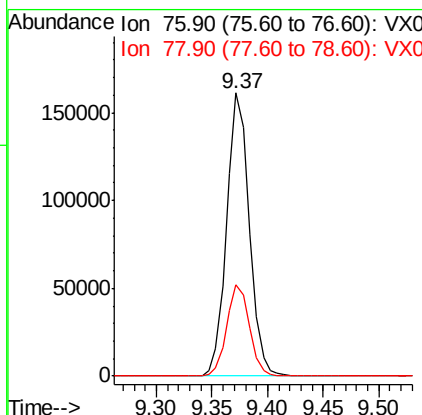
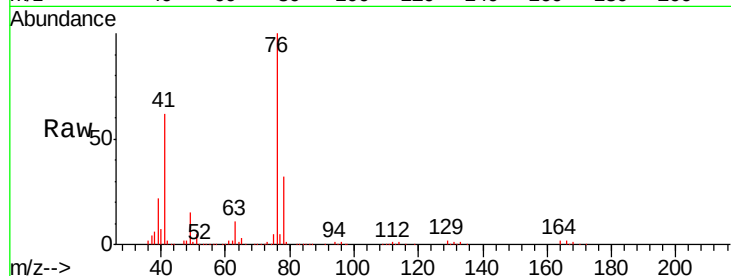
#57
 1,3-Dichloropropane
 Concen: 47.06 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 227263
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.6 40.0

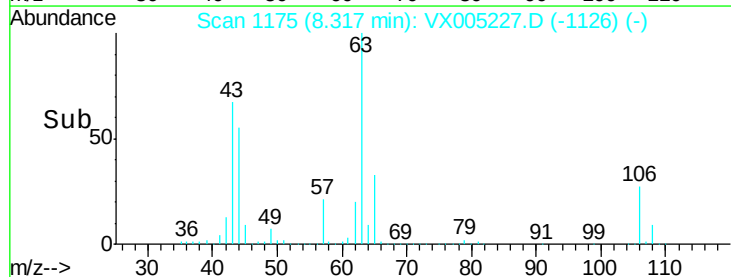
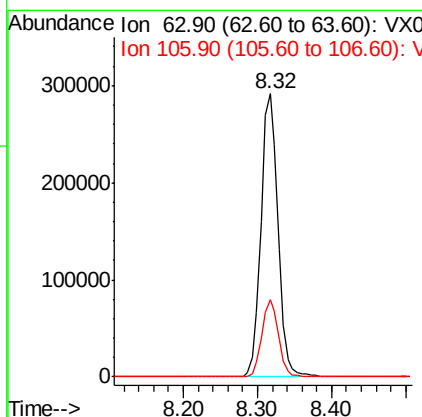
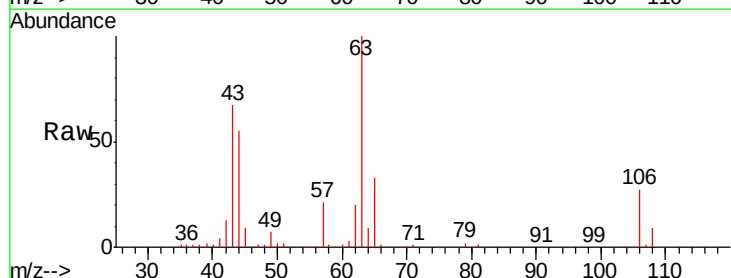
Manual Integrations
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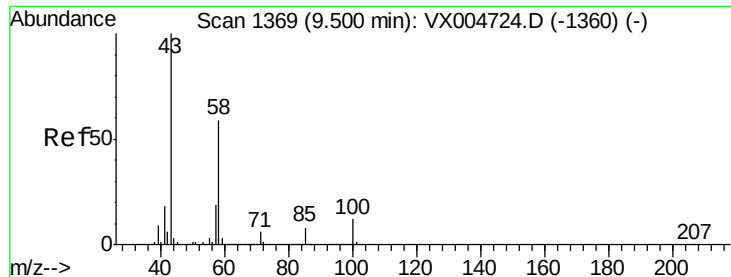
MMDadoda
 10/12/2018 11:45:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 191.17 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion: 63 Resp: 469086
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.6





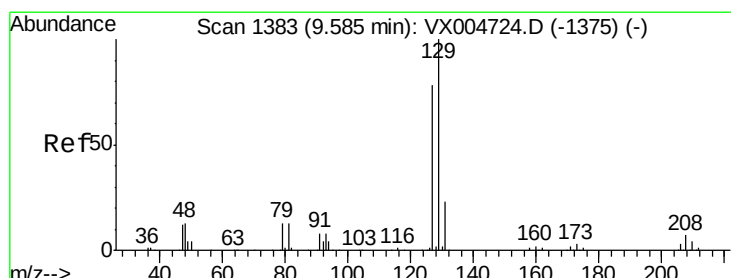
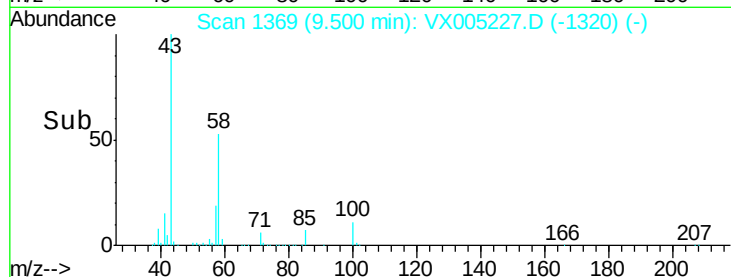
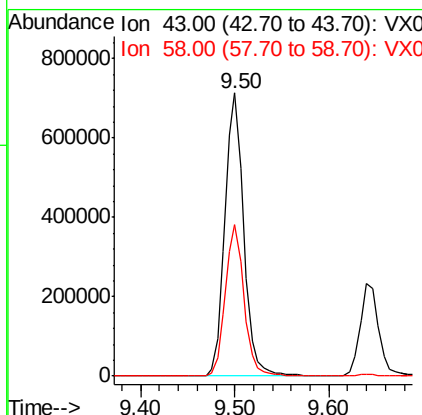
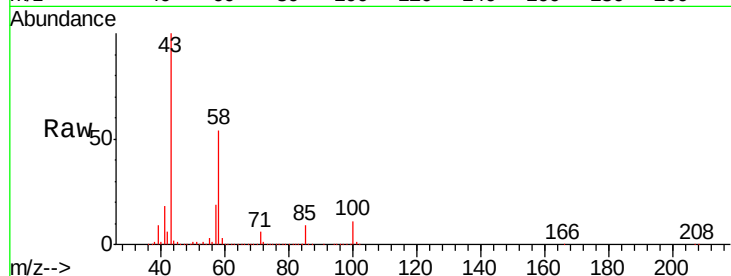
#59
2-Hexanone
Concen: 256.82 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 994162
Ion Ratio Lower Upper
43 100
58 53.1 28.4 85.3

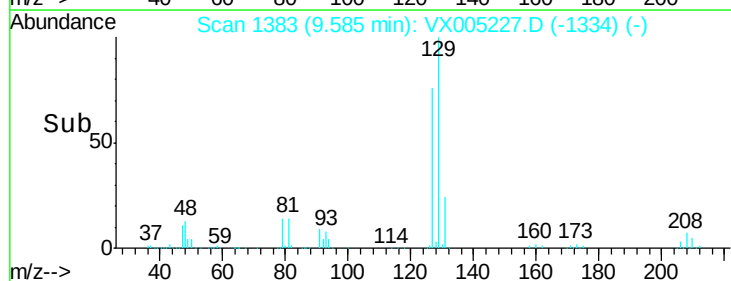
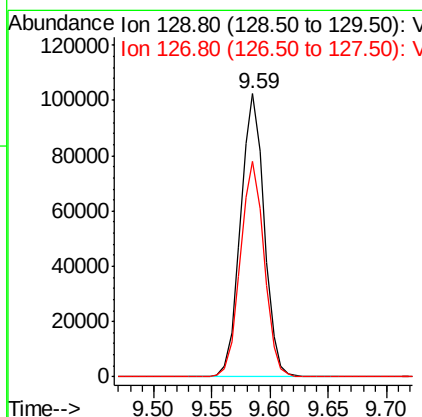
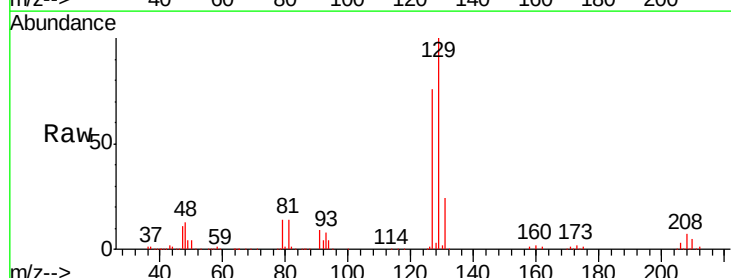
Manual Integrations
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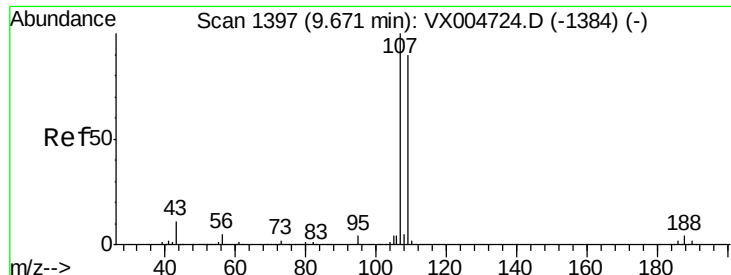
MMDadoda
10/12/2018 11:45:02 AM



#60
Dibromochloromethane
Concen: 50.19 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 129 Resp: 145647
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 45.95 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 142803

Ion Ratio Lower Upper

107 100

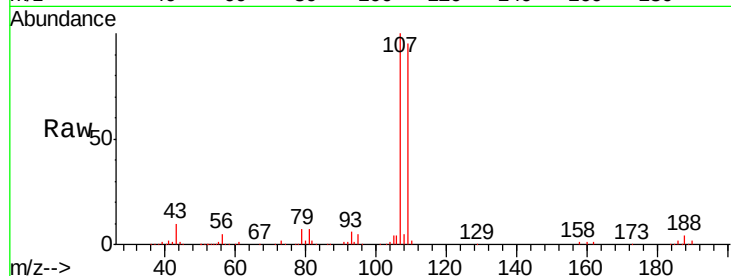
109 94.6 72.1 108.1

Manual Integrations

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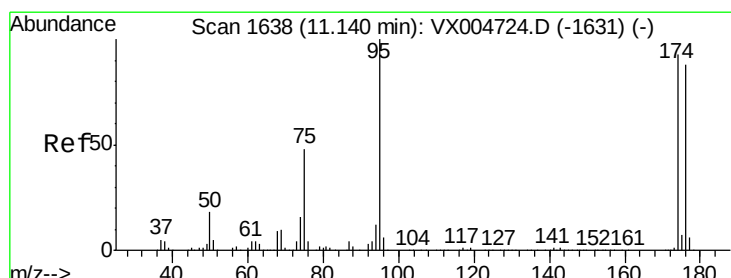
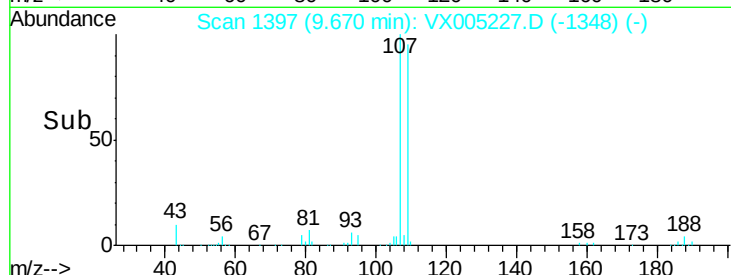
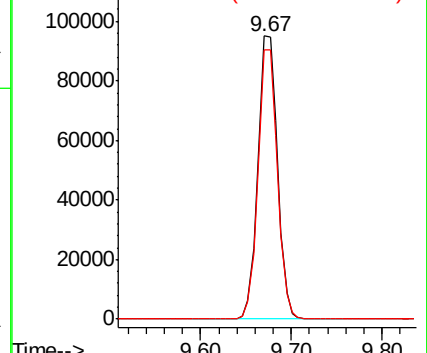
MMDadoda

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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: 40.98 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

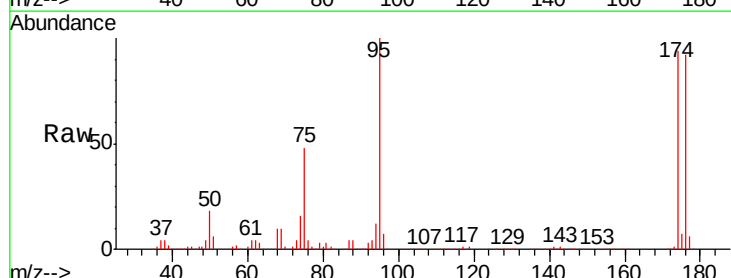
Tgt Ion: 95 Resp: 138533

Ion Ratio Lower Upper

95 100

174 93.4 0.0 185.0

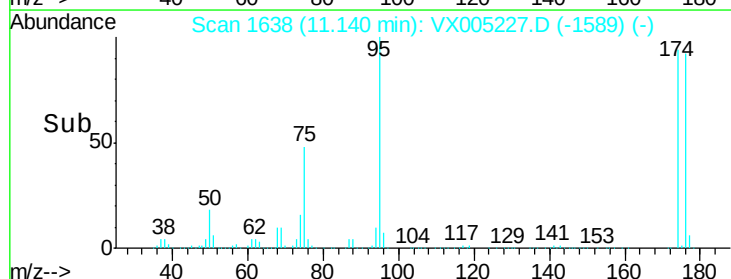
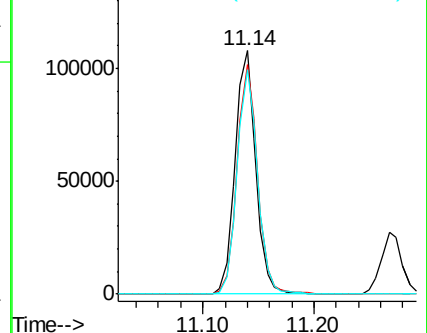
176 91.3 0.0 180.2

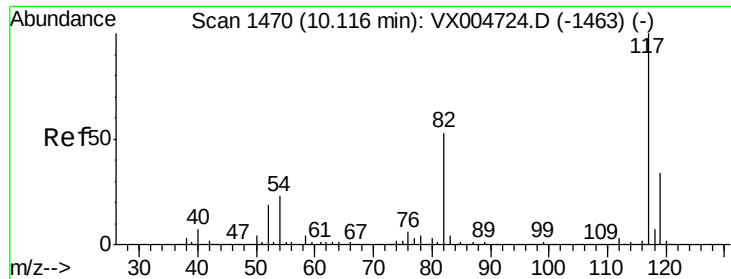


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





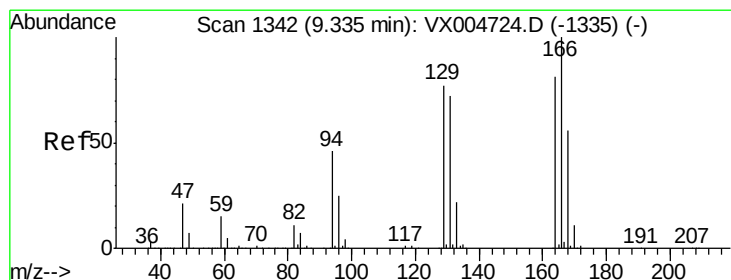
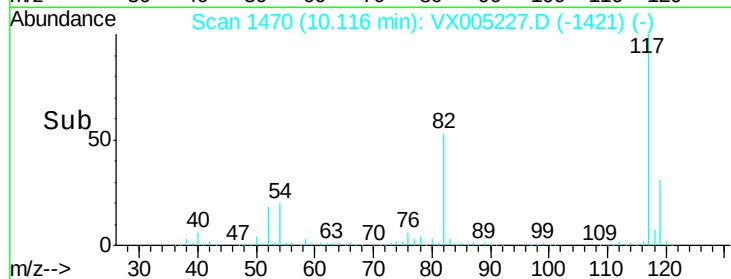
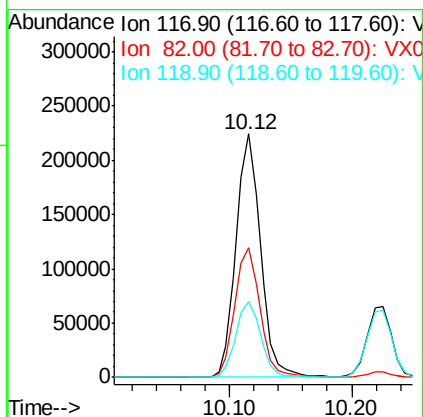
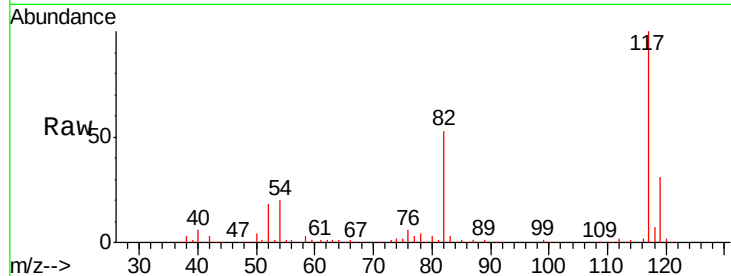
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	312093		
82	53.1	42.2	63.4	
119	31.1	27.4	41.0	

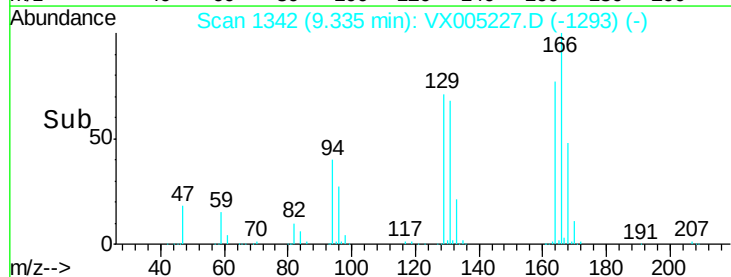
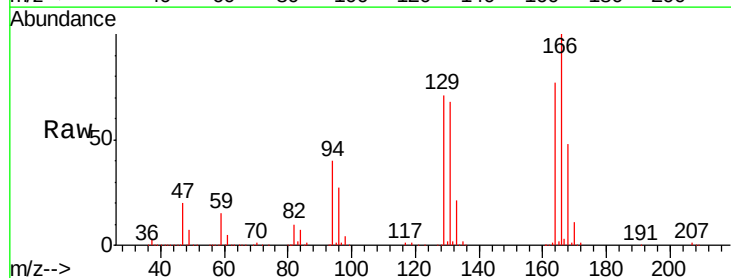
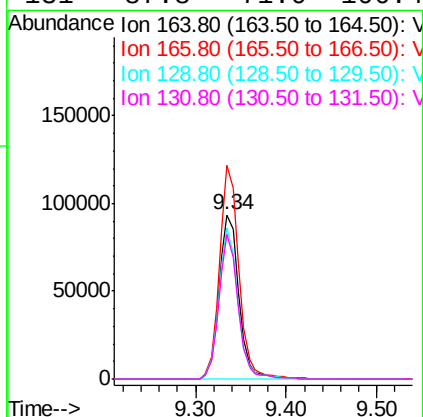
Manual Integrations
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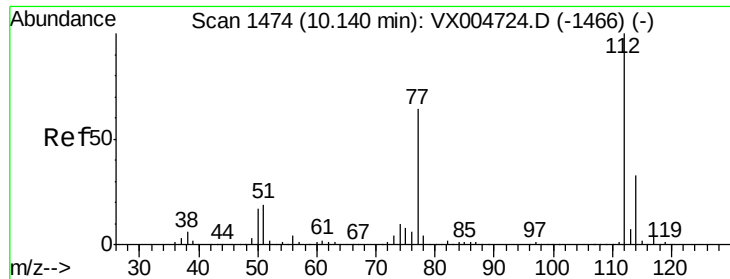
MMDadoda
10/12/2018 11:45:02 AM



#64
Tetrachloroethene
Concen: 46.61 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	143157		
166	130.0	98.4	147.6	
129	91.7	76.1	114.1	
131	87.8	71.0	106.4	





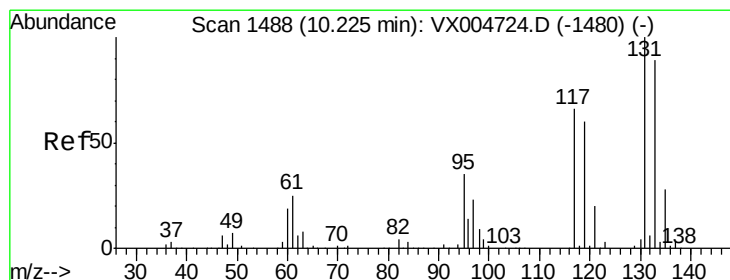
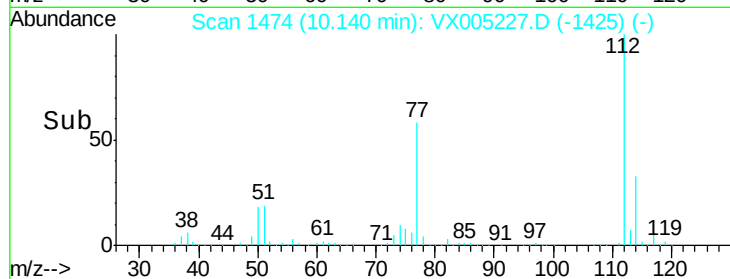
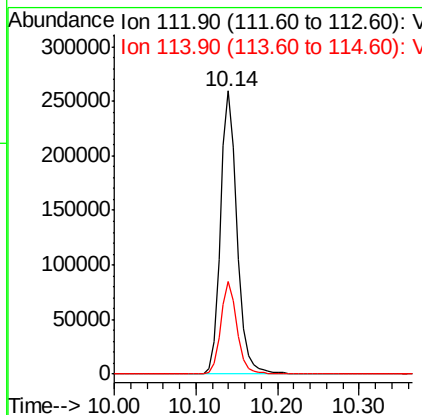
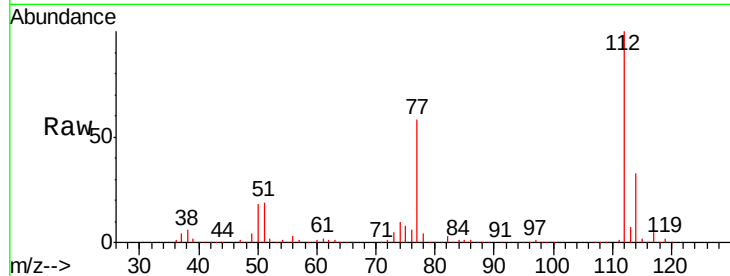
#65
Chlorobenzene
Concen: 46.25 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 370152
Ion Ratio Lower Upper
112 100
114 32.6 26.7 40.1

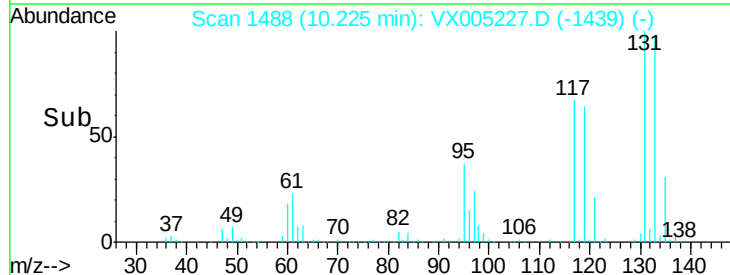
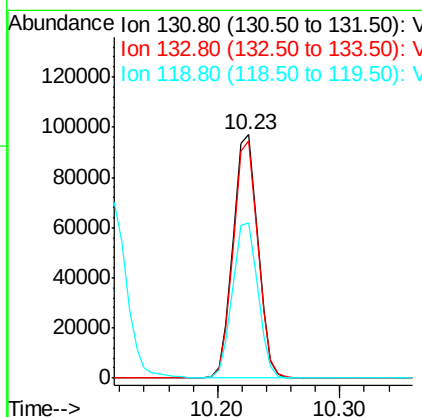
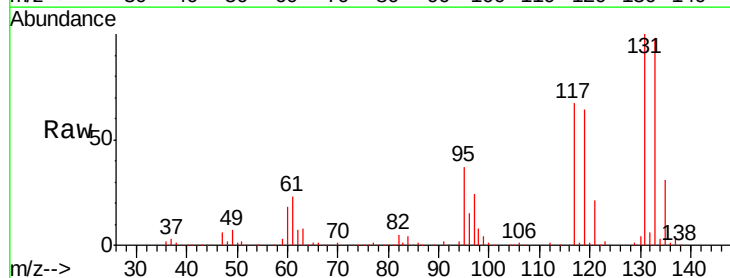
Manual Integrations
APPROVED

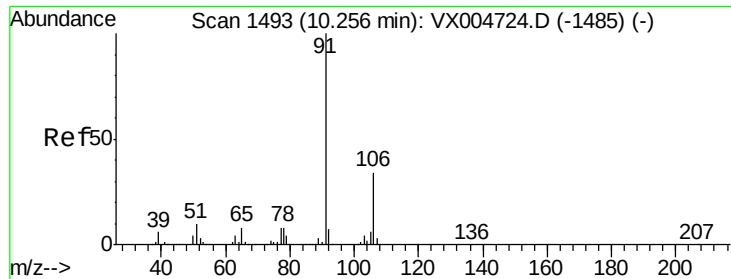
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.32 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion:131 Resp: 135962
Ion Ratio Lower Upper
131 100
133 96.6 48.4 145.0
119 65.0 32.3 96.8





#67

Ethyl Benzene

Concen: 49.95 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 634655

Ion Ratio Lower Upper

91 100

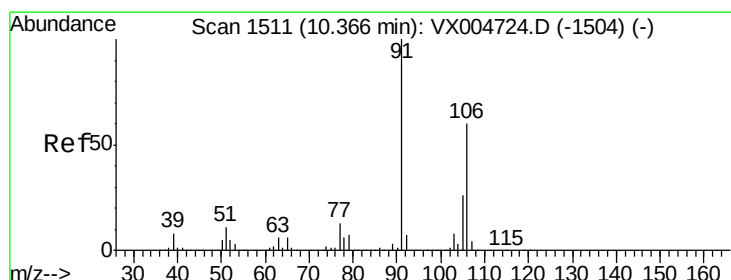
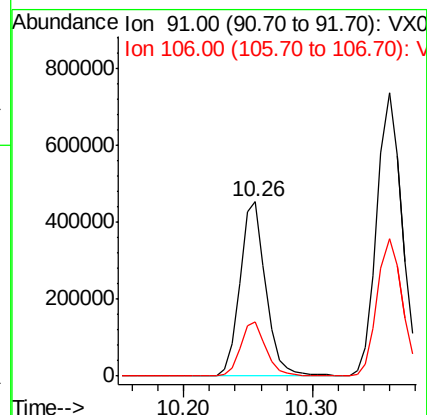
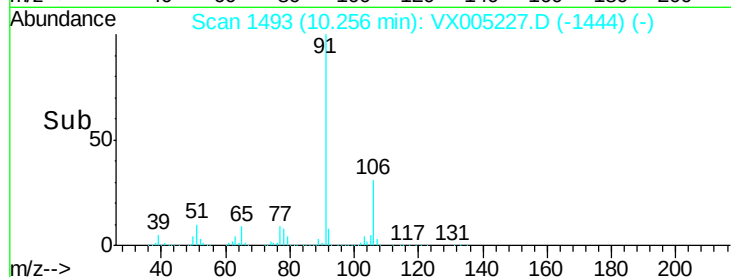
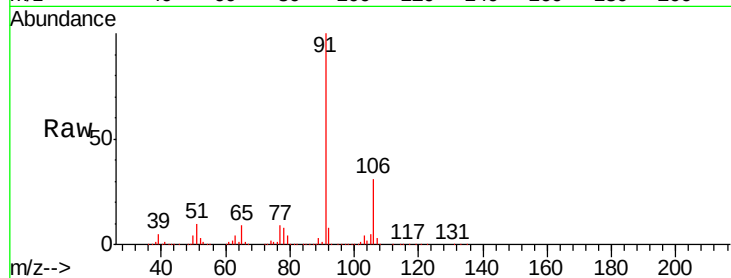
106 31.3 26.9 40.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.48 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005227.D

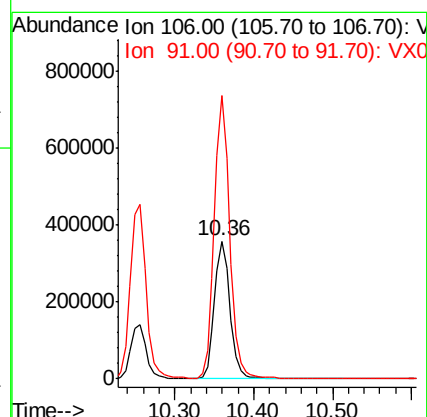
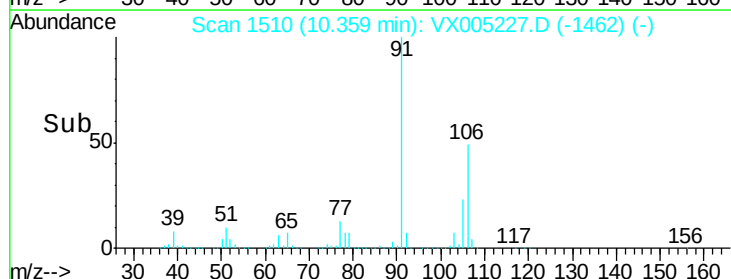
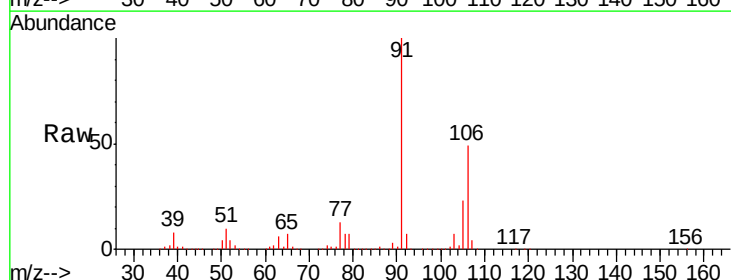
Acq: 11 Oct 2018 00:29

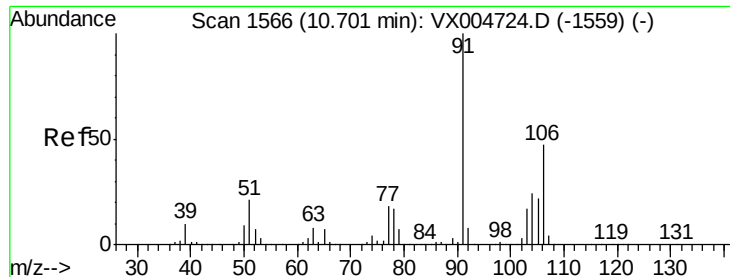
Tgt Ion: 106 Resp: 493896

Ion Ratio Lower Upper

106 100

91 204.2 157.5 236.3





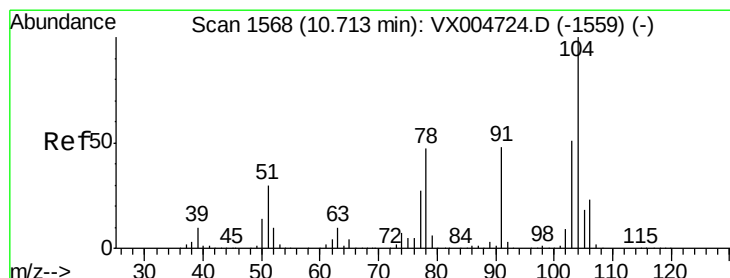
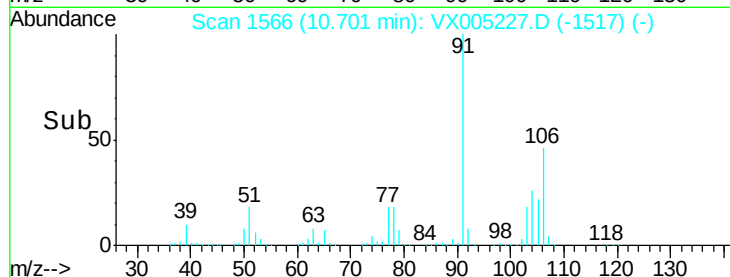
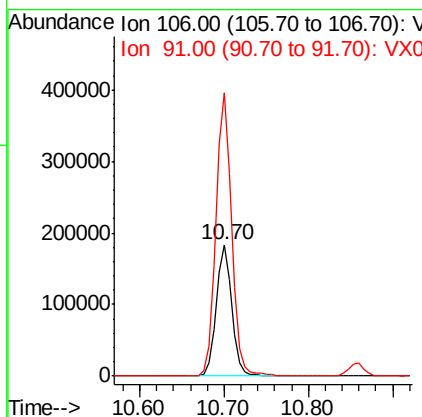
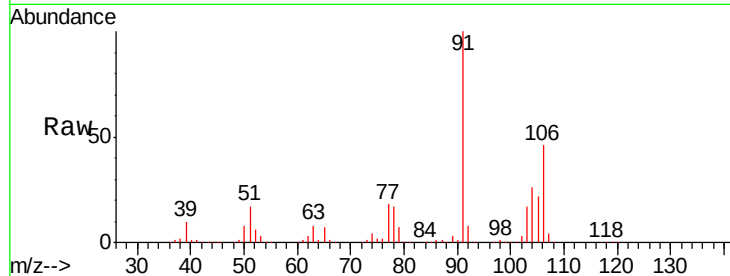
#69
o-Xylene
Concen: 51.95 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 236899
Ion Ratio Lower Upper
106 100
91 217.4 108.3 324.8

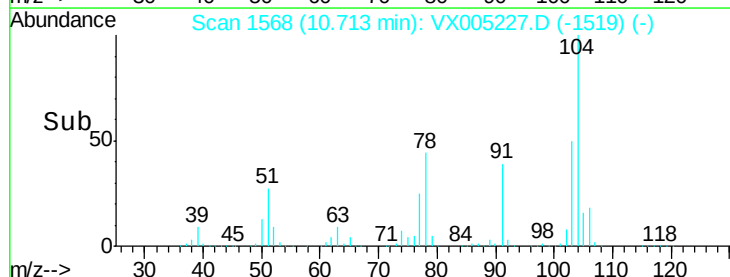
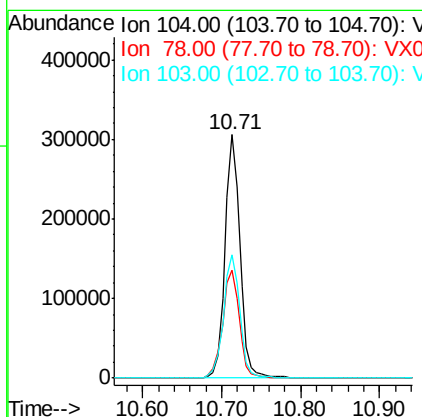
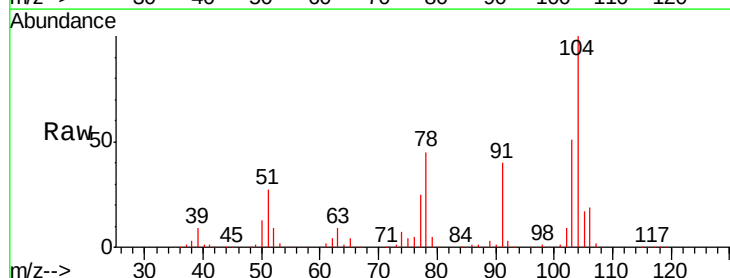
Manual Integrations
APPROVED

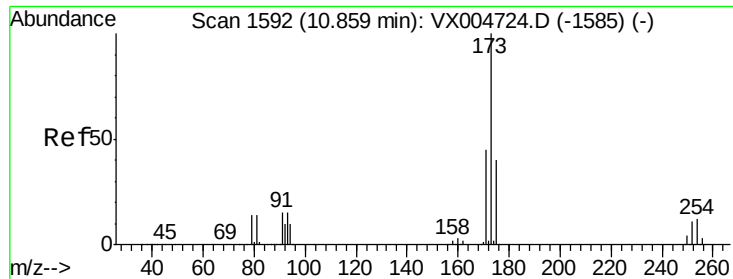
MMDadoda
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#70
Styrene
Concen: 47.57 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion:104 Resp: 404824
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.3 44.3 66.5





#71

Bromoform

Concen: 50.74 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

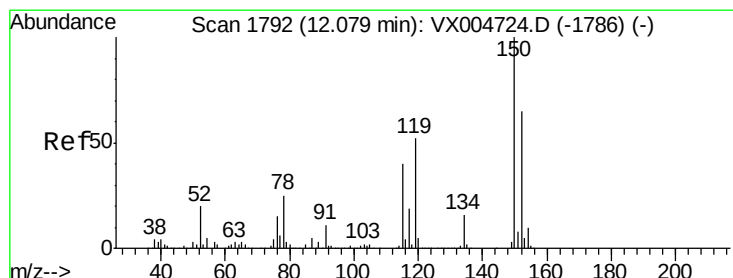
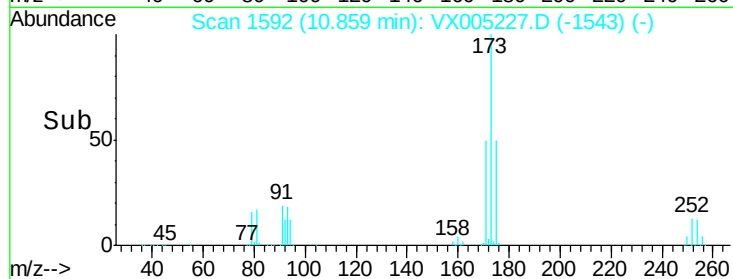
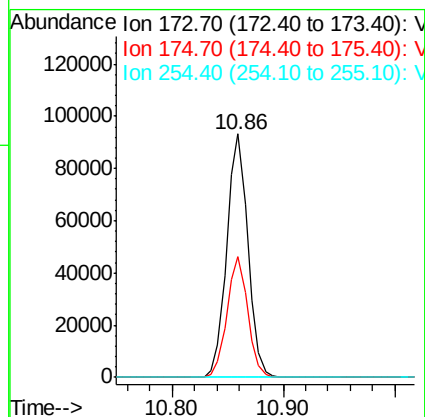
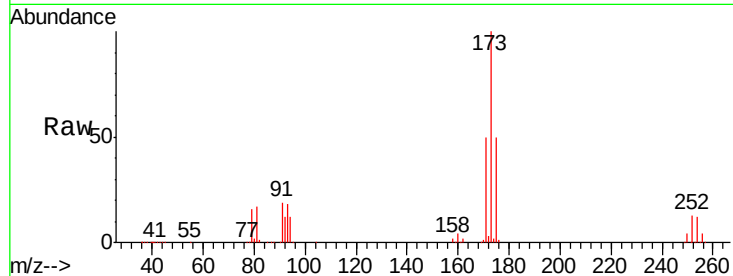
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	173	Resp:	122206
Ion Ratio	Lower	Upper	
173	100		
175	48.6	23.3	69.8
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

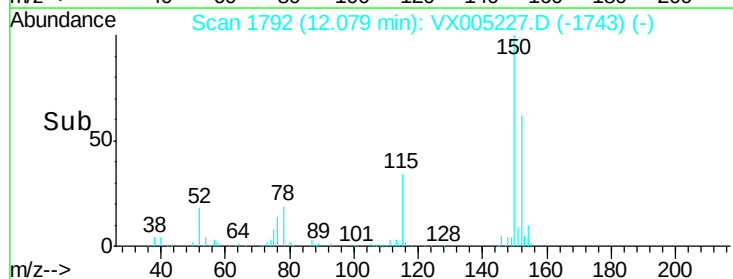
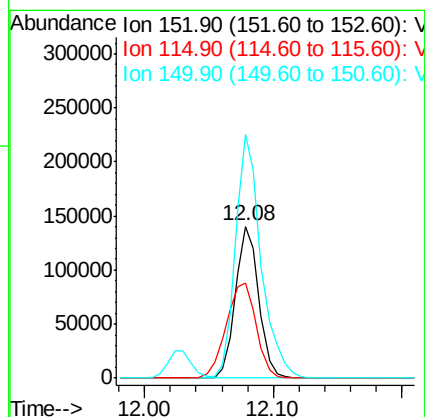
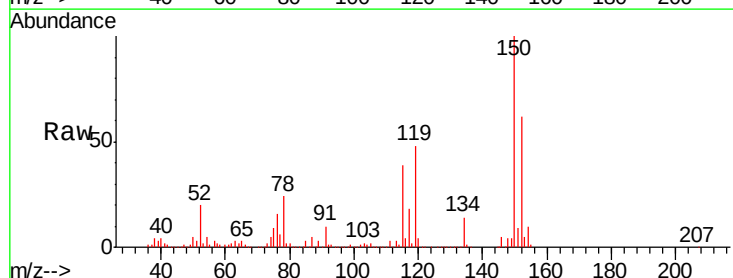
RT: 12.08 min Scan# 1792

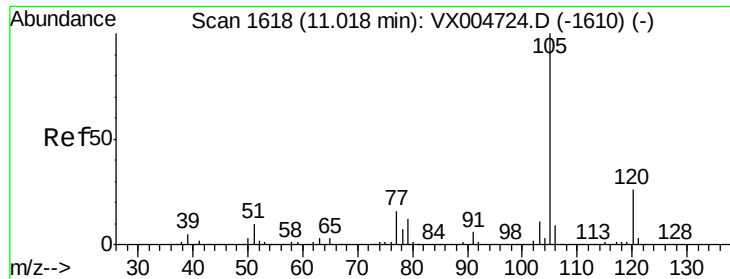
Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	152	Resp:	177191
Ion Ratio	Lower	Upper	
152	100		
115	80.5	40.2	120.6
150	175.9	0.0	351.0





#73

Isopropylbenzene

Concen: 57.66 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 644017

Ion Ratio Lower Upper

105 100

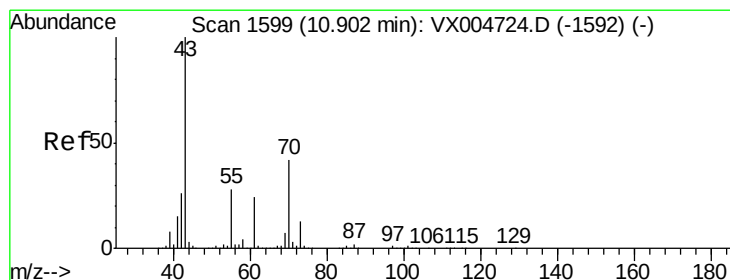
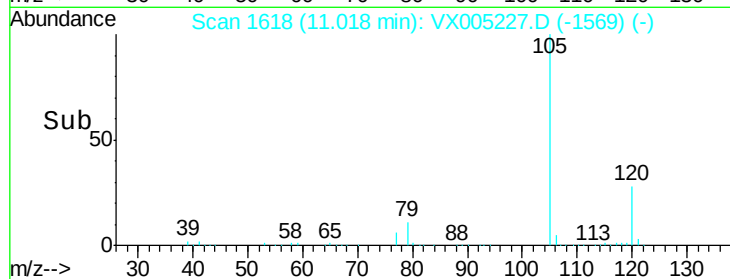
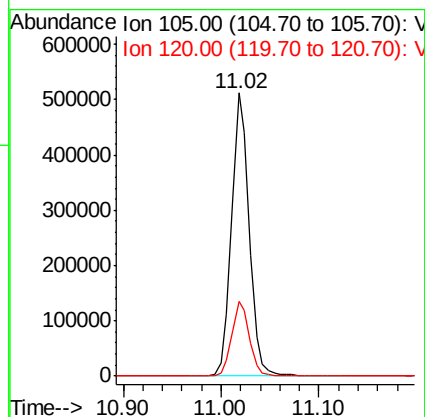
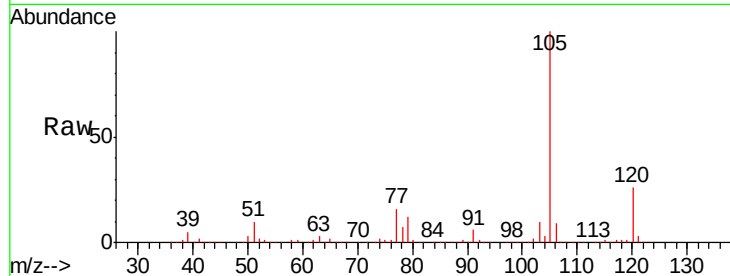
120 26.5 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.57 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion: 43 Resp: 310584

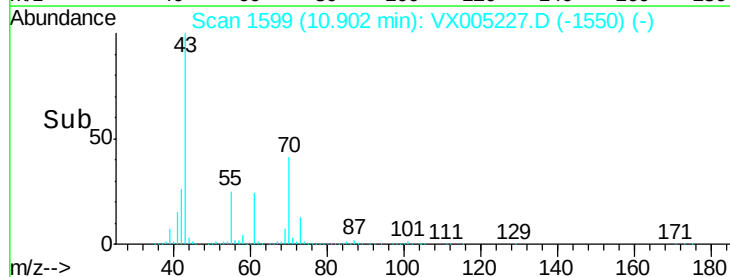
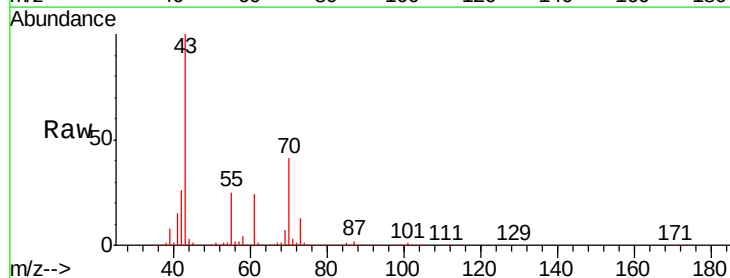
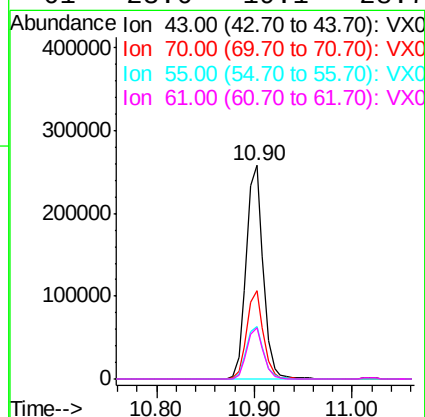
Ion Ratio Lower Upper

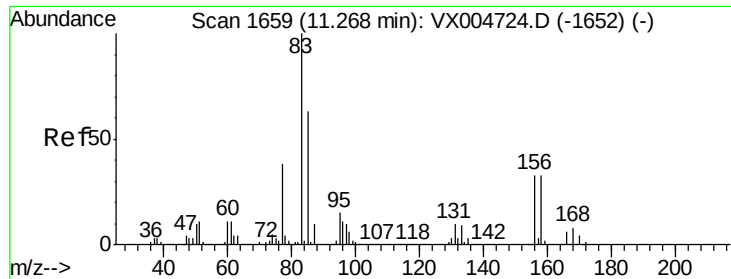
43 100

70 40.6 32.6 48.8

55 25.3 21.6 32.4

61 23.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.20 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

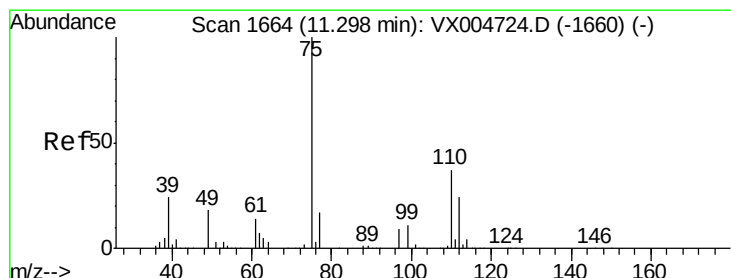
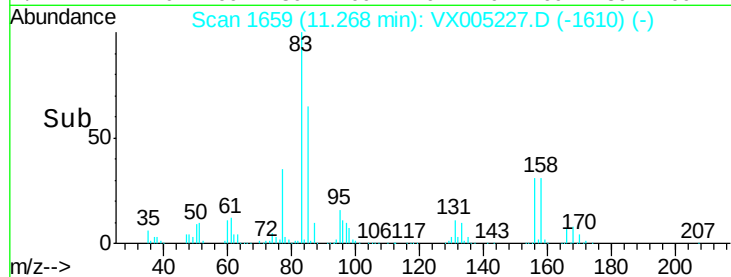
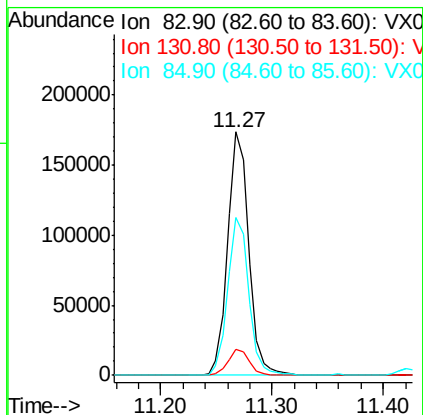
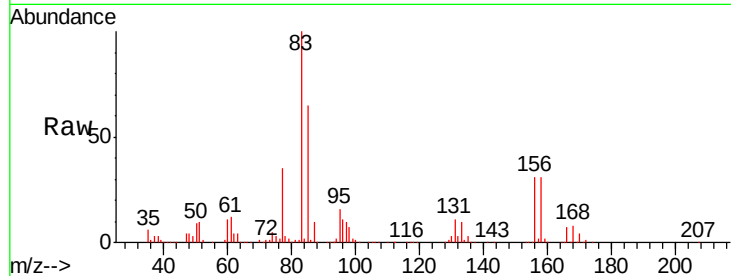
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	228231
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.3
85	64.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 52.44 ug/l m

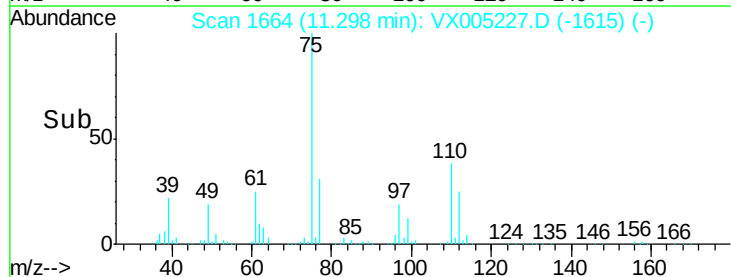
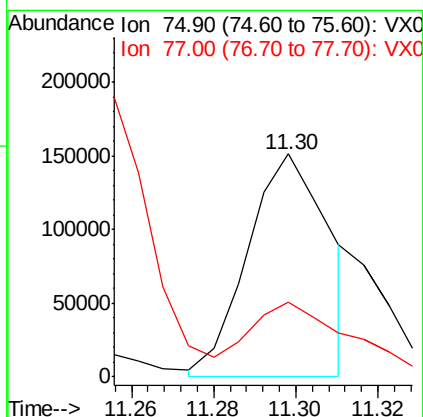
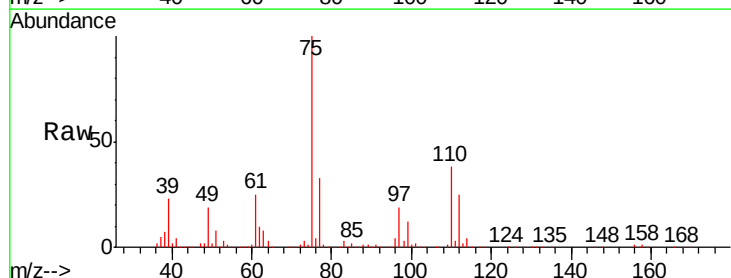
RT: 11.30 min Scan# 1664

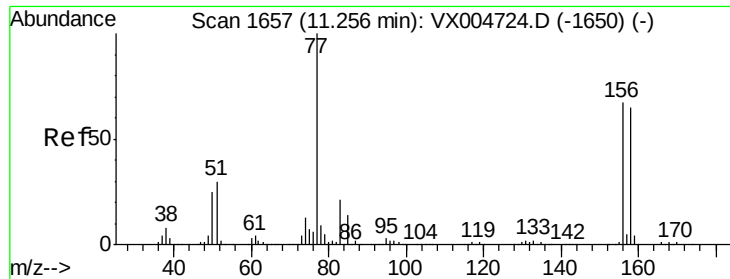
Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	75	Resp:	208282
Ion Ratio	Lower	Upper	
75	100		
77	41.4	21.4	64.3





#77

Bromobenzene

Concen: 53.17 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

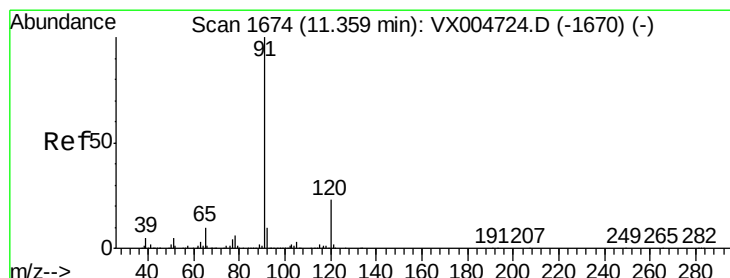
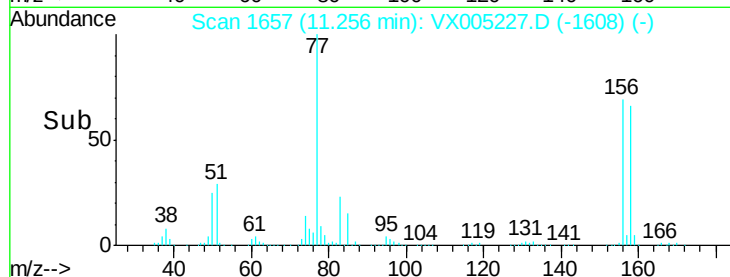
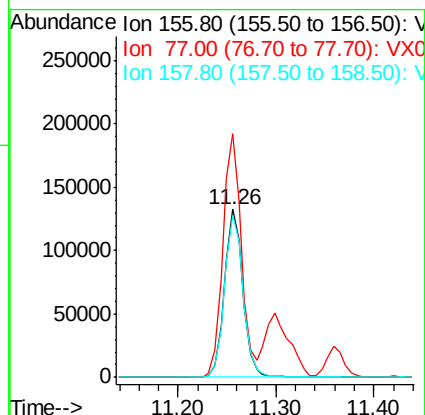
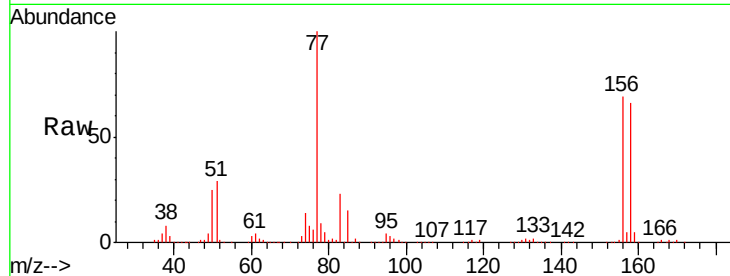
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	172497
Ion Ratio	Lower	Upper	
156	100		
77	145.4	73.4	220.2
158	98.4	49.1	147.4

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#78

n-propylbenzene

Concen: 57.78 ug/l

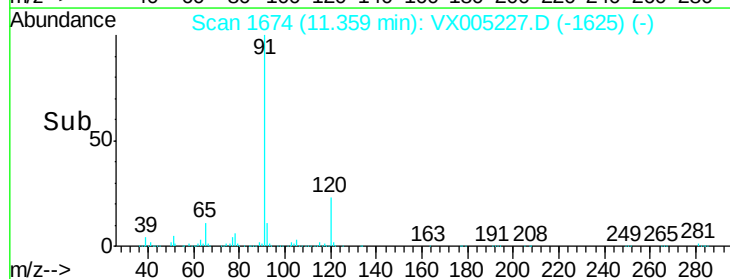
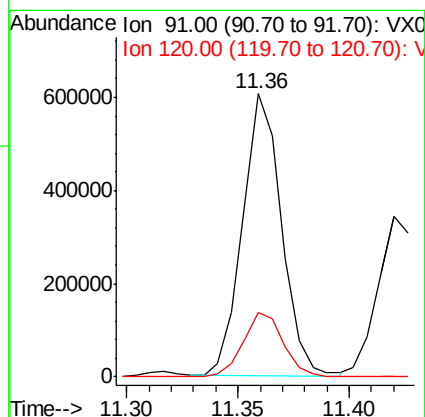
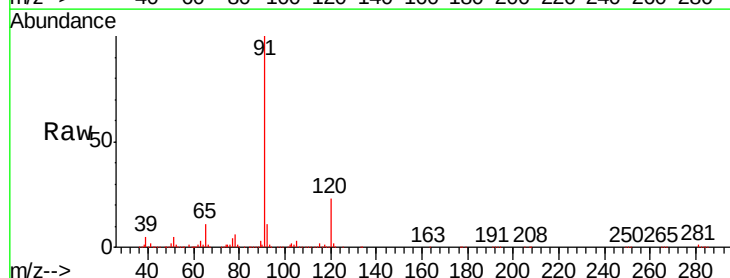
RT: 11.36 min Scan# 1674

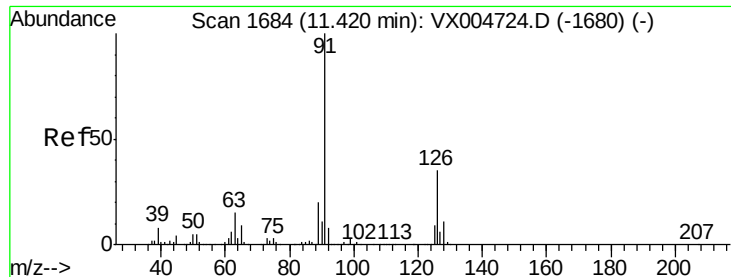
Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	91	Resp:	740433
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.0	36.0





#79

2-Chlorotoluene

Concen: 55.21 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 440970

Ion Ratio Lower Upper

91 100

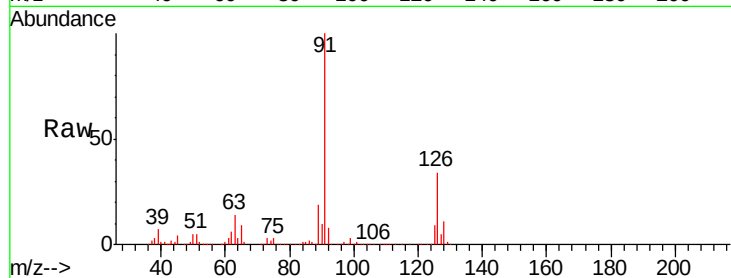
126 34.8 17.6 52.9

Manual Integrations

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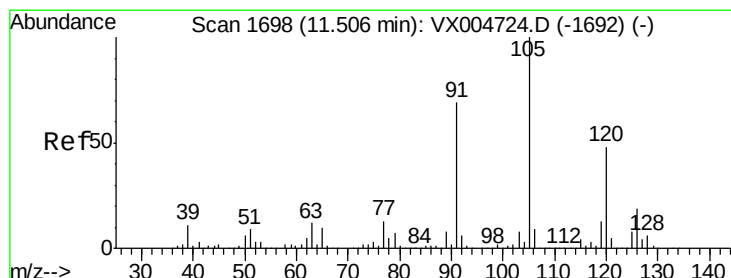
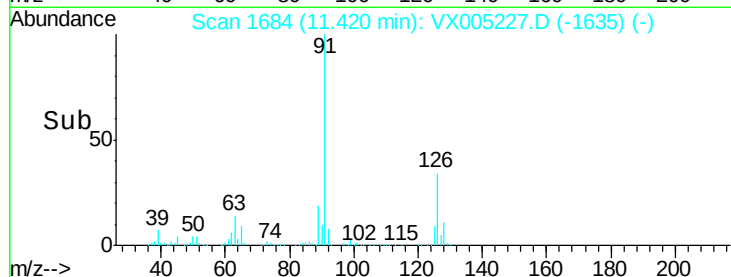
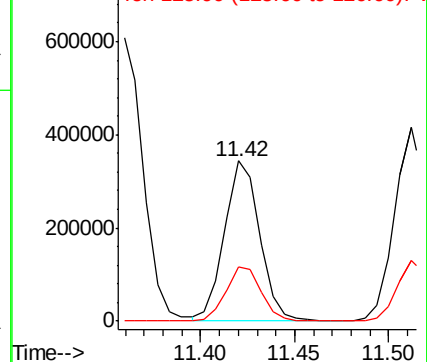
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.73 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005227.D

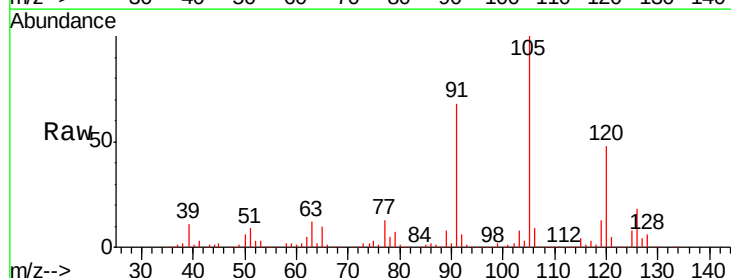
Acq: 11 Oct 2018 00:29

Tgt Ion: 105 Resp: 549817

Ion Ratio Lower Upper

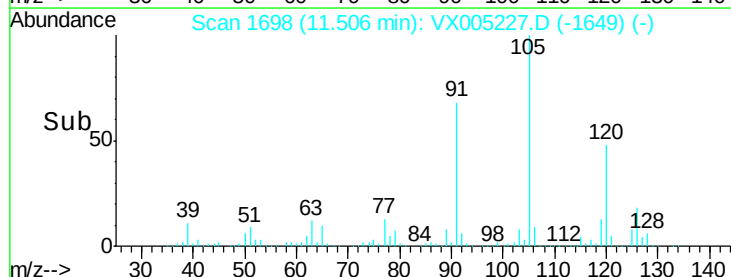
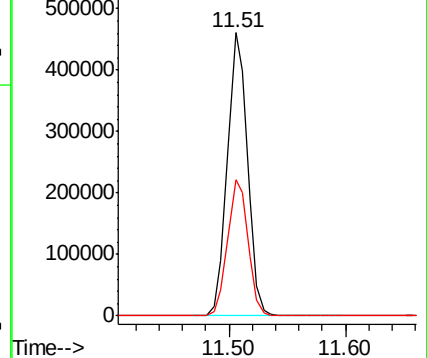
105 100

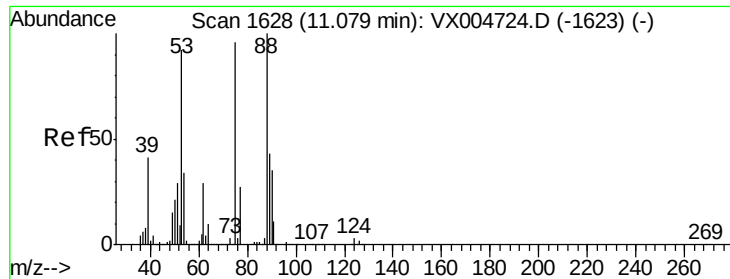
120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 42.12 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

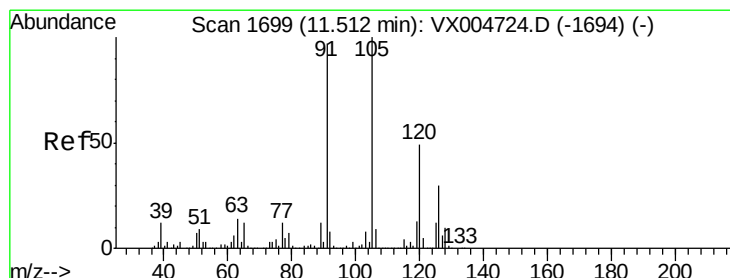
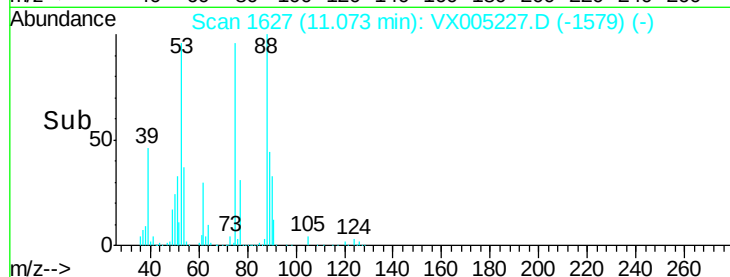
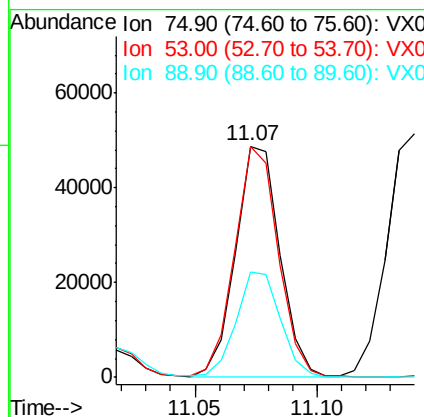
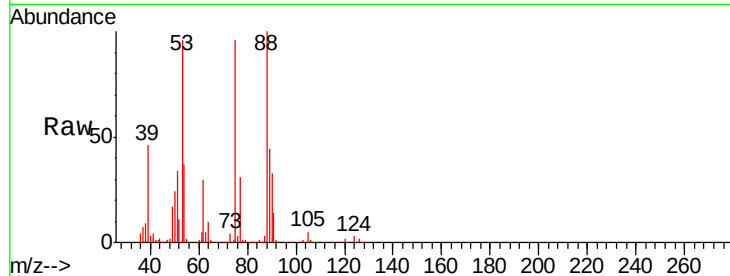
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	60852
Ion Ratio	Lower	Upper	
75	100		
53	98.4	80.2	120.4
89	46.3	37.1	55.7

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#82

4-Chlorotoluene

Concen: 55.50 ug/l

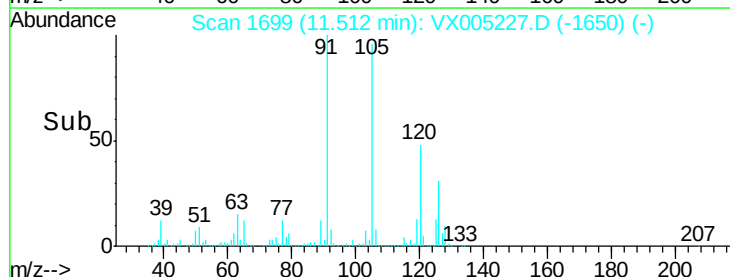
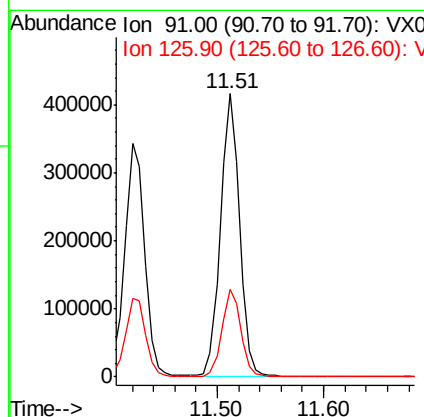
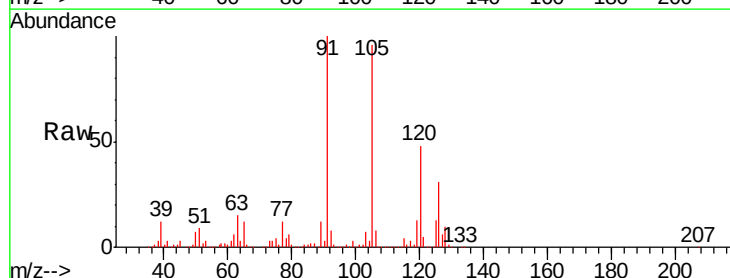
RT: 11.51 min Scan# 1699

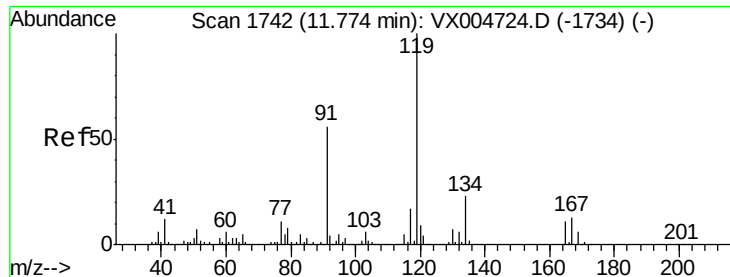
Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	91	Resp:	521796
Ion Ratio	Lower	Upper	
91	100		
126	30.6	15.5	46.5





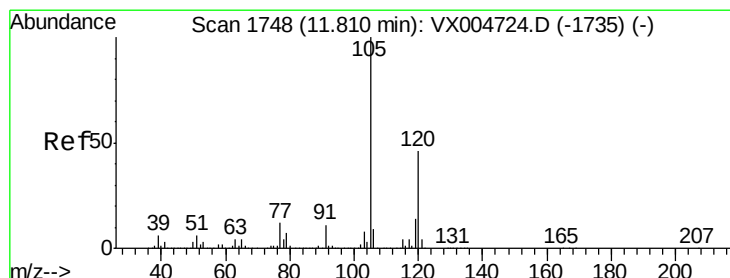
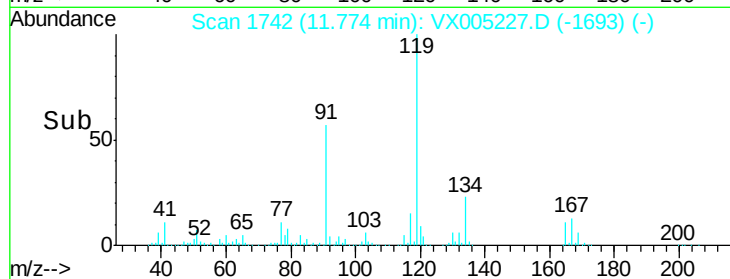
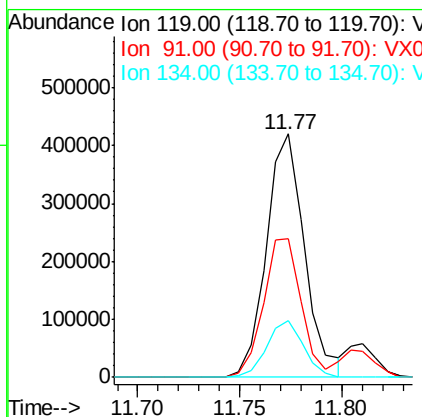
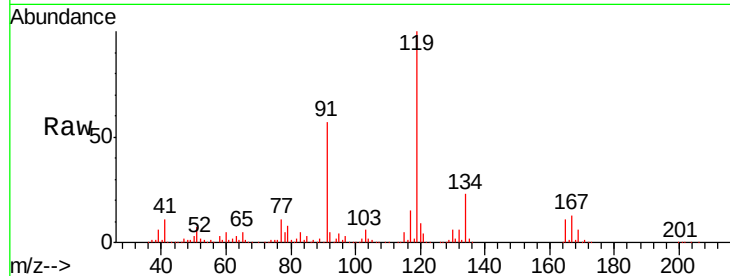
#83
 tert-Butylbenzene
 Concen: 59.81 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	549935		
91	56.1	27.5	82.5	
134	22.5	11.5	34.4	

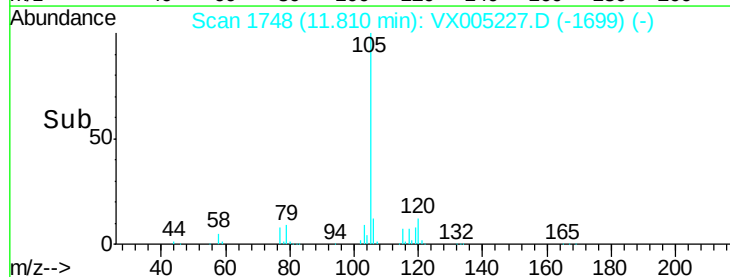
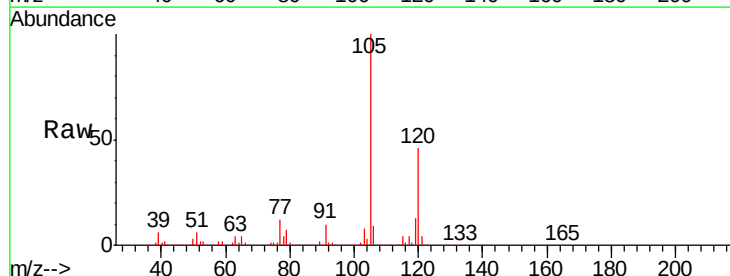
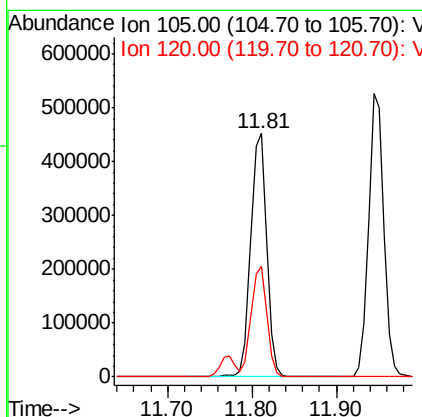
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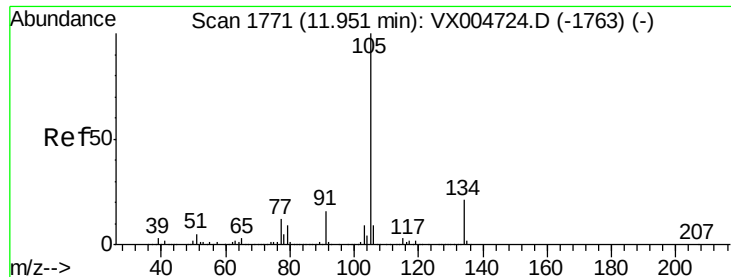
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.02 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	570066		
120	44.8	22.8	68.3	





#85

sec-Butylbenzene

Concen: 59.06 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 661539

Ion Ratio Lower Upper

105 100

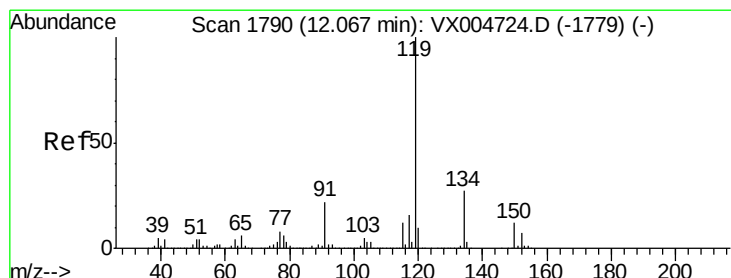
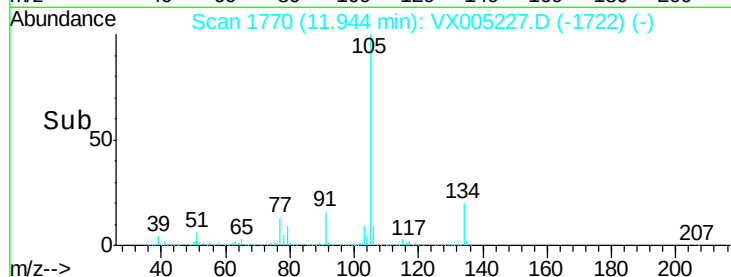
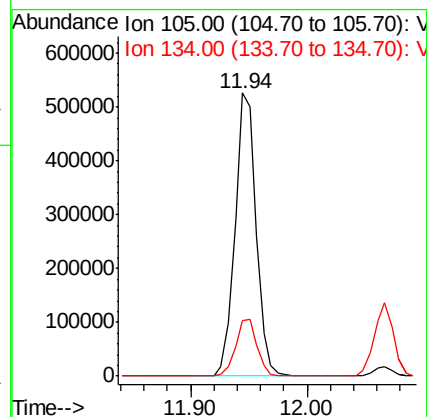
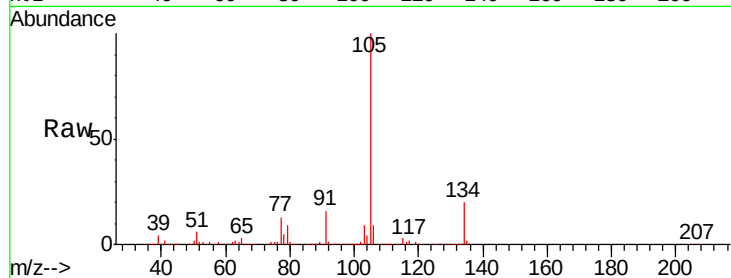
134 20.4 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 58.62 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

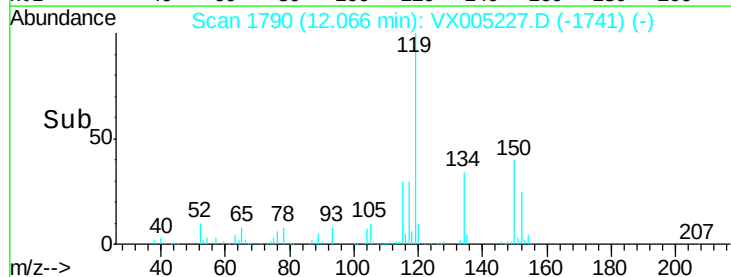
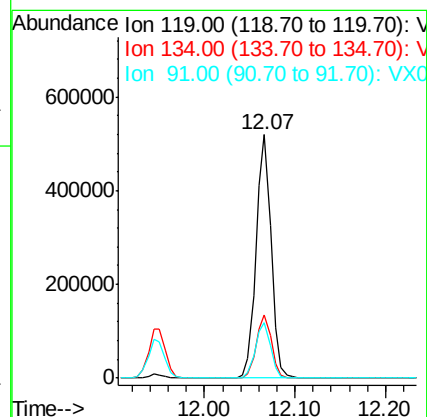
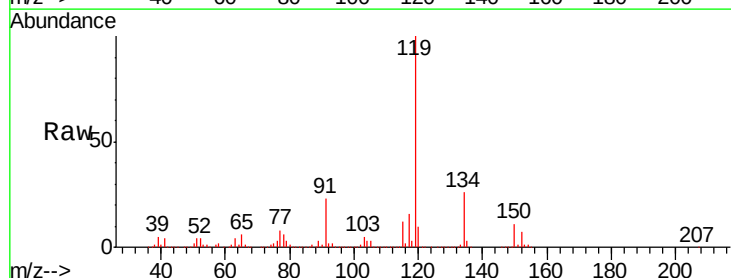
Tgt Ion:119 Resp: 594808

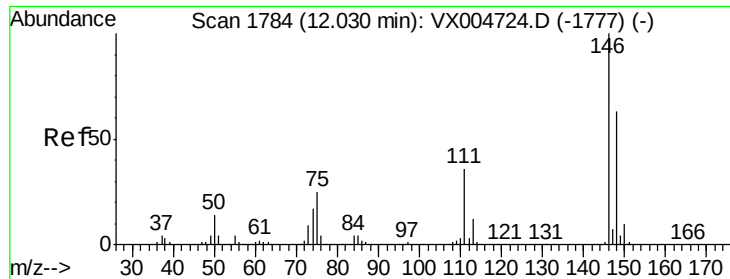
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

91 22.9 11.5 34.4





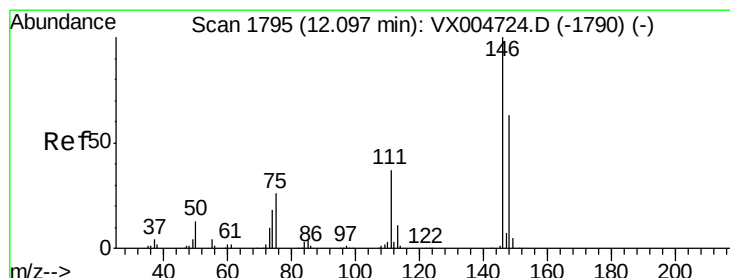
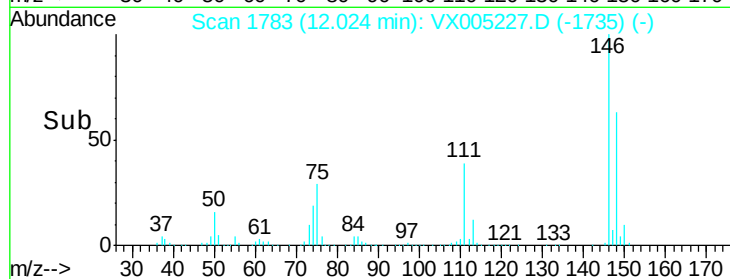
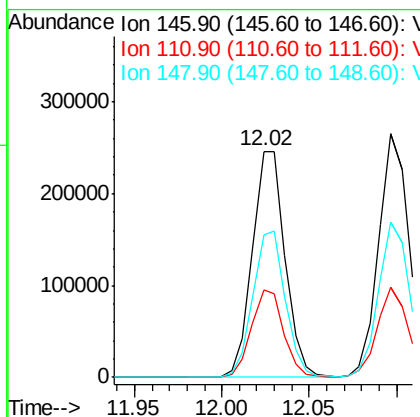
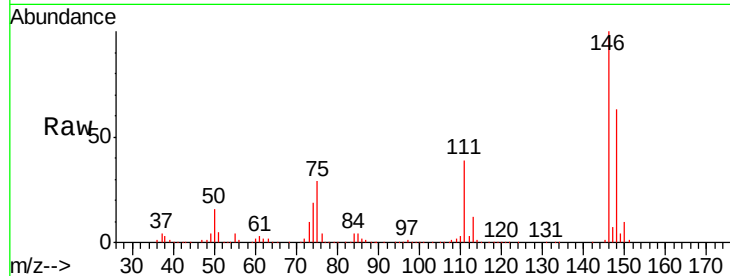
#87
 1,3-Dichlorobenzene
 Concen: 52.95 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.1	31.8	95.3

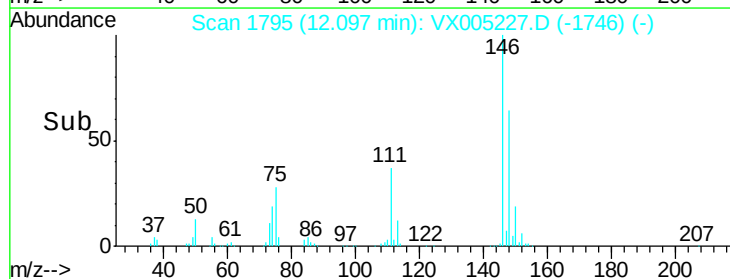
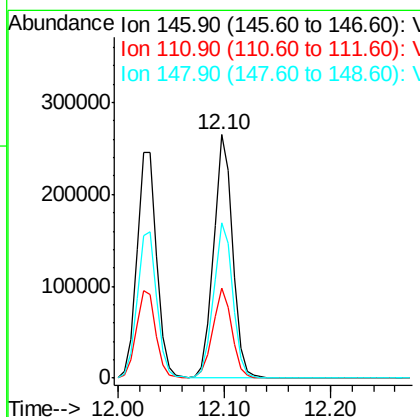
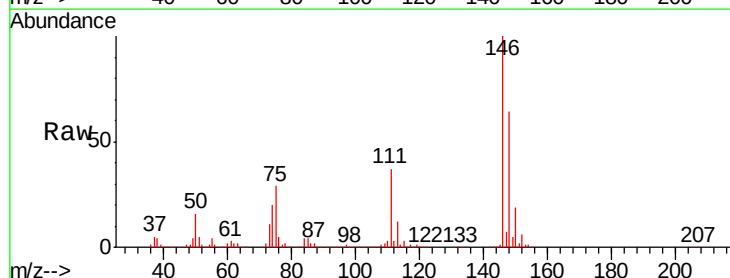
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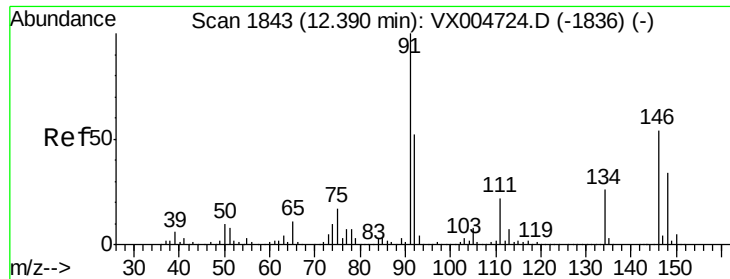
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#88
 1,4-Dichlorobenzene
 Concen: 51.82 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.2
148	64.6	32.0	96.0





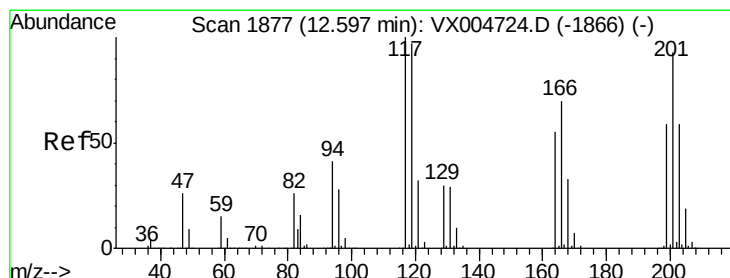
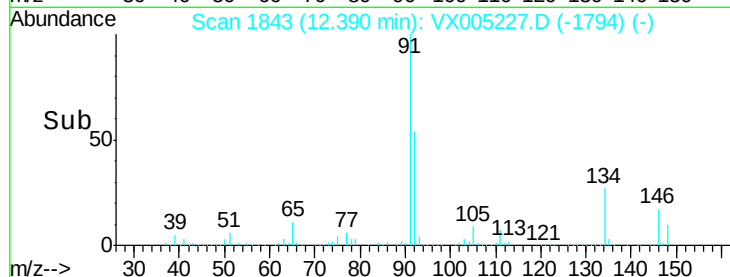
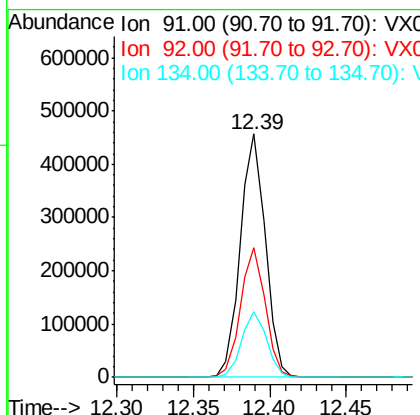
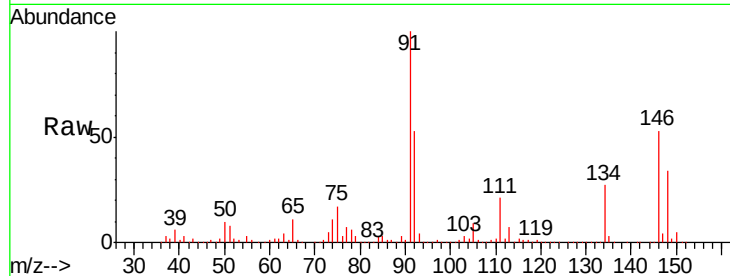
#89
n-Butylbenzene
Concen: 56.47 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 520380
Ion Ratio Lower Upper
91 100
92 52.5 26.0 78.0
134 26.6 13.2 39.6

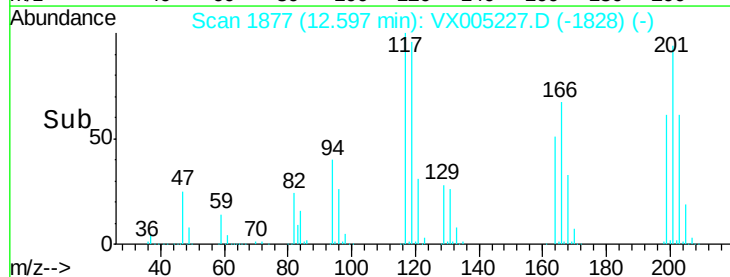
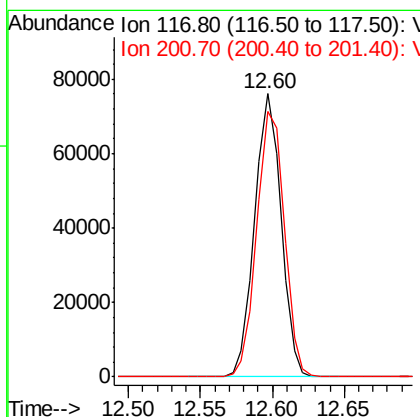
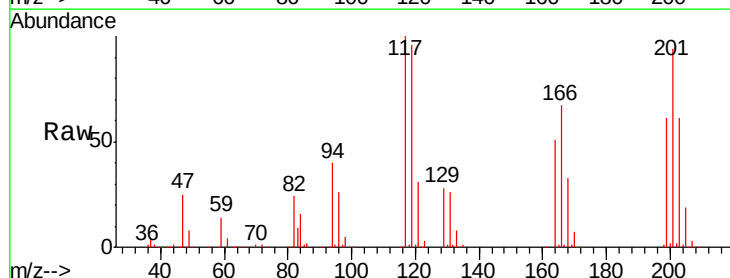
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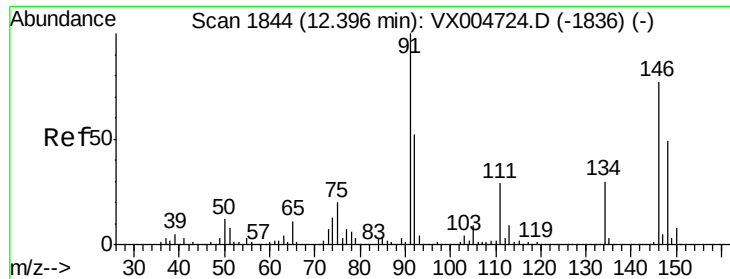
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#90
Hexachloroethane
Concen: 56.89 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion: 117 Resp: 96121
Ion Ratio Lower Upper
117 100
201 98.0 48.4 145.0





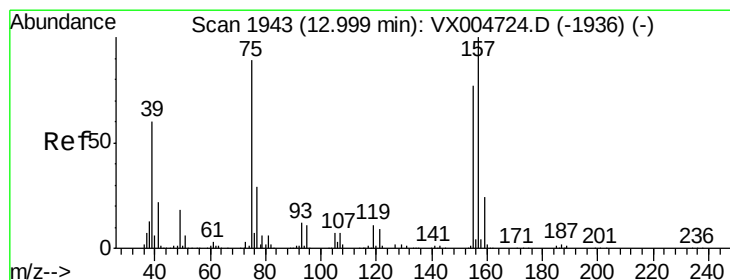
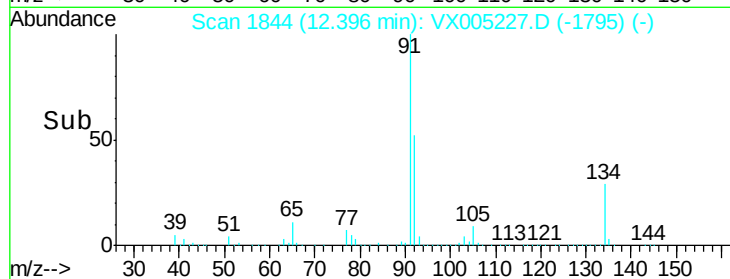
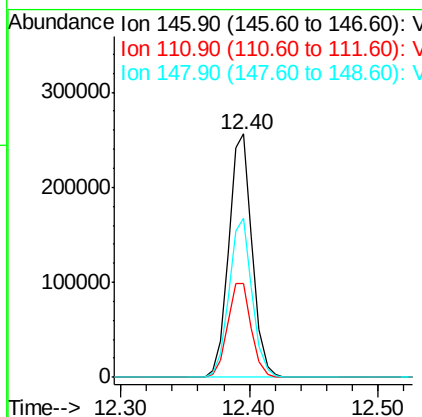
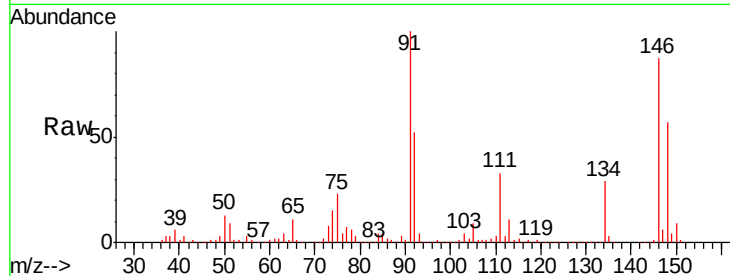
#91
1,2-Dichlorobenzene
Concen: 51.31 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.4	31.8	95.4

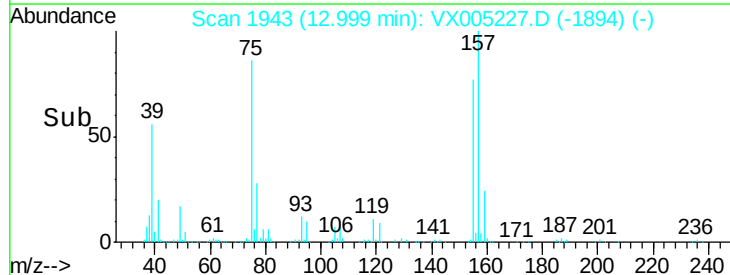
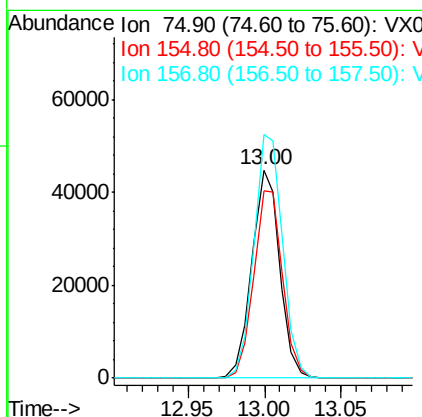
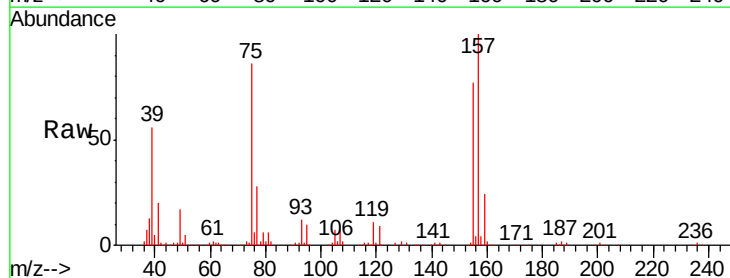
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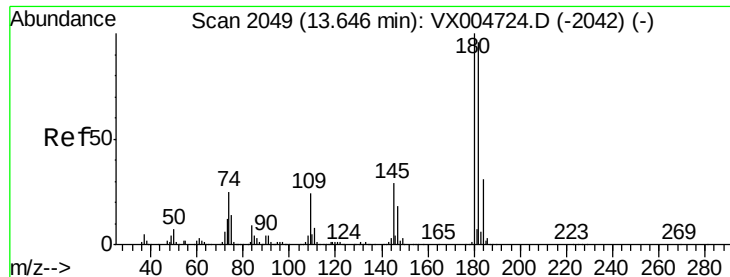
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#92
1,2-Dibromo-3-Chloropropane
Concen: 56.85 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX005227.D
Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.7	46.1	138.3
157	120.5	60.2	180.6





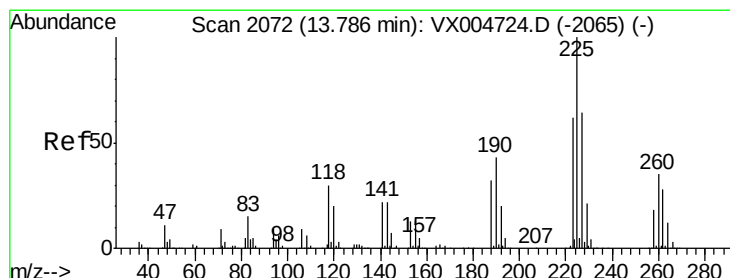
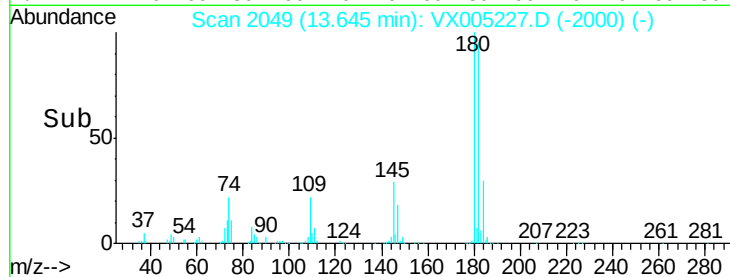
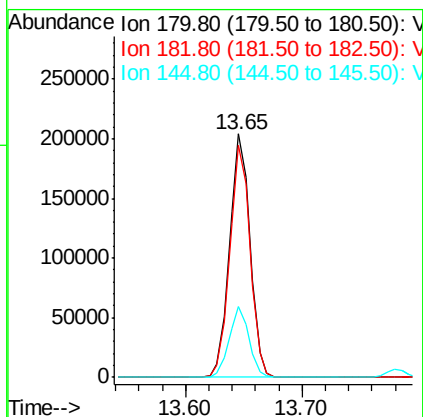
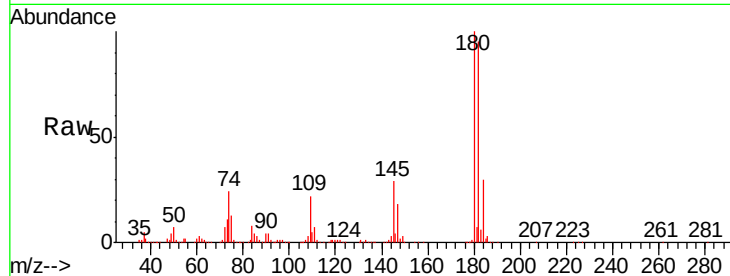
#93
 1,2,4-Trichlorobenzene
 Concen: 55.95 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	248466		
182	95.1	47.8	143.4	
145	28.1	14.1	42.4	

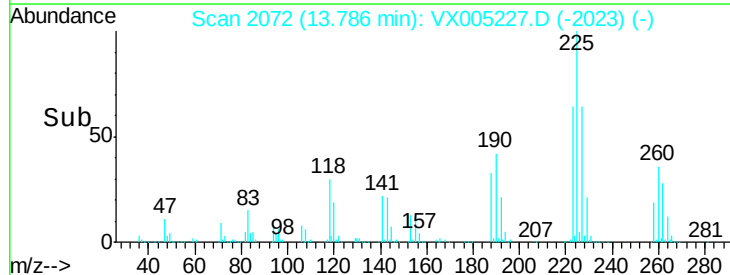
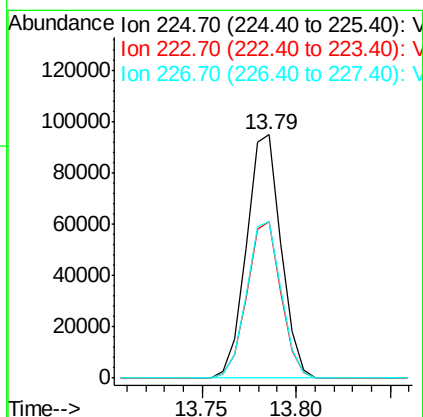
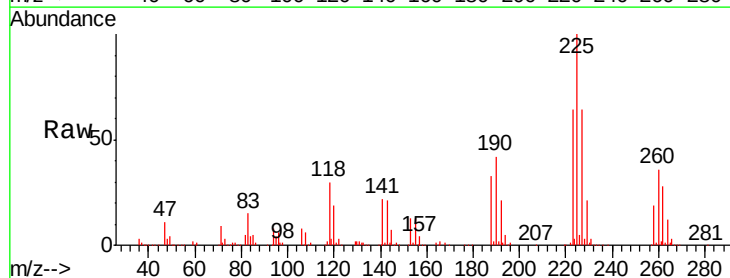
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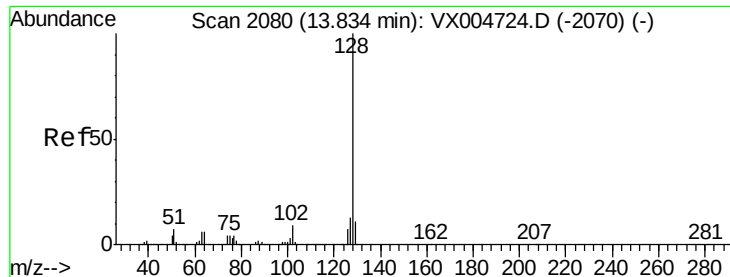
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 52.46 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005227.D
 Acq: 11 Oct 2018 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	120808		
223	63.0	31.3	93.8	
227	64.3	31.9	95.5	





#95

Naphthalene

Concen: 53.37 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Instrument :

MSVOA_X

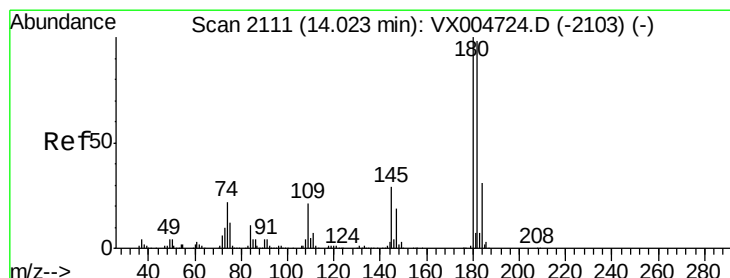
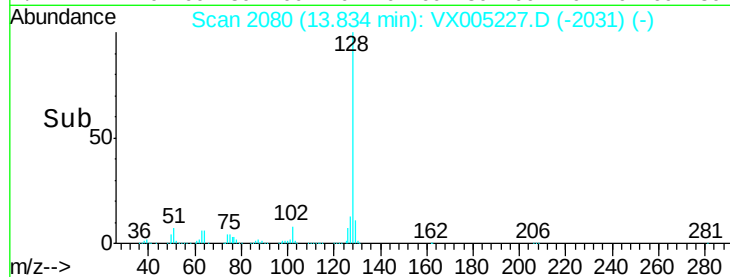
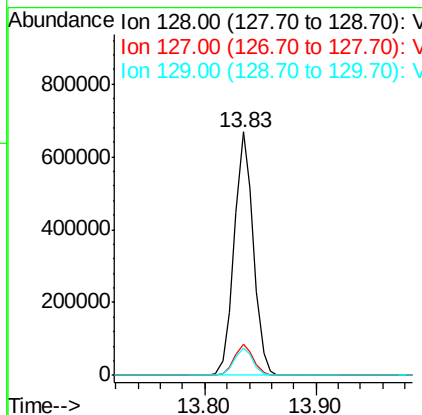
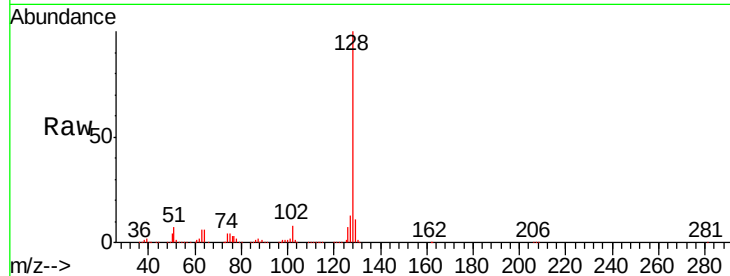
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	787327
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:02 AM



#96

1,2,3-Trichlorobenzene

Concen: 56.52 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005227.D

Acq: 11 Oct 2018 00:29

Tgt Ion:	180	Resp:	259288
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.9	143.8
145	29.3	15.0	45.0

