

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004597.D
 Acq On : 15 Sep 2018 20:53
 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
 9/17/2018 6:27:29 PM

Quant Time: Sep 17 08:44:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	270080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195429	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174337	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	5.50	113	152795	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	8.72	98	518989	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.14	95	191560	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	120619	47.65	ug/l	95
3) Chloromethane	1.32	50	154254	44.28	ug/l	95
4) Vinyl Chloride	1.40	62	169596	47.44	ug/l	94
5) Bromomethane	1.64	94	60121	39.92	ug/l	91
6) Chloroethane	1.71	64	113423	49.06	ug/l	97
7) Trichlorofluoromethane	1.92	101	221521	46.74	ug/l	93
8) Diethyl Ether	2.19	74	107719	50.69	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144176	47.95	ug/l	98
10) Methyl Iodide	2.51	142	107339	31.58	ug/l	96
11) Tert butyl alcohol	3.08	59	190801	229.62	ug/l	99
12) 1,1-Dichloroethene	2.37	96	138194	48.97	ug/l	95
13) Acrolein	2.29	56	94683	288.65	ug/l	97
14) Allyl chloride	2.73	41	264242	45.55	ug/l	98
15) Acrylonitrile	3.15	53	472286	236.02	ug/l	99
16) Acetone	2.45	43	354239	208.41	ug/l	94
17) Carbon Disulfide	2.57	76	396276	48.58	ug/l	97
18) Methyl Acetate	2.78	43	231910	48.63	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	507728	51.28	ug/l	100
20) Methylene Chloride	2.85	84	163081	46.77	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	148907	47.75	ug/l	96
22) Diisopropyl ether	3.87	45	520937	49.85	ug/l	94
23) Vinyl Acetate	3.82	43	2138015	252.84	ug/l	98
24) 1,1-Dichloroethane	3.70	63	290740	49.28	ug/l	99
25) 2-Butanone	4.70	43	618129	228.51	ug/l	92
26) 2,2-Dichloropropane	4.57	77	171319	42.28	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	176835	50.80	ug/l	97
28) Bromochloromethane	5.02	49	140692	52.14	ug/l	95
29) Tetrahydrofuran	5.15	42	403163	247.14	ug/l	99
30) Chloroform	5.21	83	280299	48.67	ug/l	98
31) Cyclohexane	5.57	56	262239	52.06	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	230733	49.74	ug/l	99
36) 1,1-Dichloropropene	5.80	75	215882	51.32	ug/l	99
37) Ethyl Acetate	4.86	43	230743	48.23	ug/l	99
38) Carbon Tetrachloride	5.79	117	206687	50.31	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227904	51.92	ug/l	96
40) Benzene	6.14	78	615634	49.33	ug/l	99
41) Methacrylonitrile	5.06	41	130338	49.45	ug/l	99
42) 1,2-Dichloroethane	6.19	62	197169	47.63	ug/l	98
43) Isopropyl Acetate	6.46	43	324061	51.00	ug/l	99
44) Trichloroethene	7.21	130	157830	48.68	ug/l	96
45) 1,2-Dichloropropane	7.52	63	150453	50.10	ug/l	99
46) Dibromomethane	7.66	93	94155	49.63	ug/l	98
47) Bromodichloromethane	7.90	83	179551	50.04	ug/l	98
48) Methyl methacrylate	7.78	41	162610	51.71	ug/l	98
49) 1,4-Dioxane	7.76	88	74392	999.52	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1036283	231.10	ug/l	99
52) Toluene	8.79	92	362343	49.28	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	201342	48.04	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	221268	51.79	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	145422	45.93	ug/l	98
56) Ethyl methacrylate	9.18	69	224136	50.04	ug/l	98
57) 1,3-Dichloropropane	9.37	76	243256	47.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	559573	245.35	ug/l	95
59) 2-Hexanone	9.50	43	786075	228.54	ug/l	99
60) Dibromochloromethane	9.59	129	148356	49.77	ug/l	100
61) 1,2-Dibromoethane	9.67	107	150240	49.67	ug/l	99
64) Tetrachloroethene	9.34	164	181490	44.63	ug/l	99
65) Chlorobenzene	10.14	112	404704	50.03	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	143249	51.35	ug/l	100
67) Ethyl Benzene	10.25	91	684801	52.06	ug/l	97
68) m/p-Xylenes	10.36	106	535934	105.77	ug/l	98
69) o-Xylene	10.70	106	260924	53.56	ug/l	99
70) Styrene	10.71	104	436203	54.05	ug/l	98
71) Bromoform	10.86	173	117793	51.43	ug/l #	98
73) Isopropylbenzene	11.02	105	697287	54.18	ug/l	100
74) N-amyl acetate	10.90	43	293850	54.24	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	211864	51.03	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	198580m	50.51	ug/l	
77) Bromobenzene	11.26	156	184777	51.94	ug/l	99
78) n-propylbenzene	11.36	91	795428	53.75	ug/l	100
79) 2-Chlorotoluene	11.42	91	468282	52.17	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	584099	53.98	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	61616	49.95	ug/l	93
82) 4-Chlorotoluene	11.51	91	546698	52.19	ug/l	99
83) tert-Butylbenzene	11.77	119	570725	55.41	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	598476	54.18	ug/l	100
85) sec-Butylbenzene	11.94	105	710200	54.10	ug/l	99
86) p-Isopropyltoluene	12.07	119	633121	54.62	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	338494	51.00	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	342203	49.90	ug/l	99
89) n-Butylbenzene	12.39	91	543180	51.42	ug/l	98
90) Hexachloroethane	12.60	117	98566	53.11	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	345444	51.42	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47111	53.15	ug/l	96

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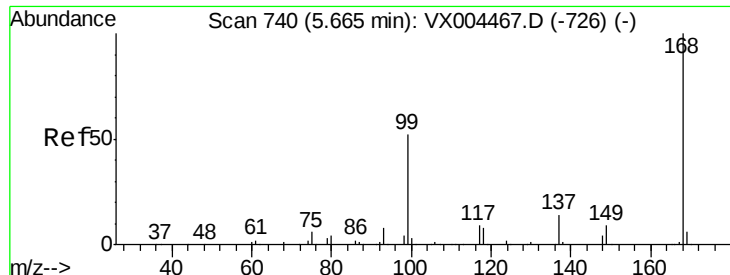
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	256416	53.90	ug/l	99
94) Hexachlorobutadiene	13.79	225	125934	50.68	ug/l	97
95) Naphthalene	13.83	128	854378	64.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	262529	53.72	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 270080

Ion Ratio Lower Upper

168 100

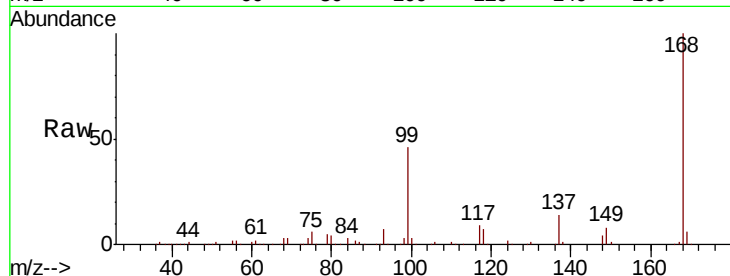
99 45.5 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

40000

20000

0

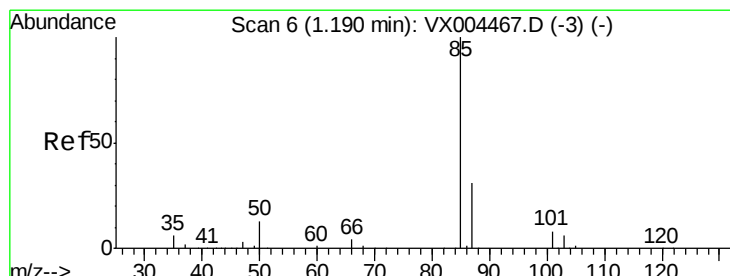
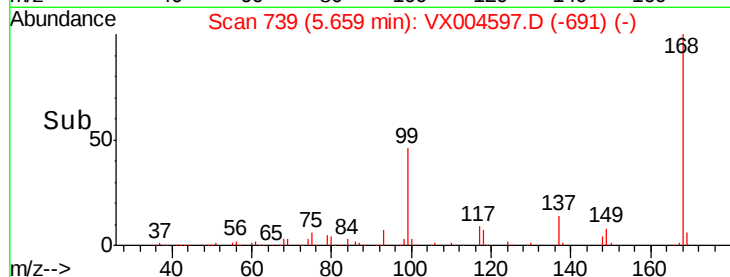
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.65 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX004597.D

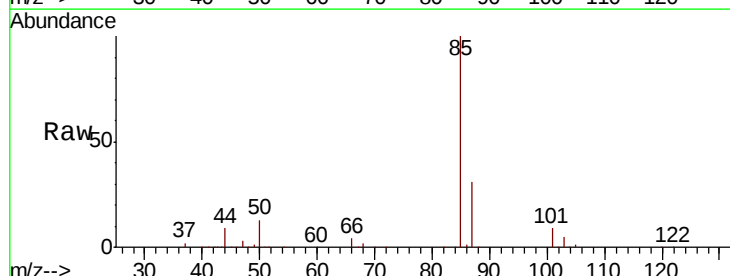
Acq: 15 Sep 2018 20:53

Tgt Ion: 85 Resp: 120619

Ion Ratio Lower Upper

85 100

87 31.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

50000

0

1.15

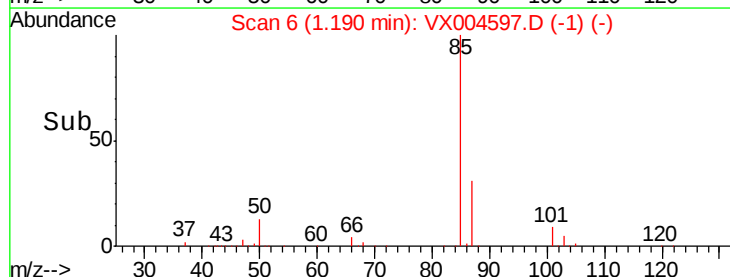
1.20

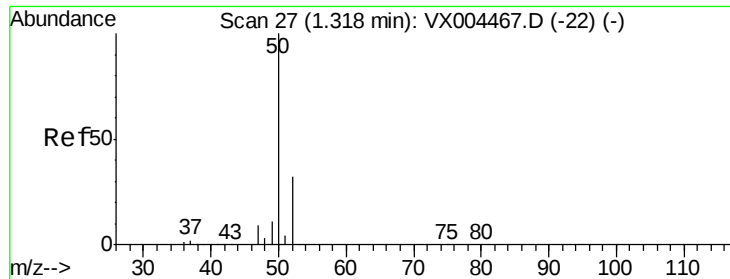
1.25

1.30

1.35

Time-->





#3

Chloromethane

Concen: 44.28 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 154254

Ion Ratio Lower Upper

50 100

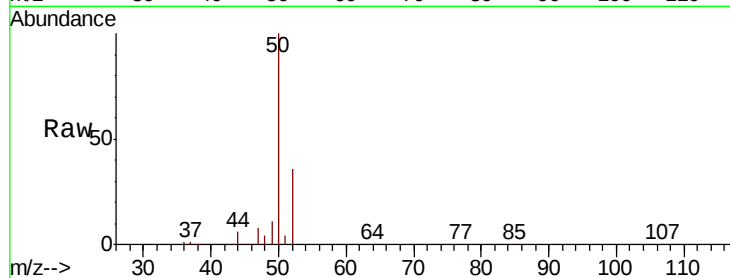
52 35.7 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

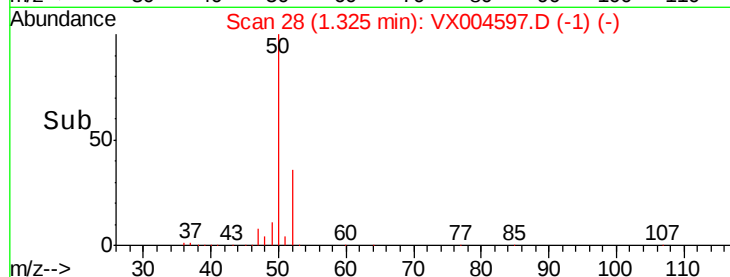
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100000

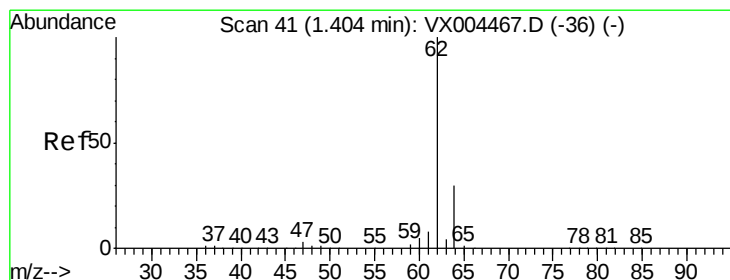
50000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 47.44 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004597.D

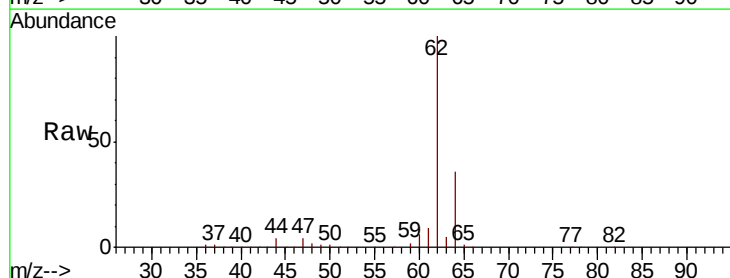
Acq: 15 Sep 2018 20:53

Tgt Ion: 62 Resp: 169596

Ion Ratio Lower Upper

62 100

64 35.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

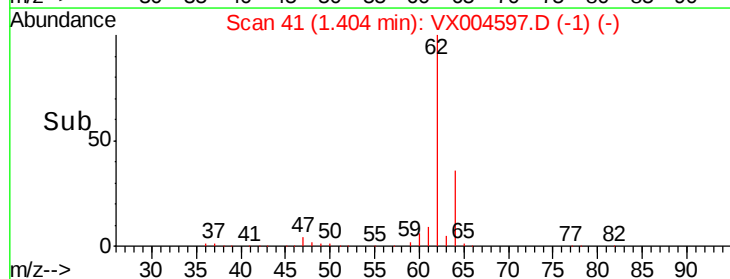
150000

100000

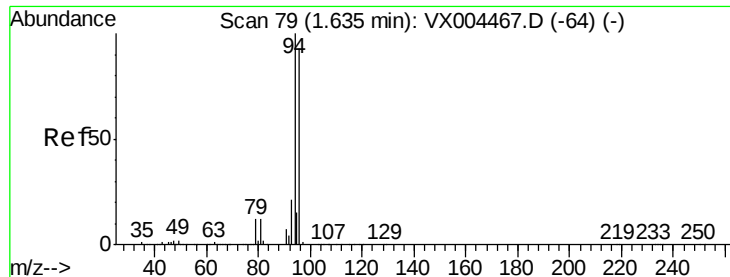
50000

0

Time-->



Time-->



#5

Bromomethane

Concen: 39.92 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Tot Ion: 94 Resp: 60121

Ion Ratio Lower Upper

94 100

96 101.4 74.5 111.7

Instrument :

MSVOA_X

ClientSampleId :

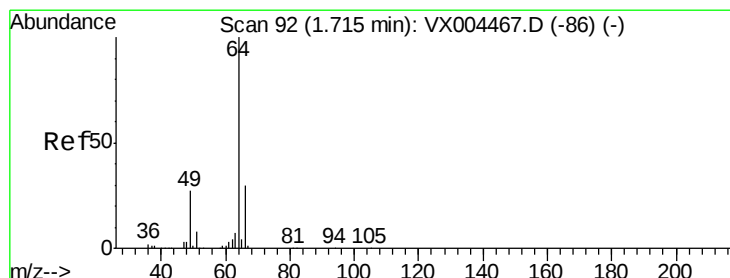
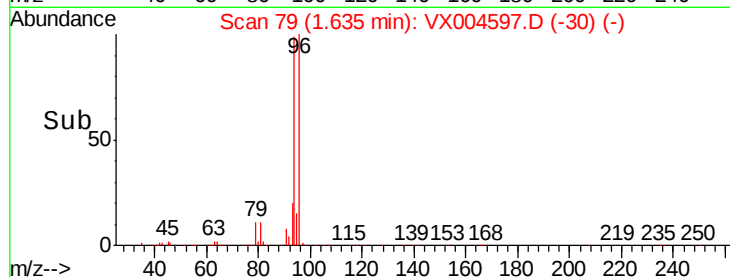
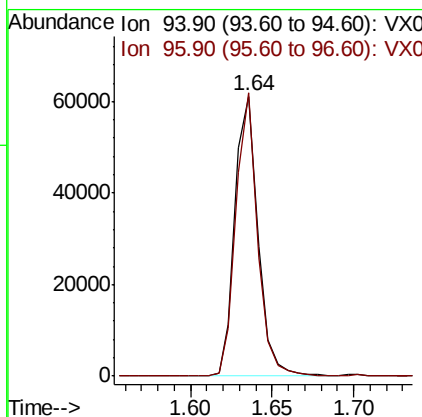
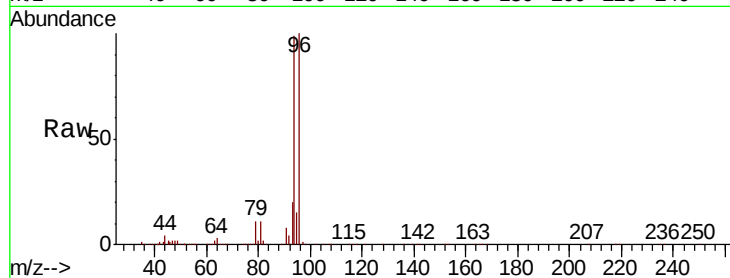
VSTDCCC050EC

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#6

Chloroethane

Concen: 49.06 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004597.D

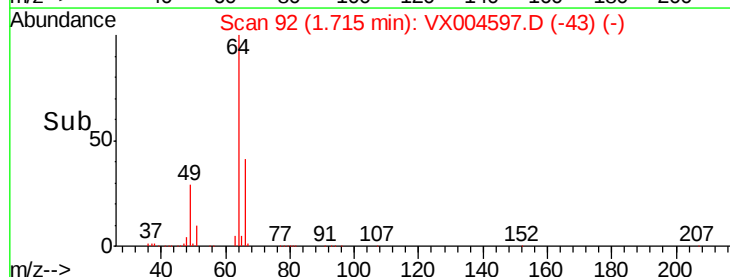
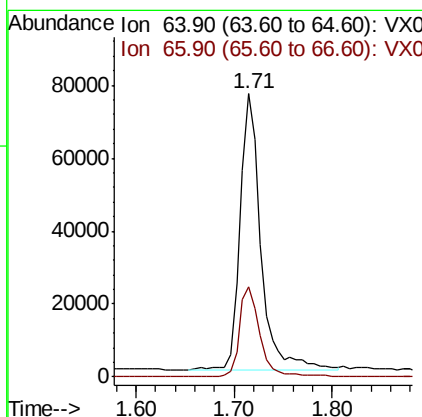
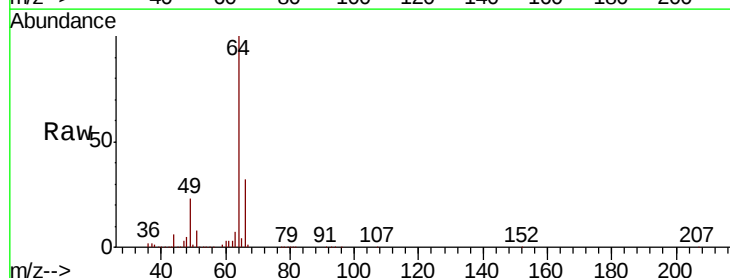
Acq: 15 Sep 2018 20:53

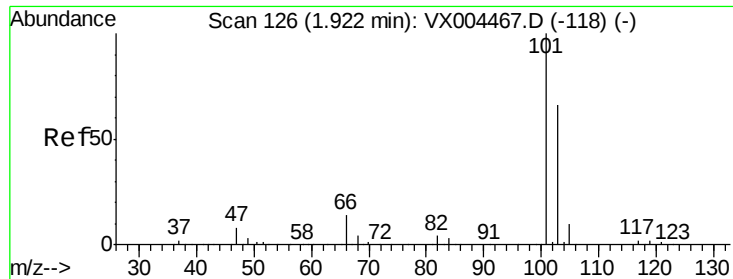
Tgt Ion: 64 Resp: 113423

Ion Ratio Lower Upper

64 100

66 32.4 24.6 36.8





#7

Trichlorofluoromethane

Concen: 46.74 ug/l

RT: 1.92 min Scan# 126

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 101 Resp: 221521

Ion Ratio Lower Upper

101 100

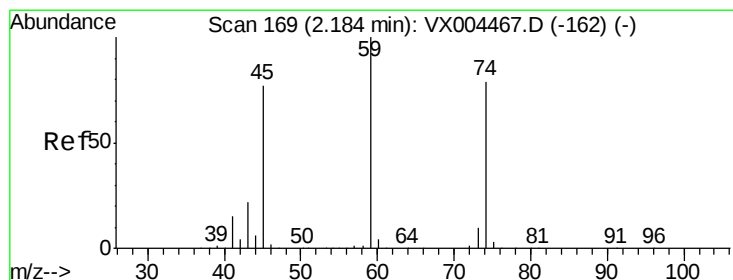
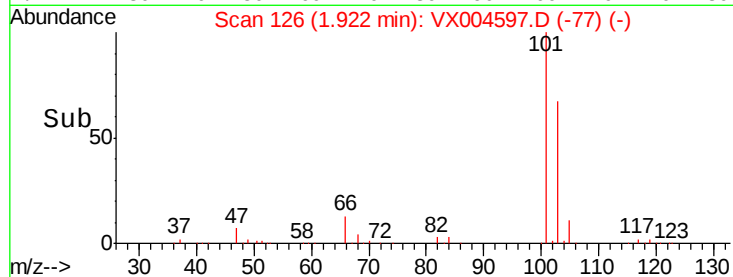
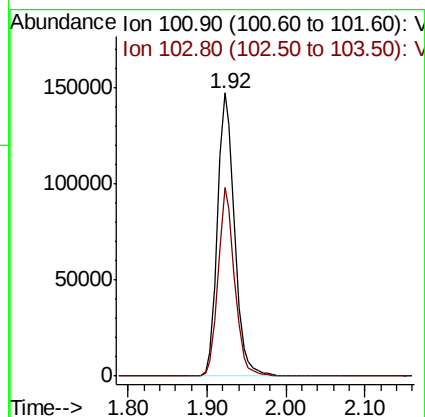
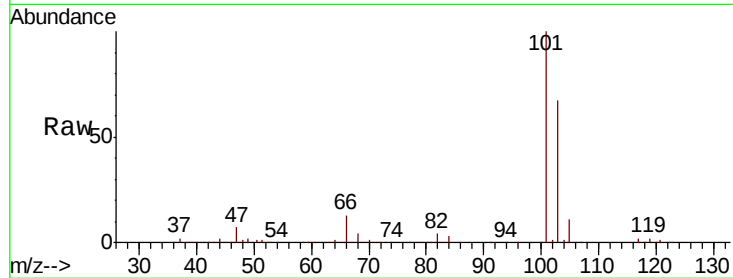
103 66.6 48.9 73.3

Manual Integrations

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#8

Diethyl Ether

Concen: 50.69 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX004597.D

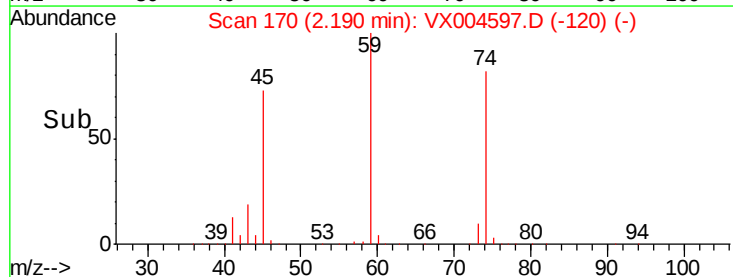
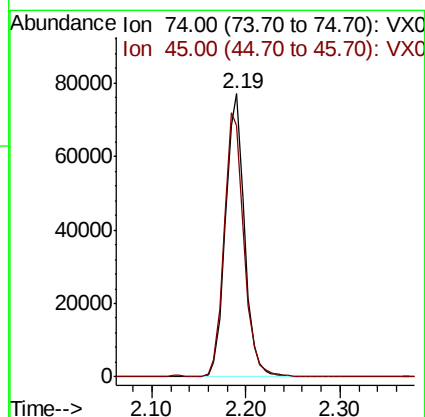
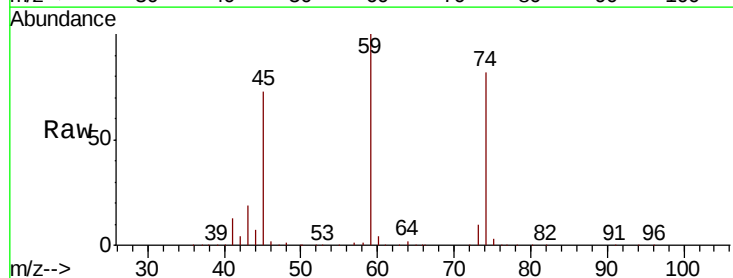
Acq: 15 Sep 2018 20:53

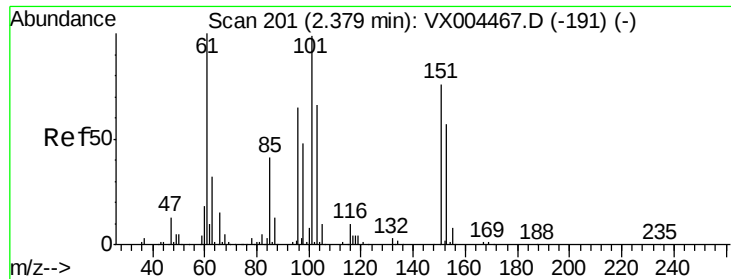
Tgt Ion: 74 Resp: 107719

Ion Ratio Lower Upper

74 100

45 96.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.95 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

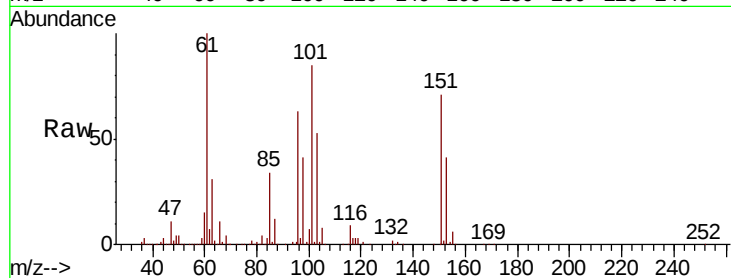
ClientSampleId :

VSTDCCC050EC

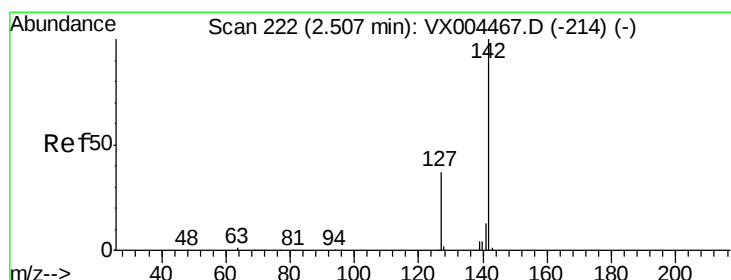
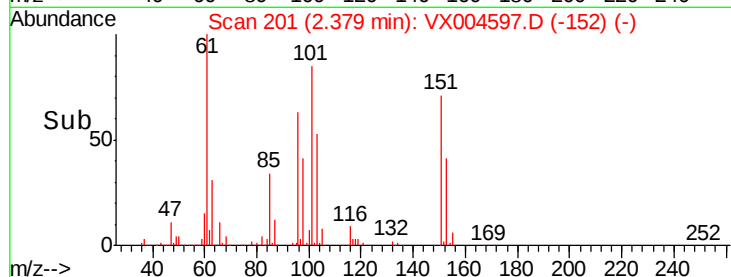
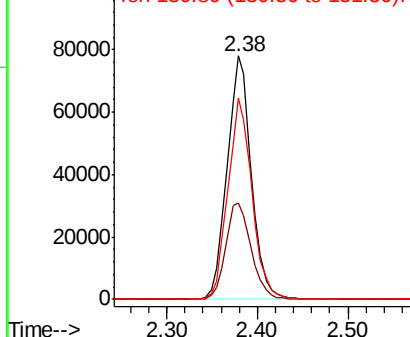
Tot Ion:	101	Resp:	144176
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.2	51.4
151	82.6	65.0	97.6

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 31.58 ug/l

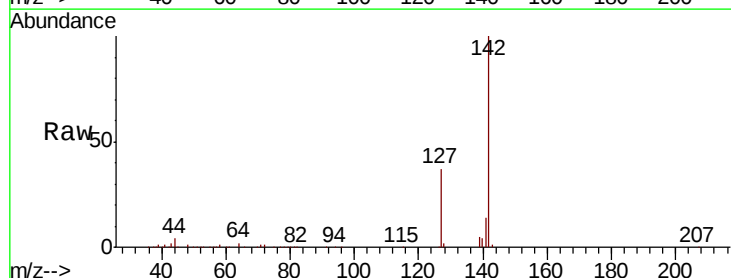
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

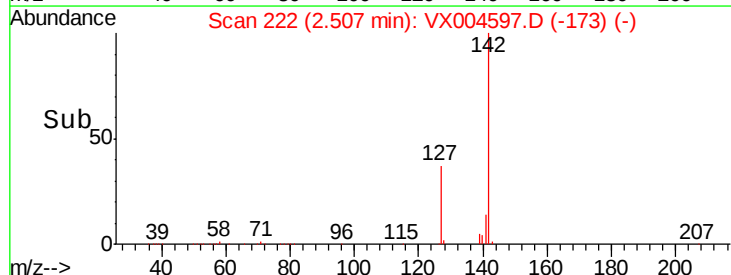
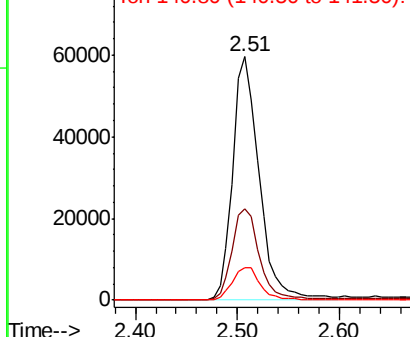
Lab File: VX004597.D

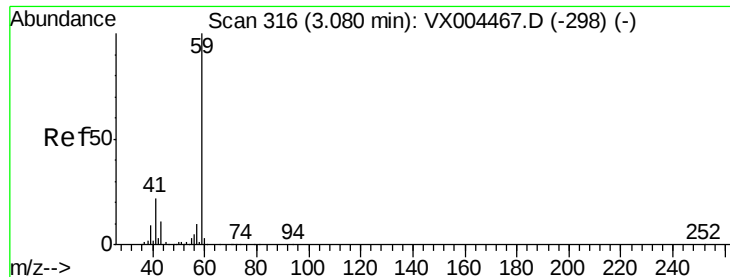
Acq: 15 Sep 2018 20:53

Tgt Ion:	142	Resp:	107339
Ion Ratio	Lower	Upper	
142	100		
127	38.7	33.8	50.6
141	14.1	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

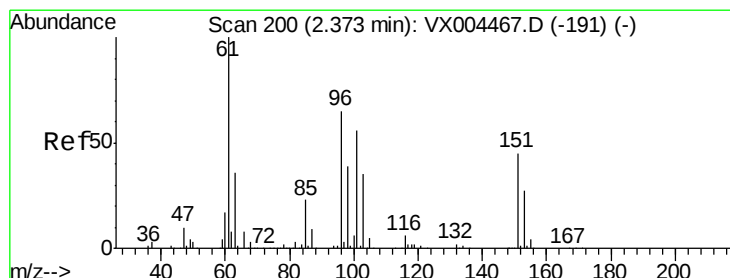
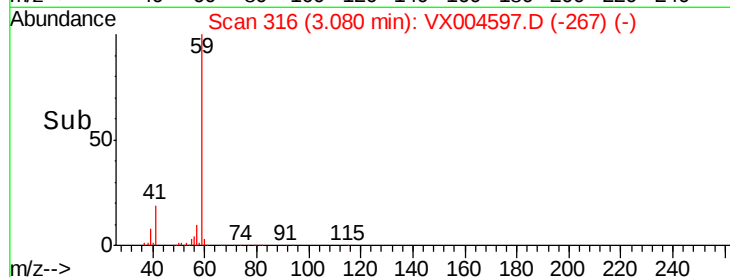
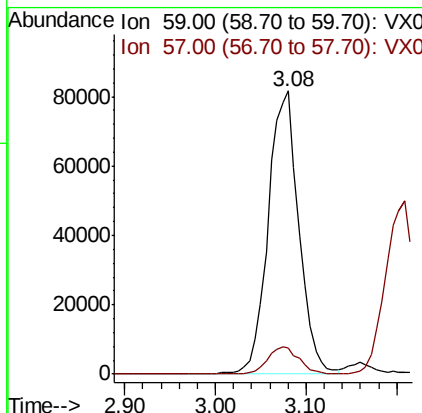
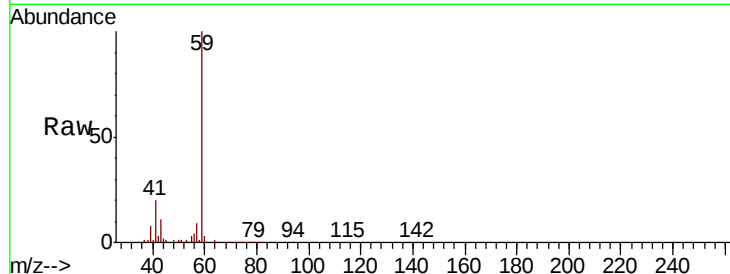
Tert butyl alcohol
Concen: 229.62 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.4

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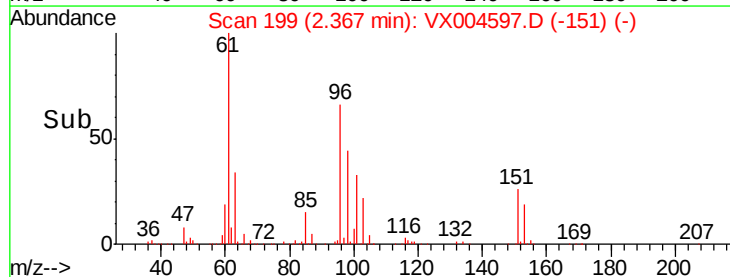
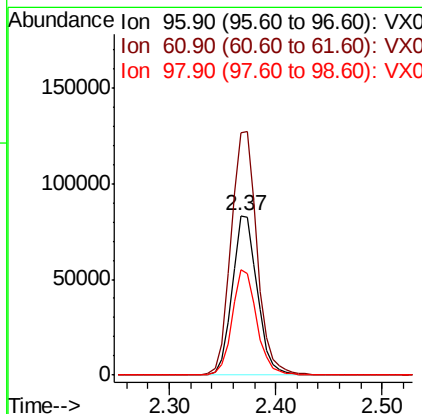
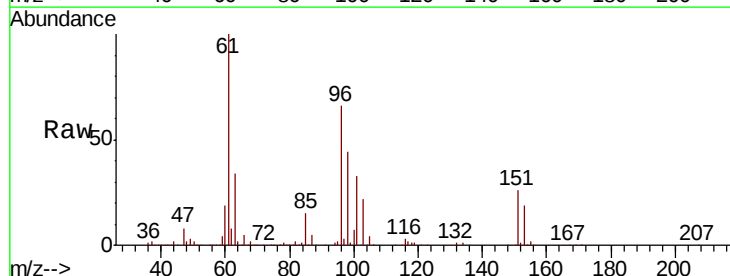
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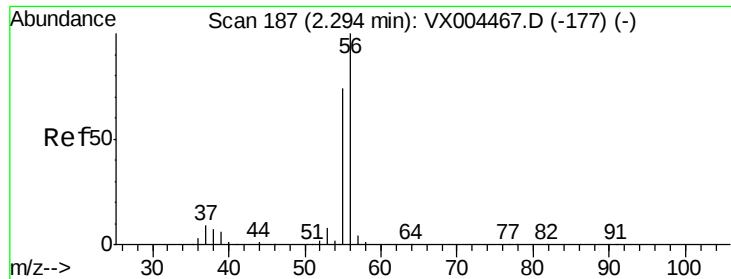


#12

1,1-Dichloroethene
Concen: 48.97 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	128.8	193.2
98	66.1	52.2	78.2





#13

Acrolein

Concen: 288.65 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 94683

Ion Ratio Lower Upper

56 100

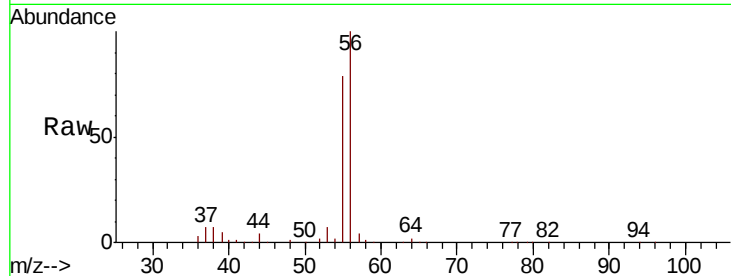
55 71.2 54.7 82.1

Manual Integrations

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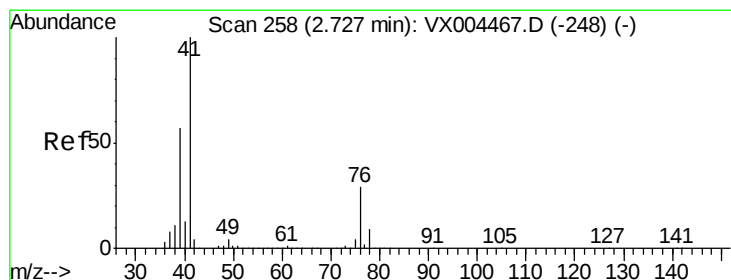
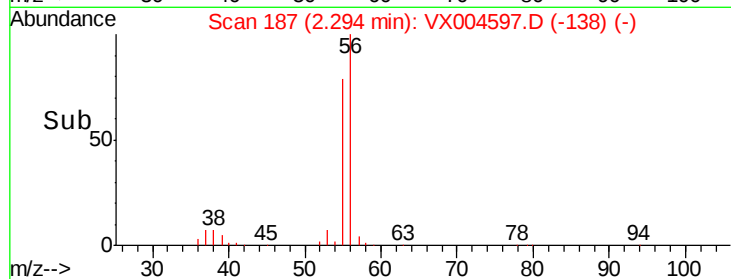
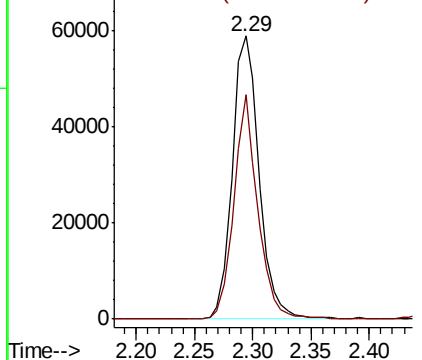
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.55 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

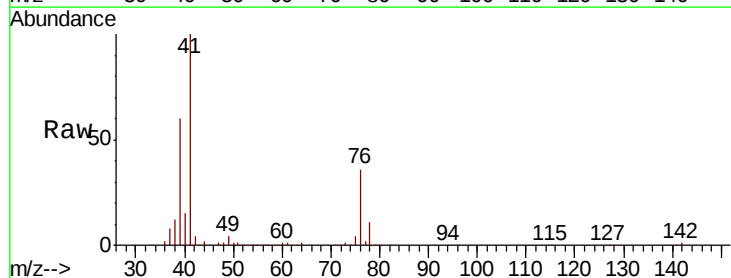
Tgt Ion: 41 Resp: 264242

Ion Ratio Lower Upper

41 100

39 58.7 48.9 73.3

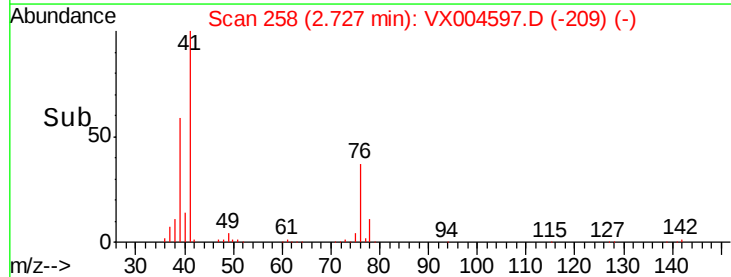
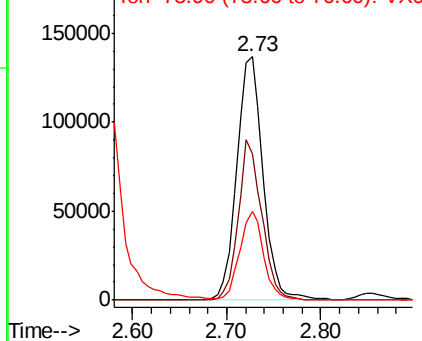
76 33.3 26.7 40.1

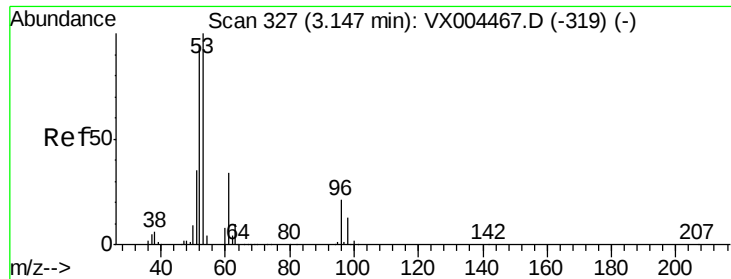


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 236.02 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

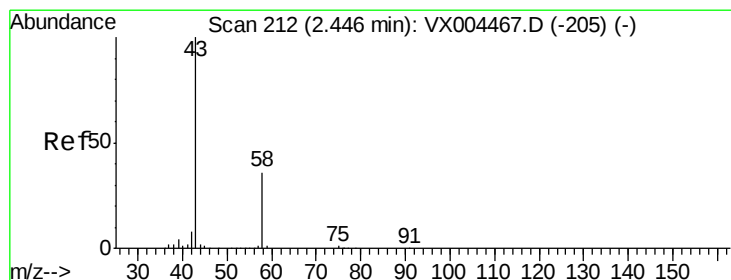
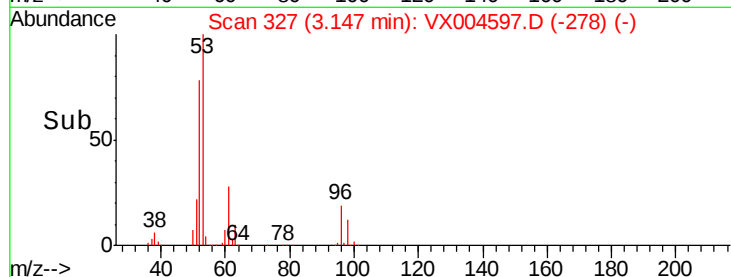
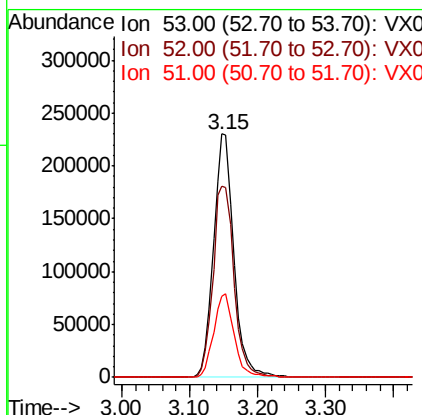
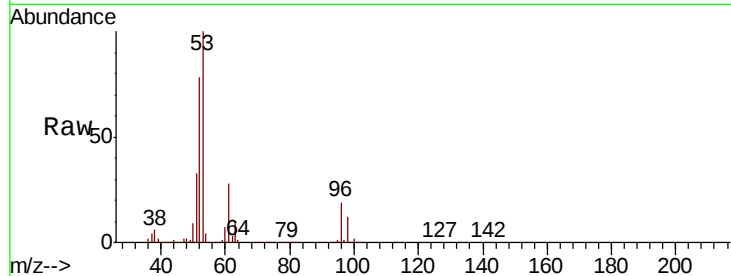
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.2	97.8
51	34.8	28.2	42.2

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#16

Acetone

Concen: 208.41 ug/l

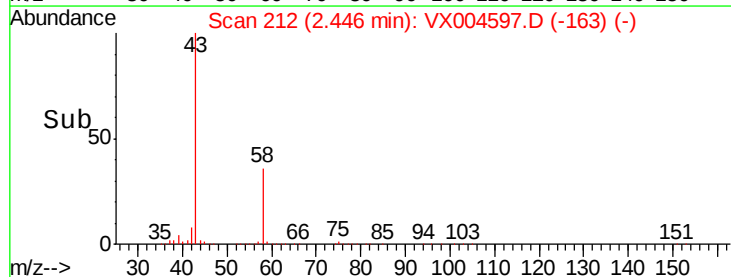
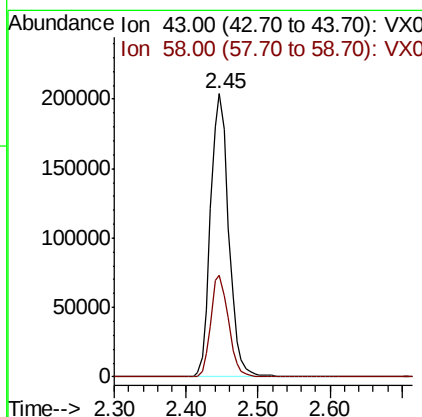
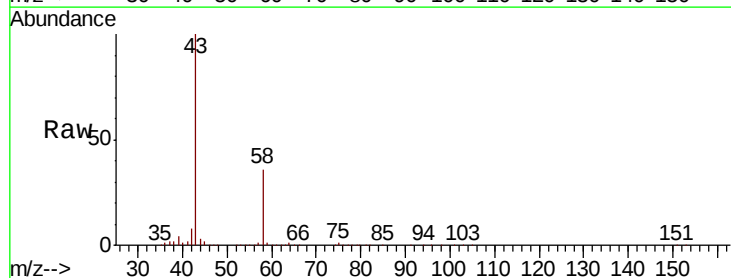
RT: 2.45 min Scan# 212

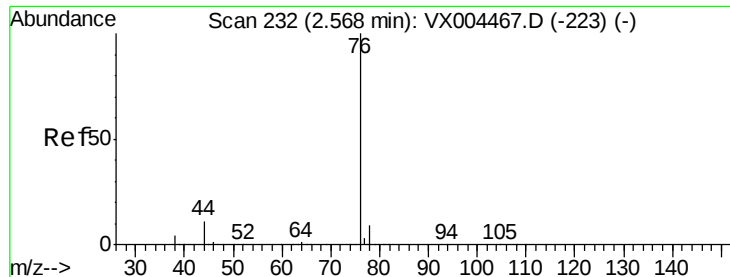
Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.0	26.2	39.4





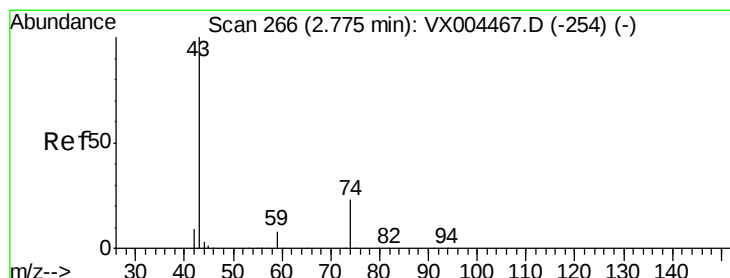
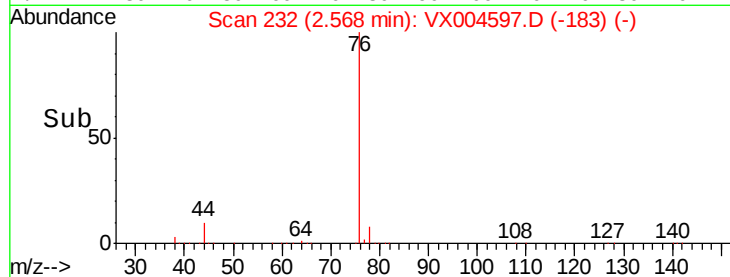
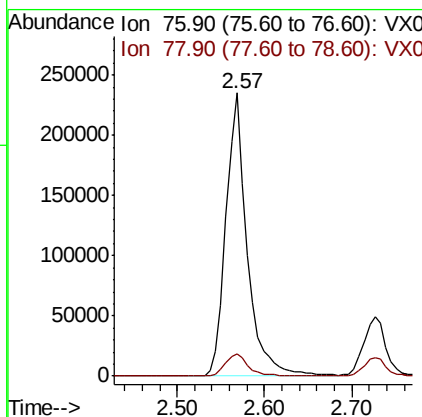
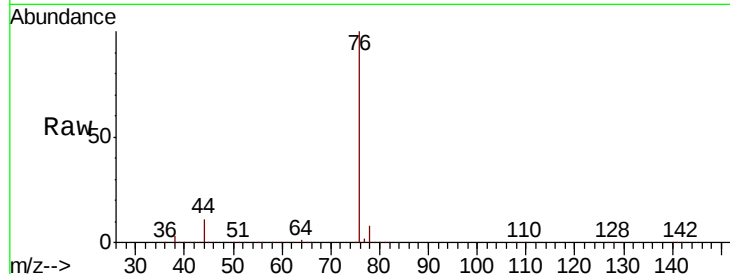
#17
Carbon Disulfide
Concen: 48.58 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.7	7.0	10.6

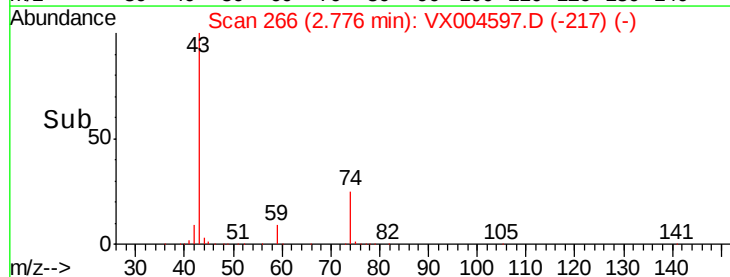
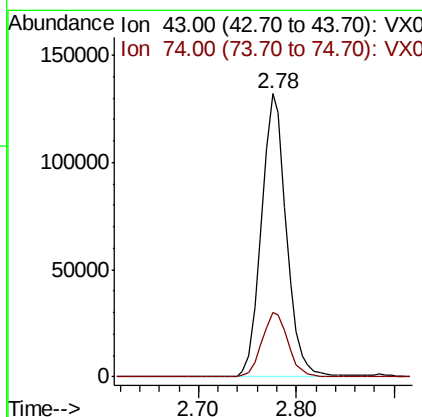
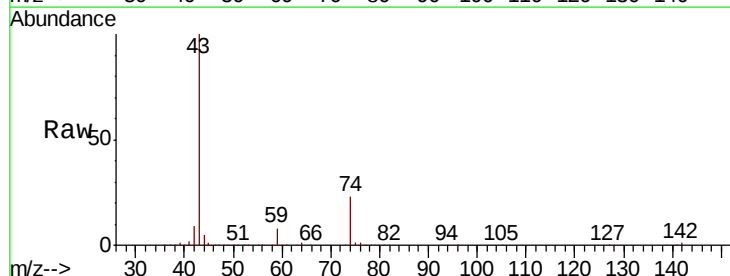
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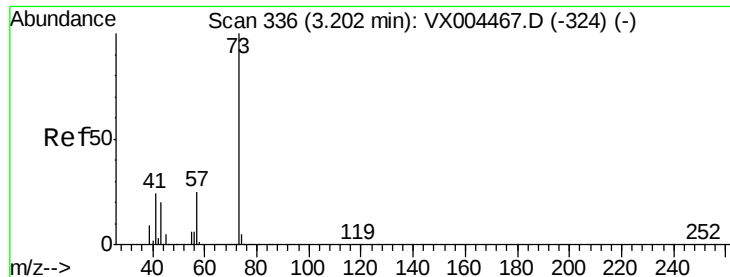
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#18
Methyl Acetate
Concen: 48.63 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.4	29.2





#19

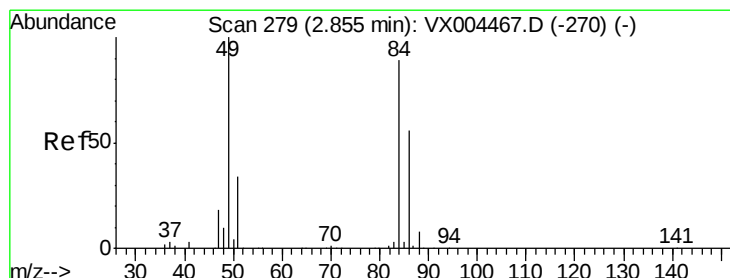
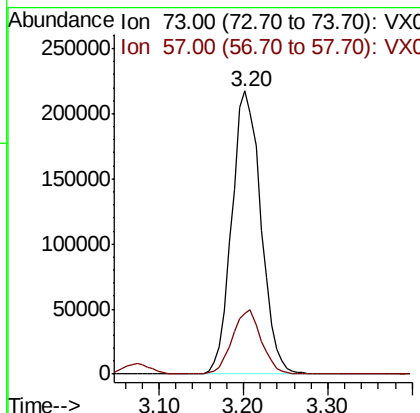
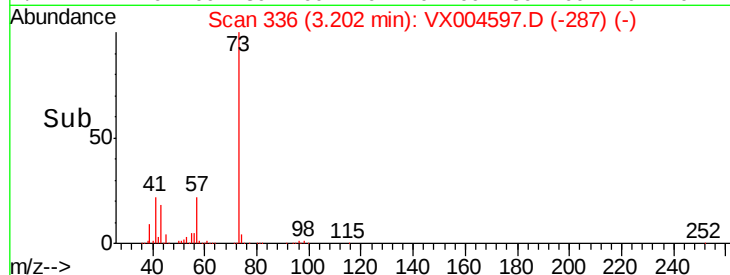
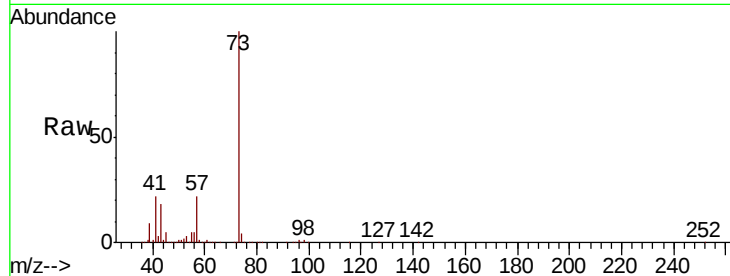
Methyl tert-butyl Ether
 Concen: 51.28 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.1	25.7

Manual Integrations
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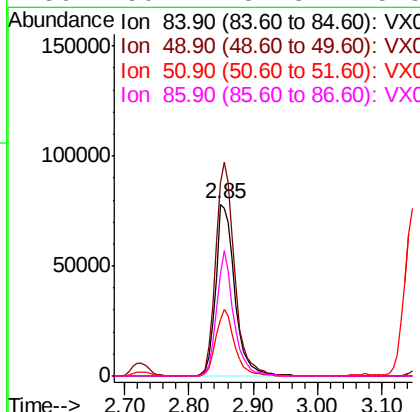
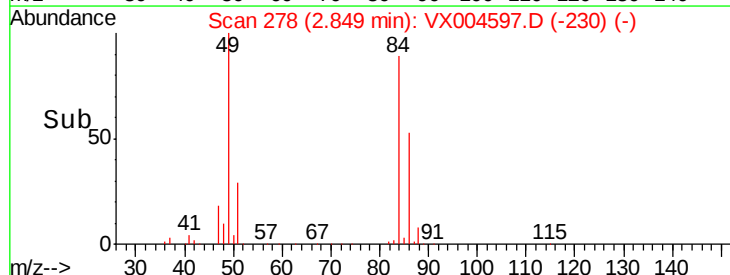
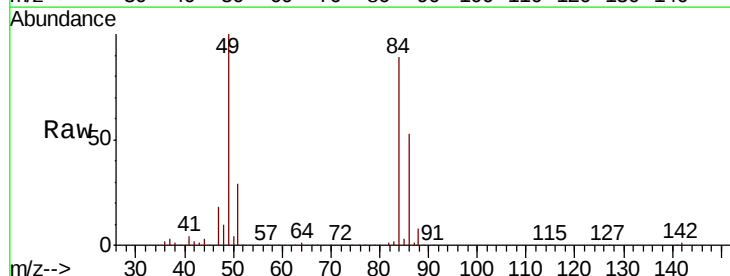
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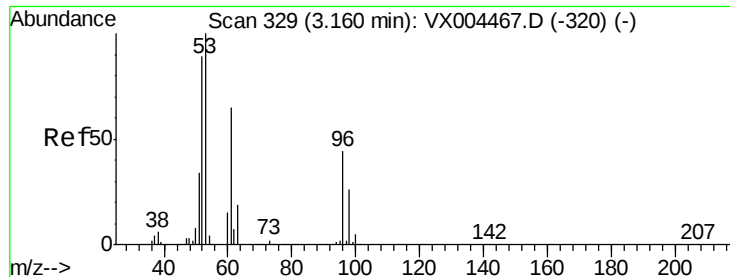


#20

Methylene Chloride
 Concen: 46.77 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.01 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.4	101.2	151.8
51	32.8	29.5	44.3
86	59.7	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 47.75 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

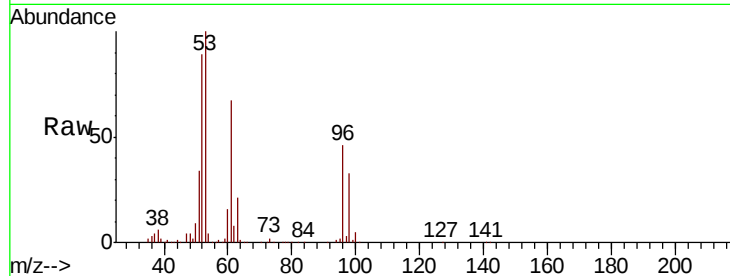
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	148907
Ion	Ratio	Lower	Upper
96	100		
61	145.4	113.8	170.6
98	71.0	51.8	77.8

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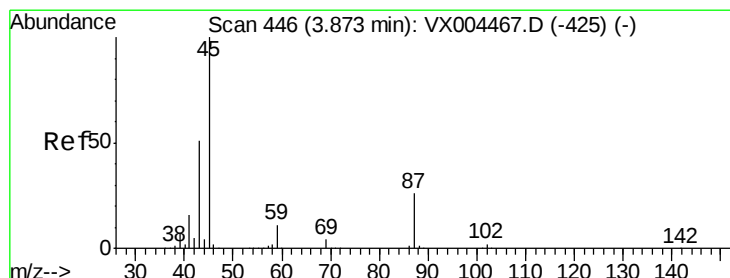
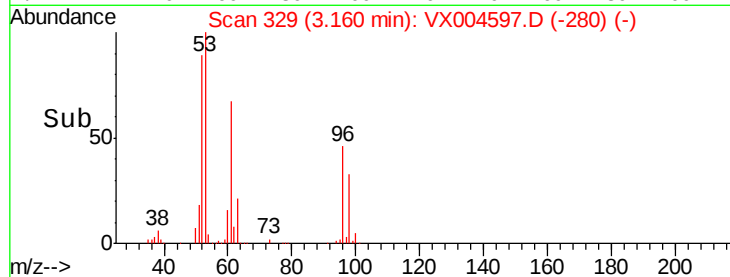
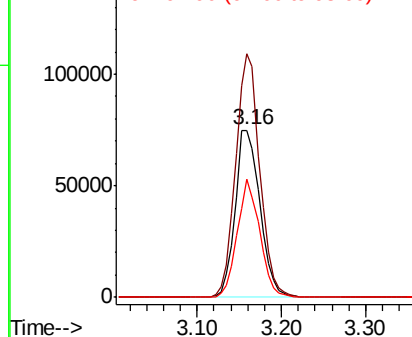


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.85 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Tgt Ion:	45	Resp:	520937
Ion	Ratio	Lower	Upper
45	100		
43	57.9	42.8	64.2
87	24.9	22.6	34.0
59	11.5	9.6	14.4

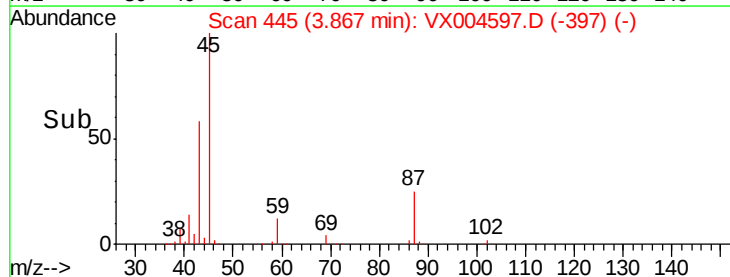
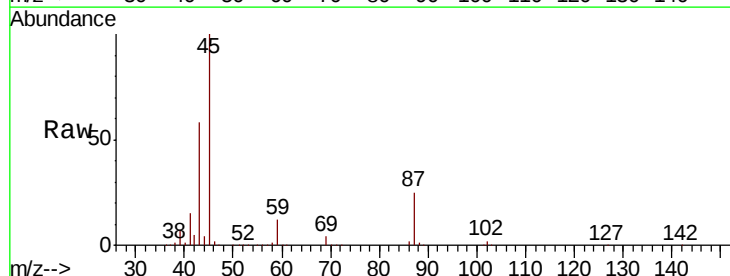
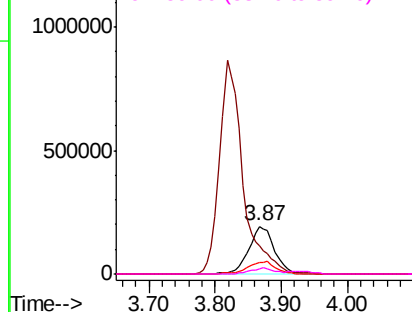
Abundance

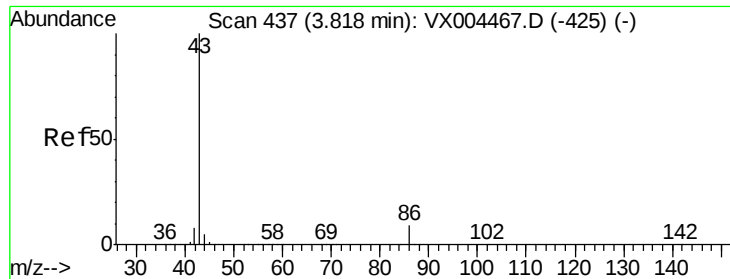
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 252.84 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 2138015

Ion Ratio Lower Upper

43 100

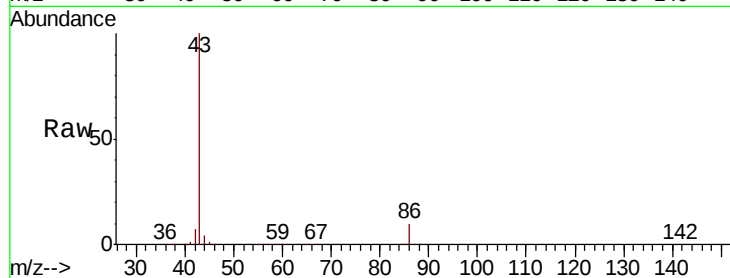
86 10.5 8.9 13.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

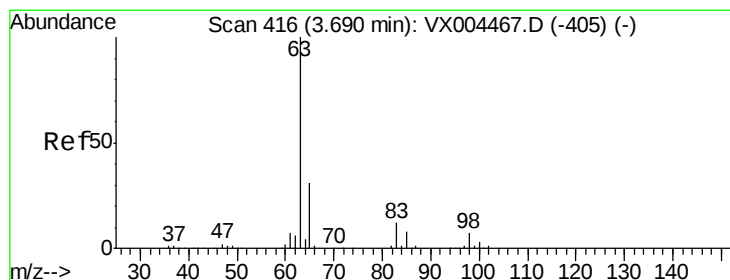
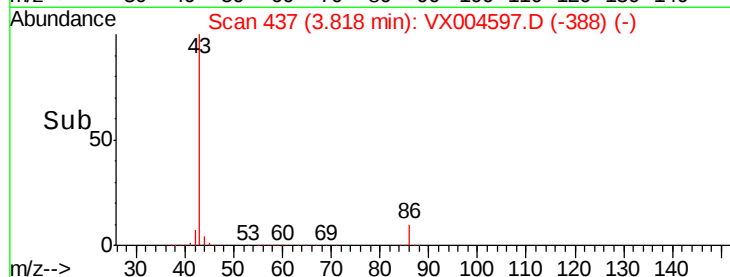
400000

200000

0

3.82

Time-->



#24

1,1-Dichloroethane

Concen: 49.28 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

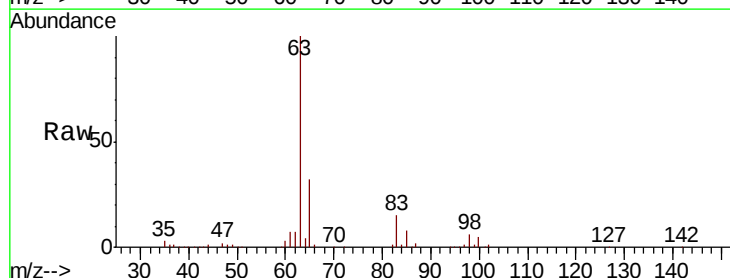
Tgt Ion: 63 Resp: 290740

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

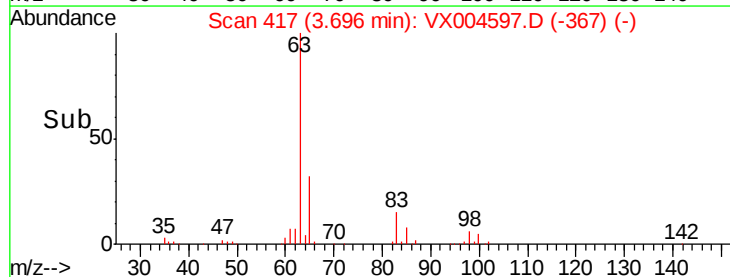
100000

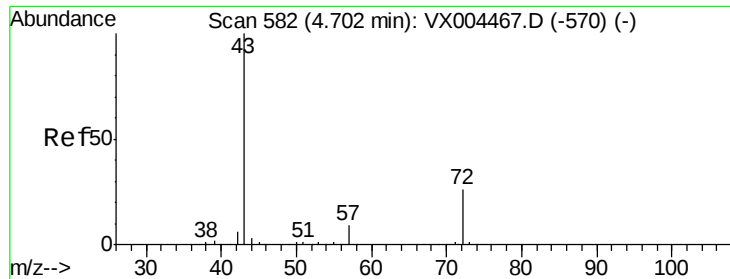
50000

0

3.70

Time-->





#25

2-Butanone

Concen: 228.51 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 618129

Ion Ratio Lower Upper

43 100

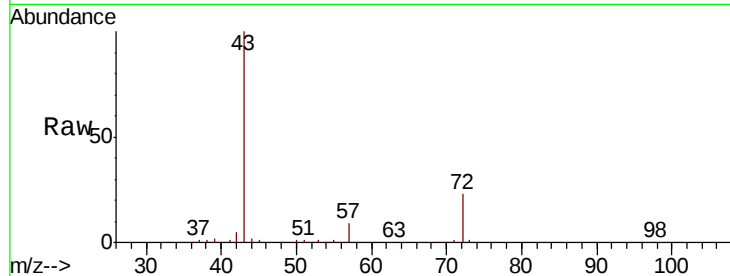
72 23.2 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

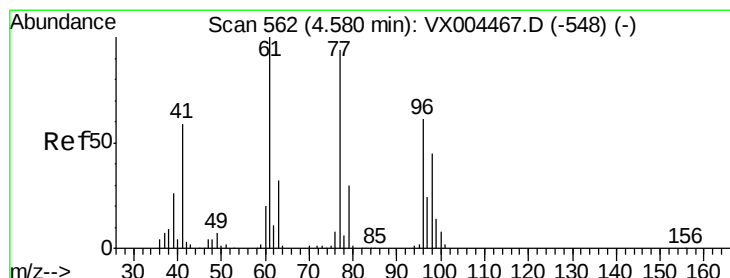
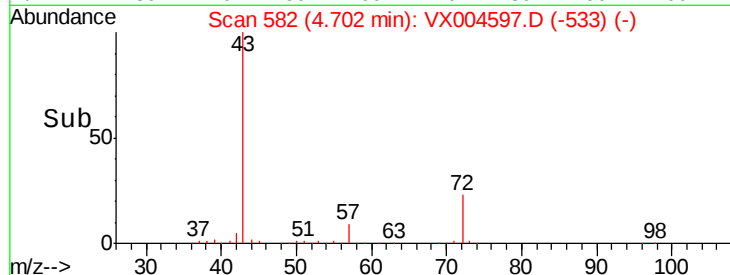
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 42.28 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX004597.D

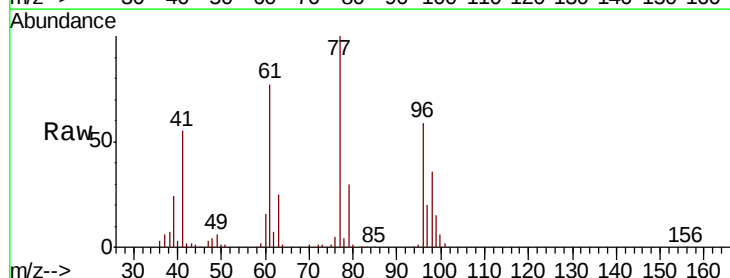
Acq: 15 Sep 2018 20:53

Tgt Ion: 77 Resp: 171319

Ion Ratio Lower Upper

77 100

97 25.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

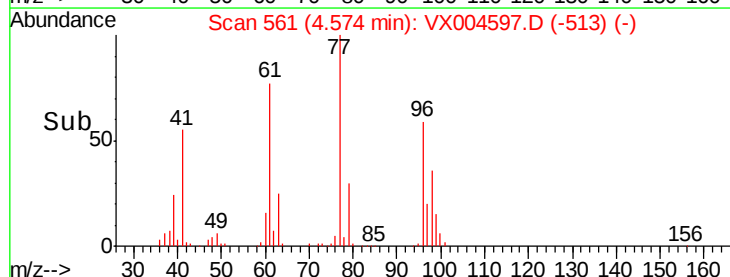
30000

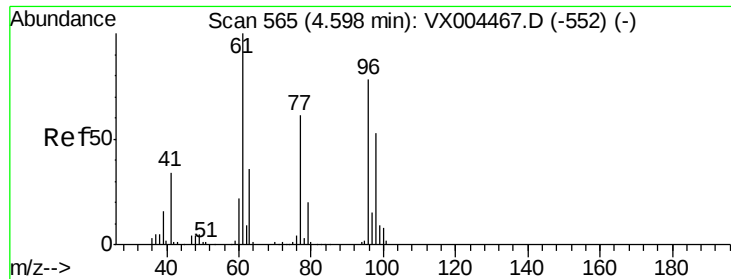
20000

10000

0

Time-->





#27

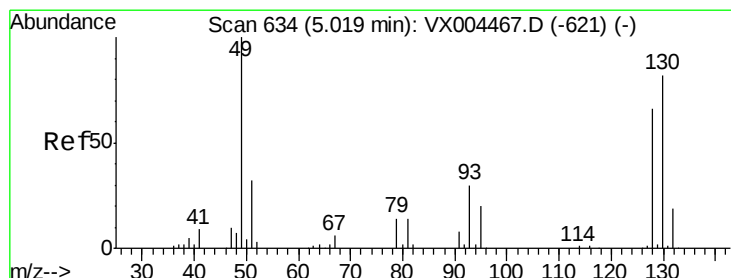
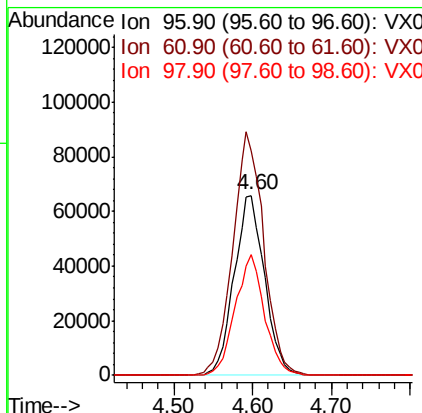
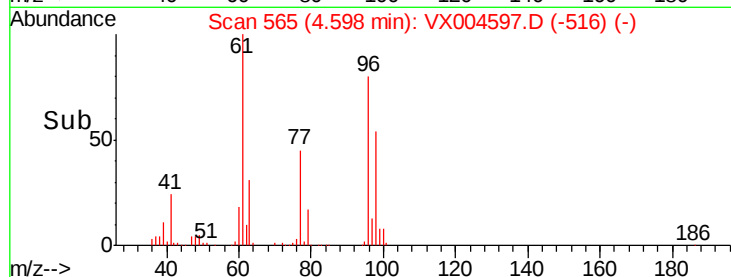
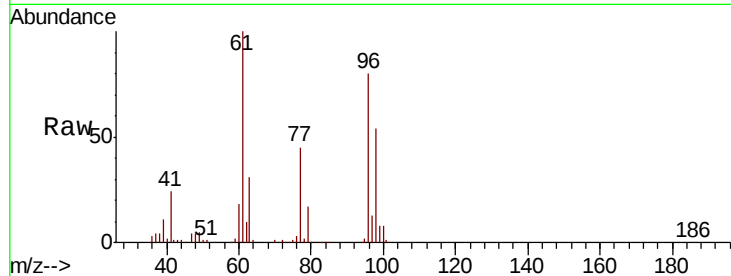
cis-1,2-Dichloroethene
 Concen: 50.80 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	176835		
61	137.2	0.0	282.6	
98	64.3	0.0	130.2	

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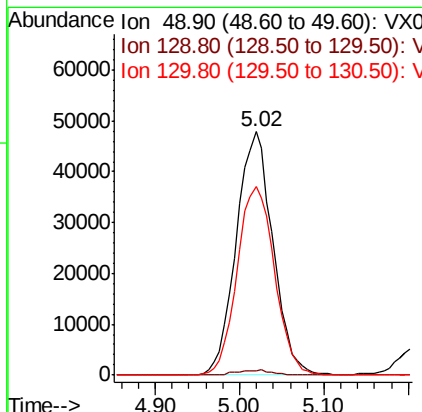
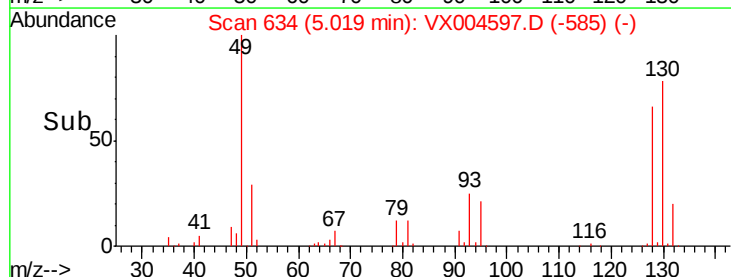
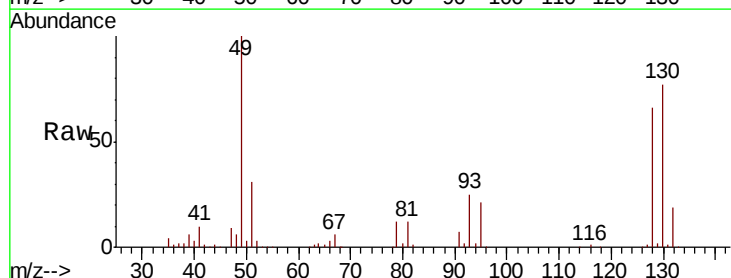
MMDadoda
 9/17/2018 6:27:29 PM

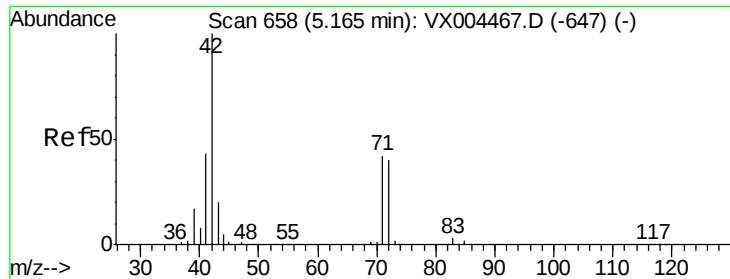


#28

Bromochloromethane
 Concen: 52.14 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	140692		
129	2.1	0.0	4.2	
130	79.4	67.5	101.3	





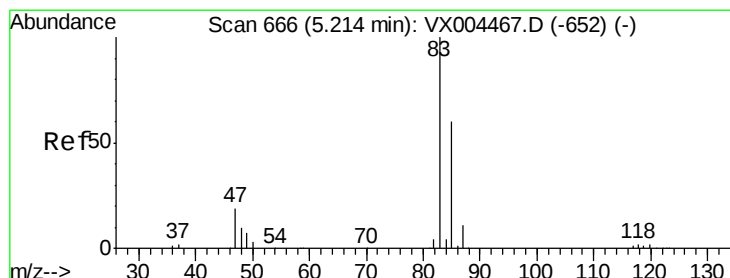
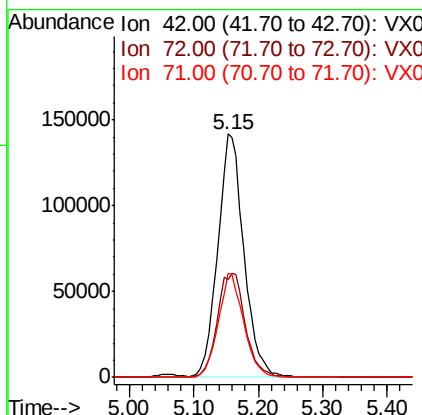
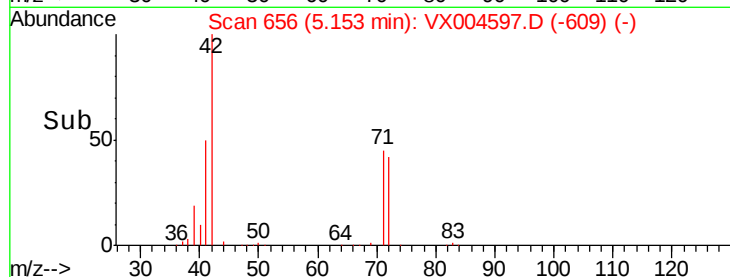
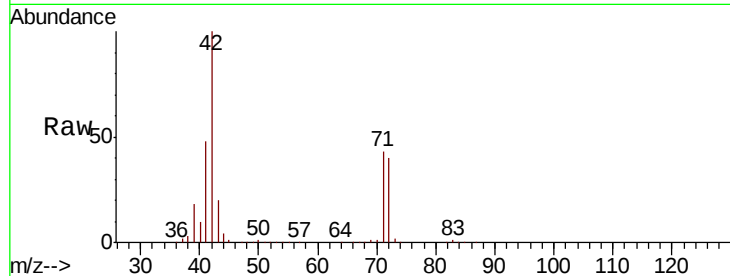
#29
Tetrahydrofuran
Concen: 247.14 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	403163
Ion Ratio		Lower	Upper
42	100		
72	46.1	37.4	56.0
71	41.8	34.5	51.7

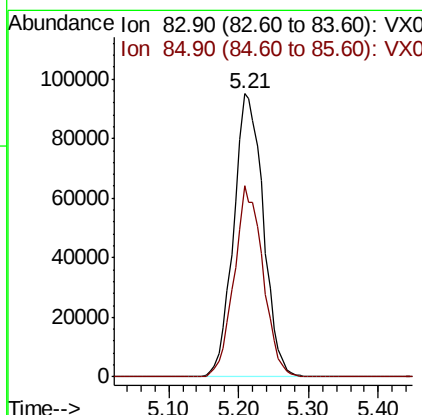
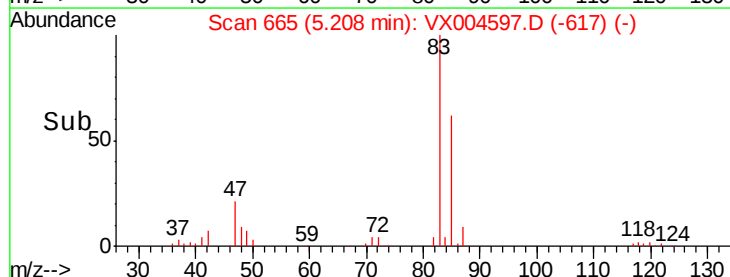
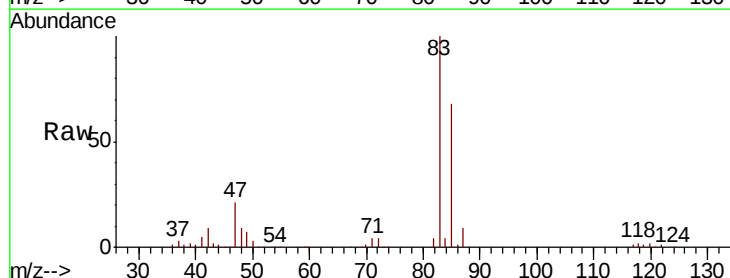
Manual Integrations
APPROVED

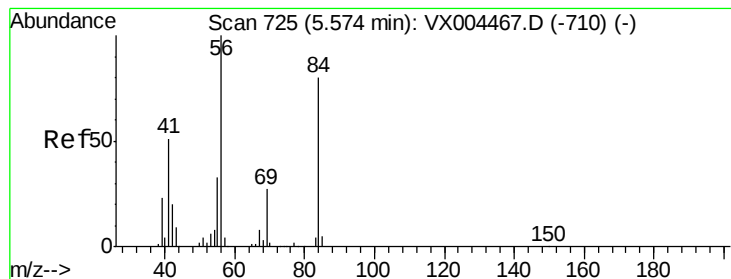
MMDadoda
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#30
Chloroform
Concen: 48.67 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion:	83	Resp:	280299
Ion Ratio		Lower	Upper
83	100		
85	67.7	52.6	79.0





#31

Cyclohexane

Concen: 52.06 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

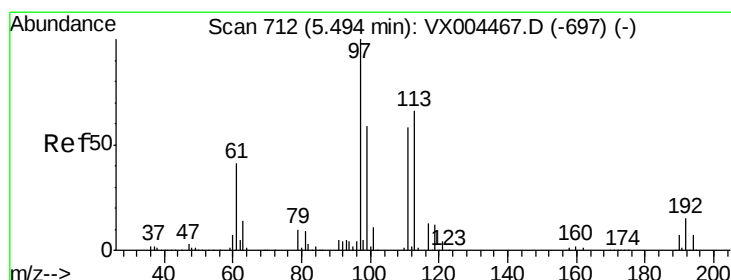
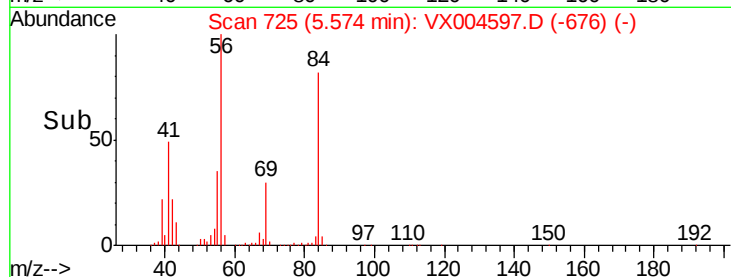
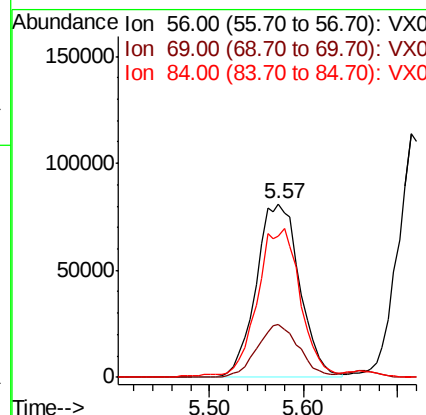
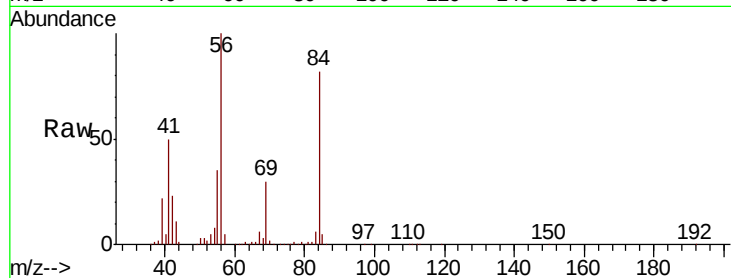
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	262239
Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.4	38.2
84	80.5	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.74 ug/l

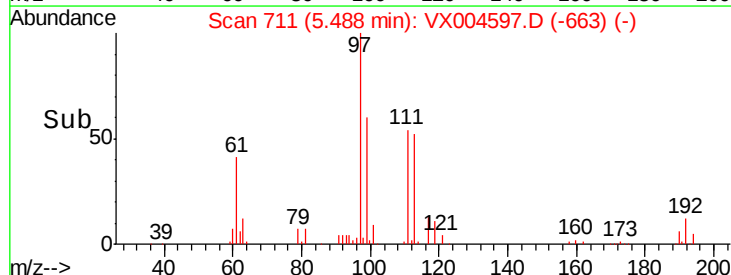
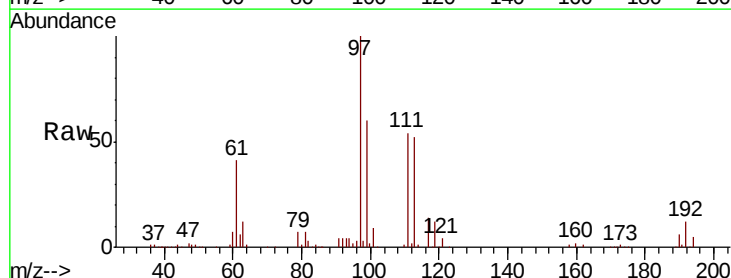
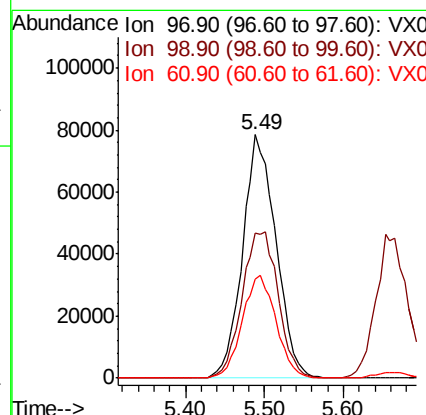
RT: 5.49 min Scan# 711

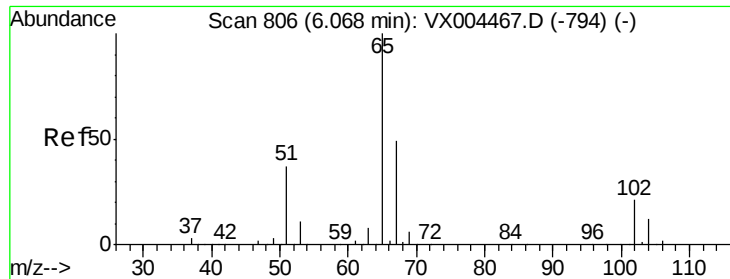
Delta R.T. -0.01 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Tgt Ion:	97	Resp:	230733
Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.0	78.0
61	42.9	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 50.06 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 174337

Ion Ratio Lower Upper

65 100

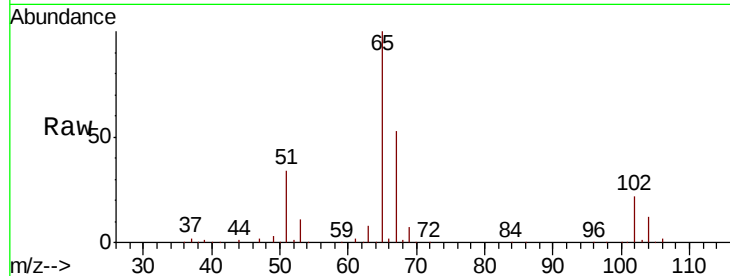
67 53.9 0.0 106.8

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

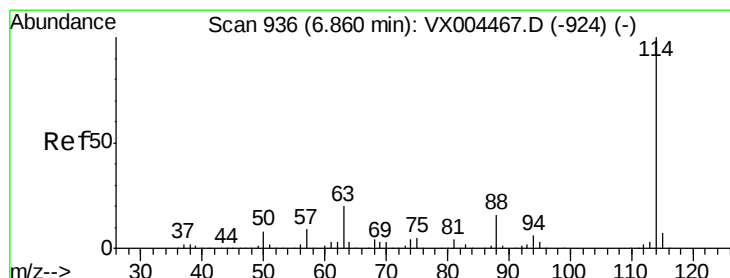
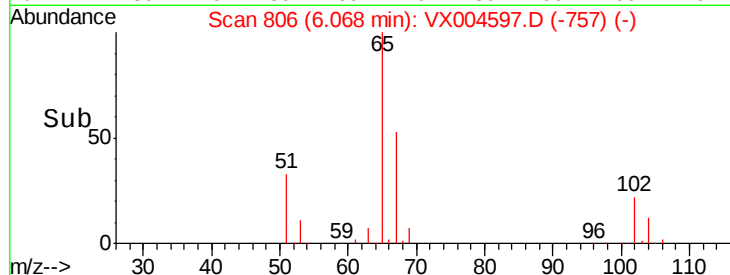
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

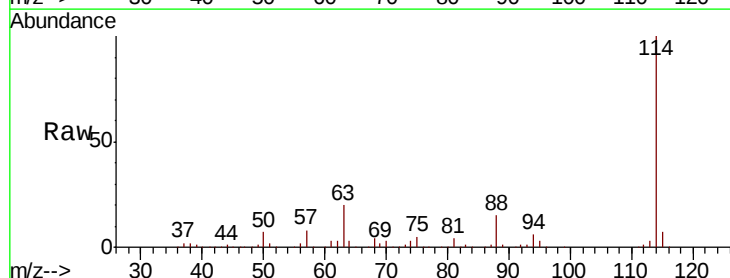
Tgt Ion: 114 Resp: 346470

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

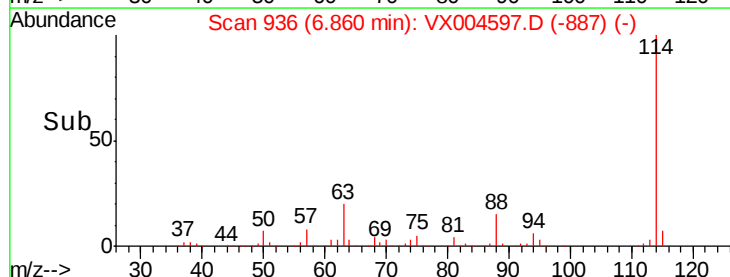
100000

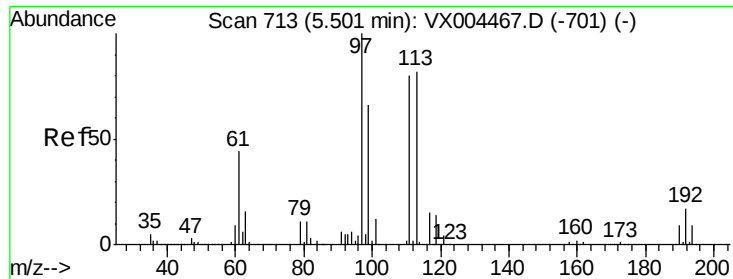
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10





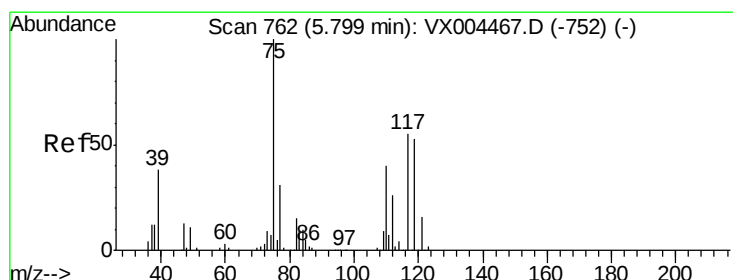
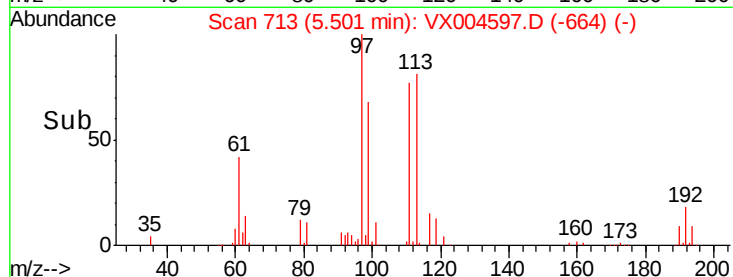
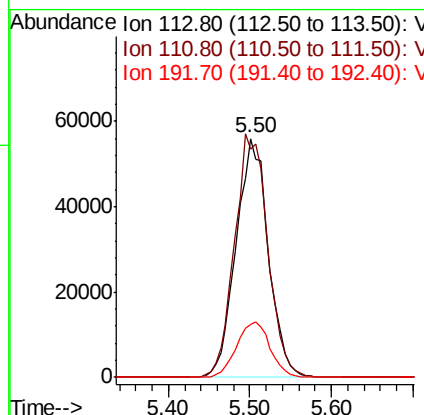
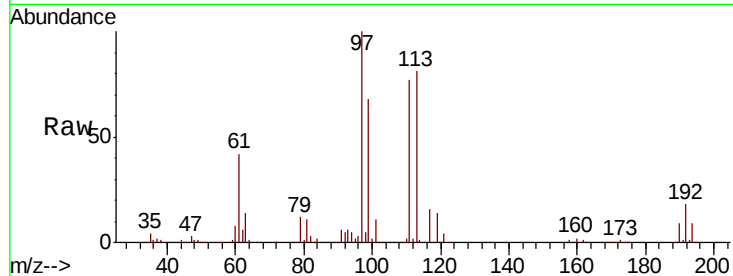
#35
 Dibromofluoromethane
 Concen: 48.19 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	152795		
111	104.8	82.4	123.6	
192	24.1	19.4	29.2	

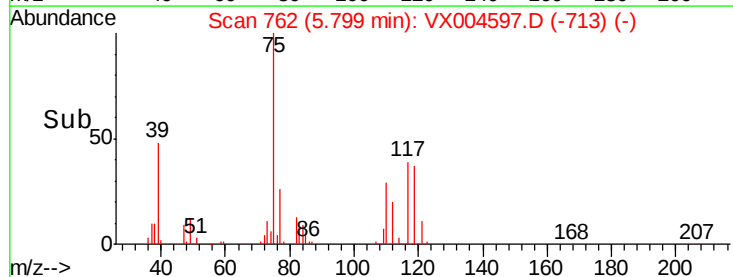
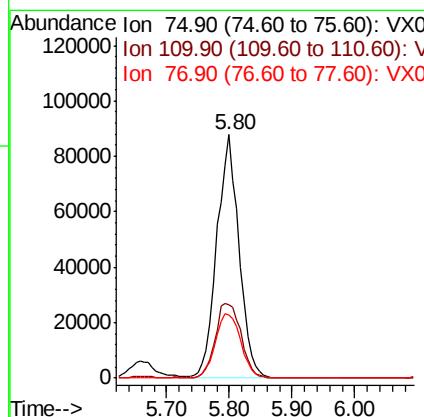
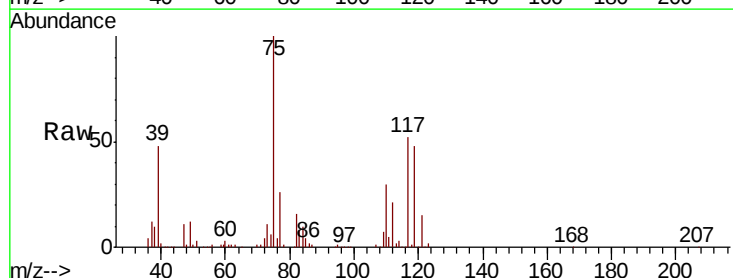
Manual Integrations
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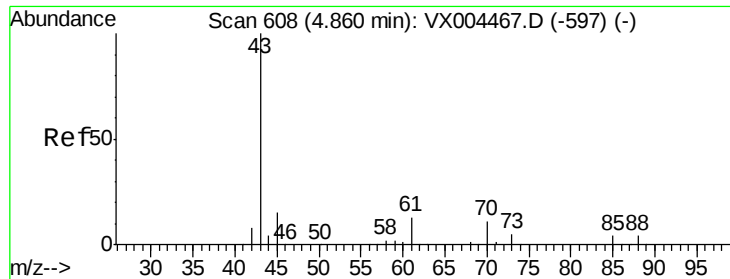
MMDadoda
 9/17/2018 6:27:29 PM



#36
 1,1-Dichloropropene
 Concen: 51.32 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	215882		
110	35.5	18.0	54.0	
77	30.3	24.6	36.8	





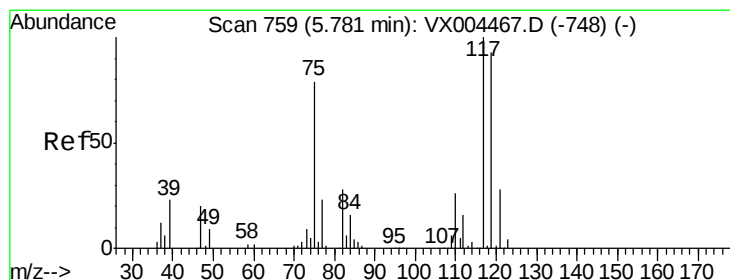
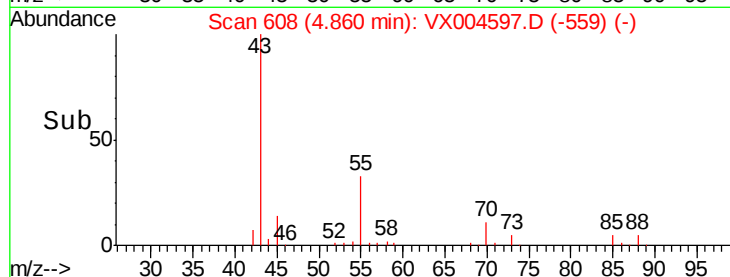
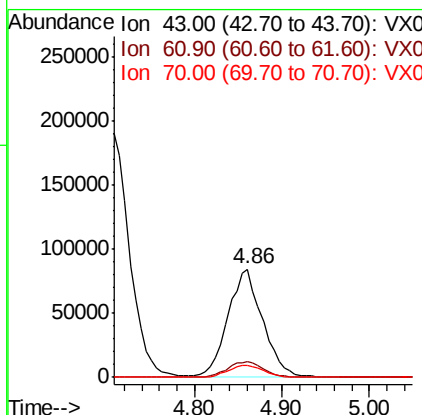
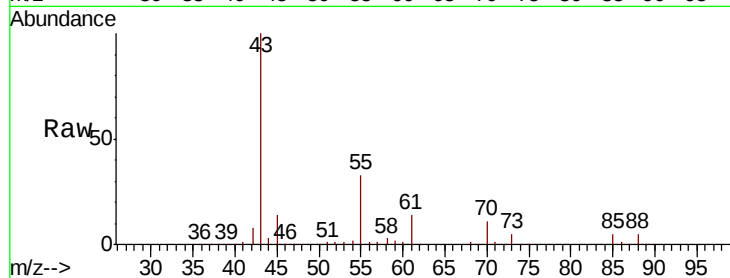
#37
Ethyl Acetate
Concen: 48.23 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	11.4	9.0	13.6

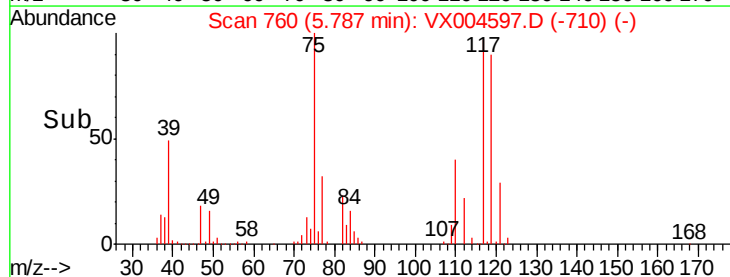
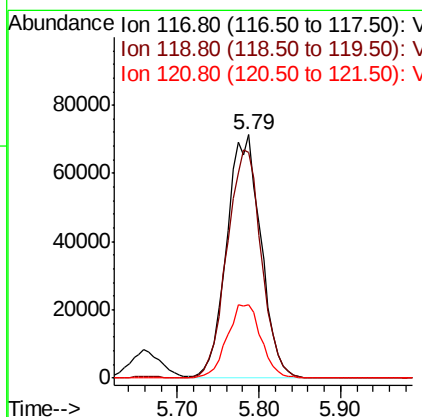
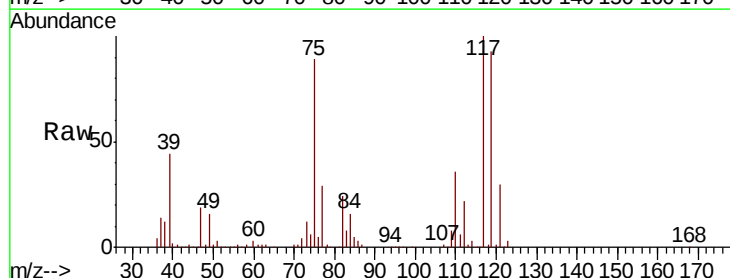
Manual Integrations
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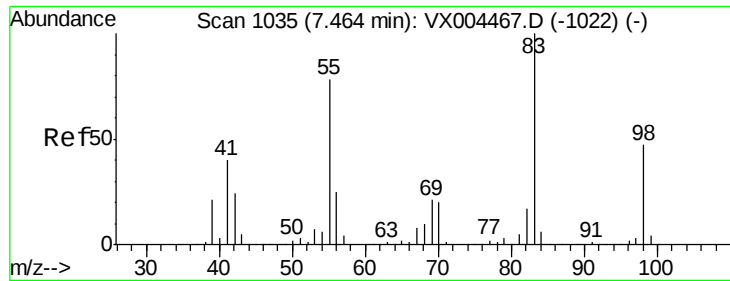
MMDadoda
9/17/2018 6:27:29 PM



#38
Carbon Tetrachloride
Concen: 50.31 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.8	118.2
121	30.0	24.9	37.3





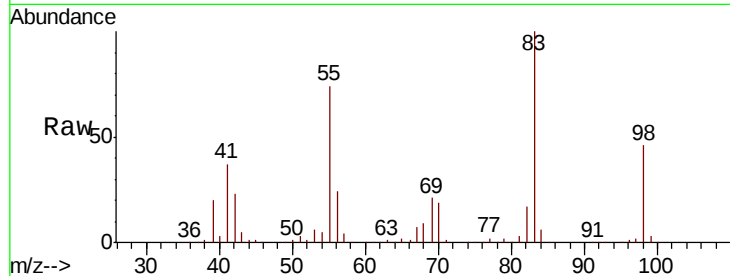
#39
Methvlcvclohexane
Concen: 51.92 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

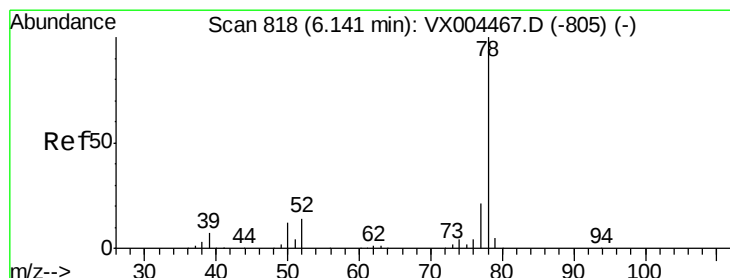
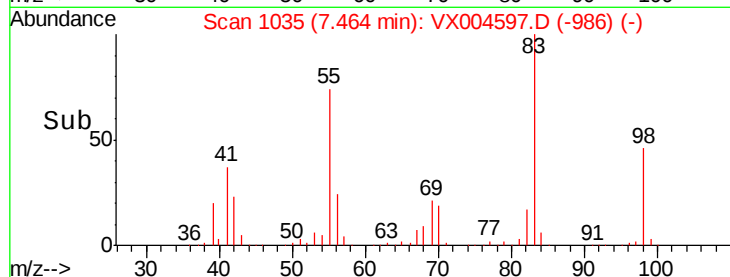
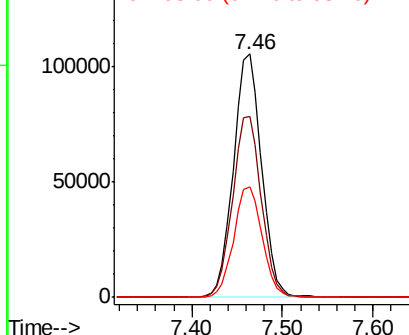
Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	61.0	91.4
98	45.5	39.6	59.4

Manual Integrations
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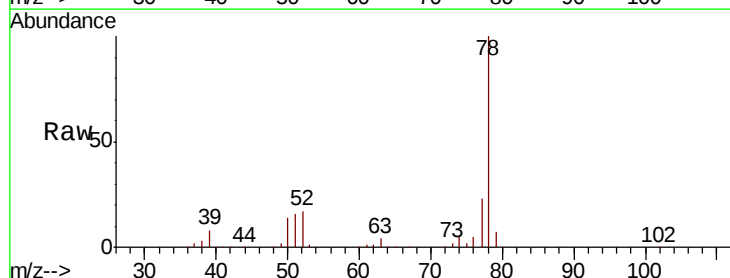


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

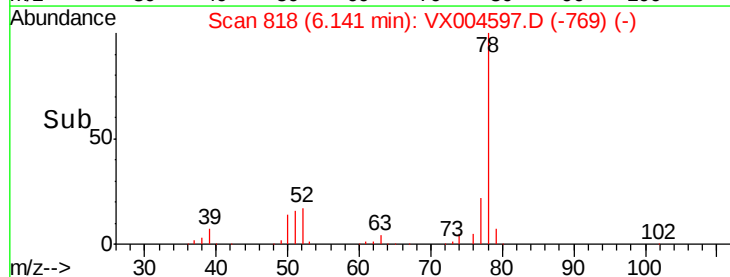
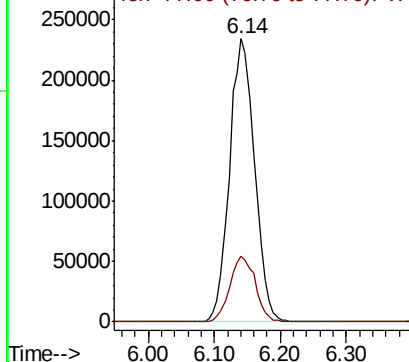


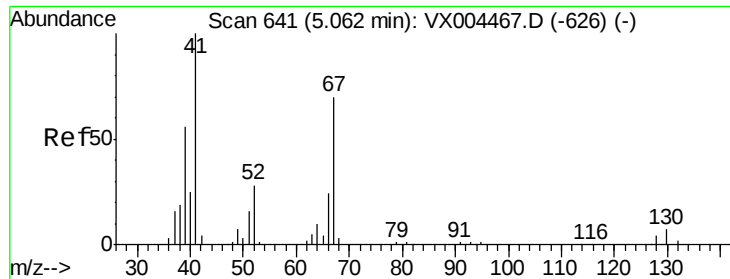
#40
Benzene
Concen: 49.33 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





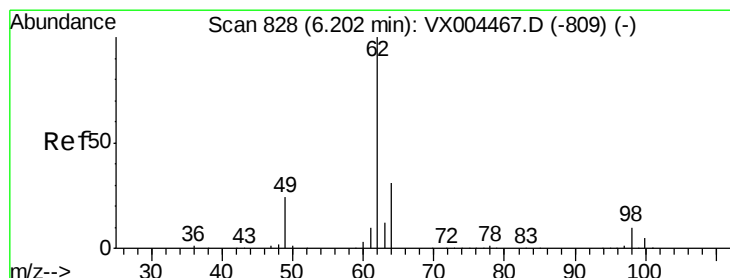
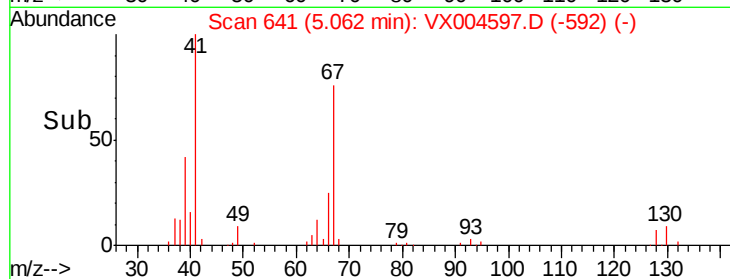
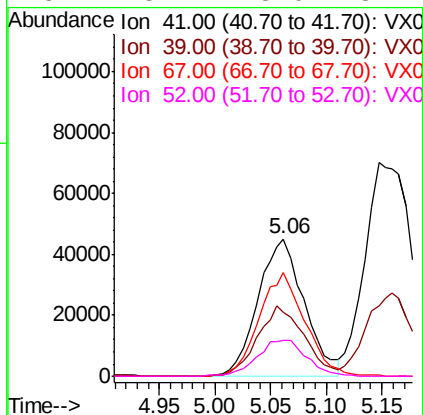
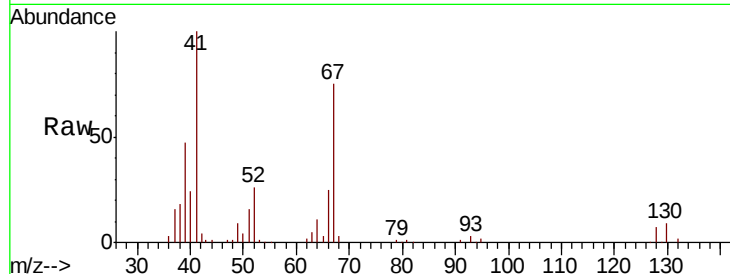
#41
Methacrylonitrile
Concen: 49.45 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.5	42.4	63.6	
67	74.9	59.2	88.8	
52	28.1	23.0	34.4	

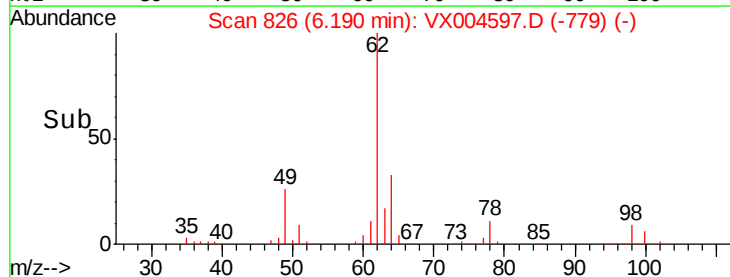
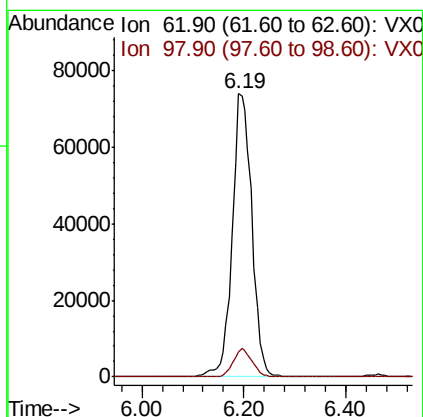
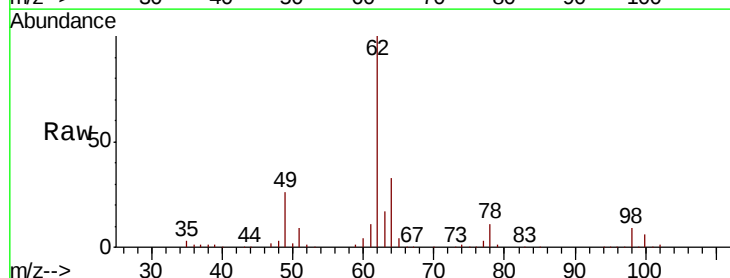
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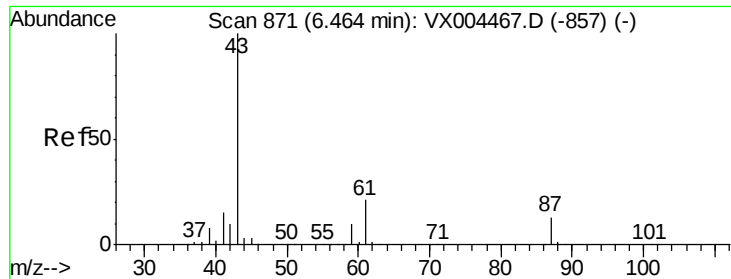
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#42
1,2-Dichloroethane
Concen: 47.63 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	20.6	





#43

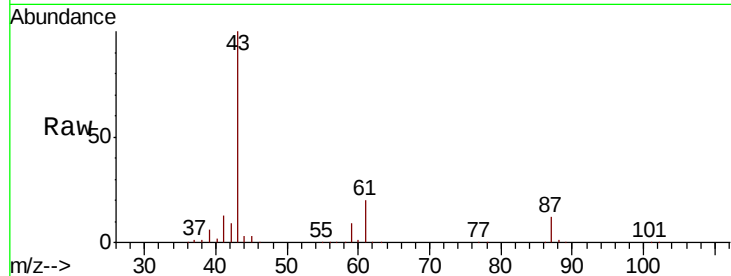
Isopropyl Acetate
 Concen: 51.00 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

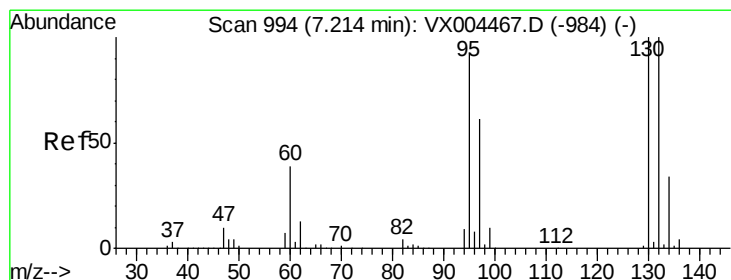
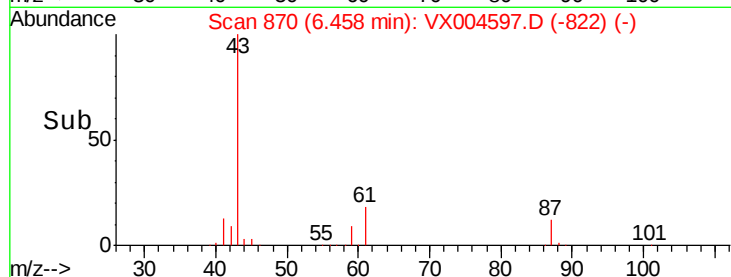
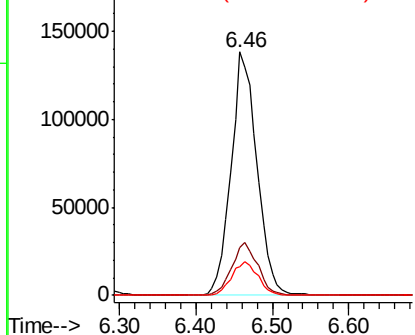
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.0	25.4
87	14.2	11.4	17.2

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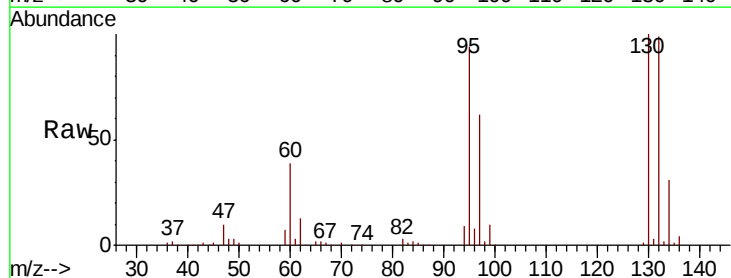
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



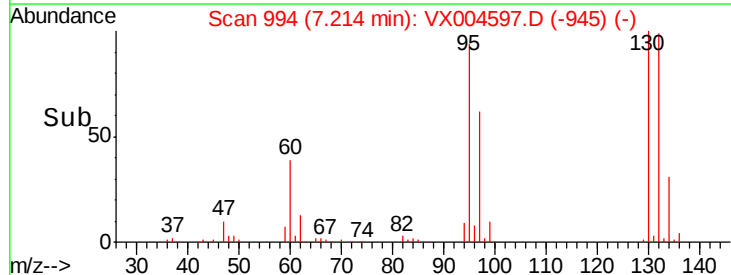
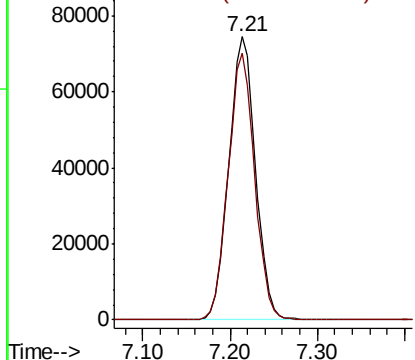
#44

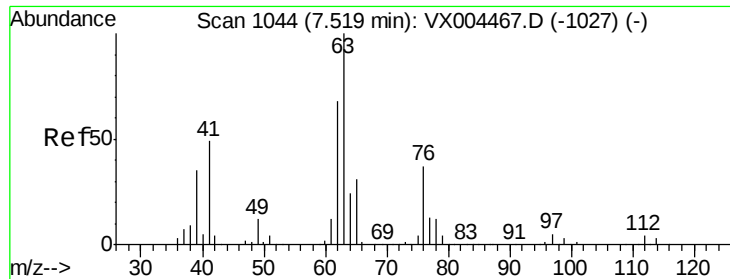
Trichloroethene
 Concen: 48.68 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	181.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.10 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 150453

Ion Ratio Lower Upper

63 100

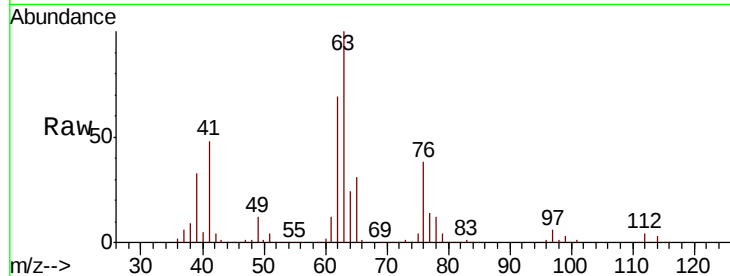
65 30.8 24.3 36.5

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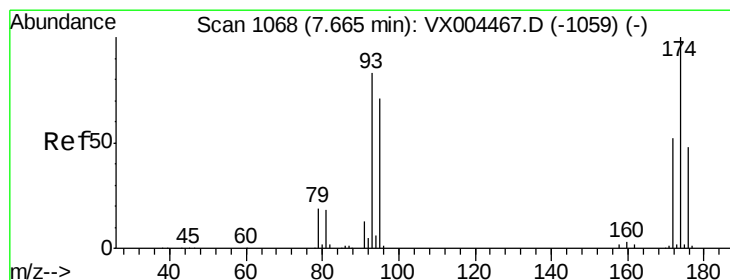
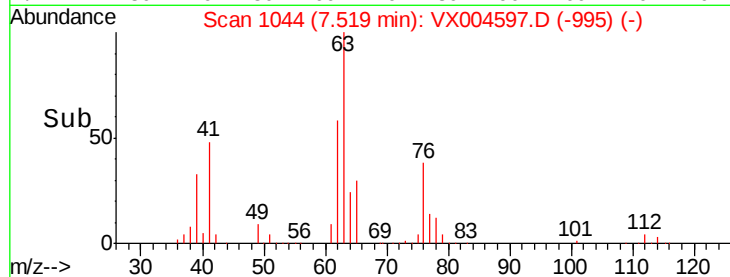
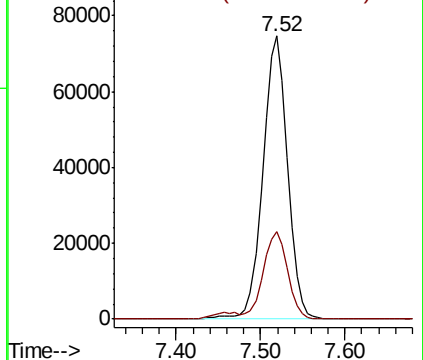
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.63 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

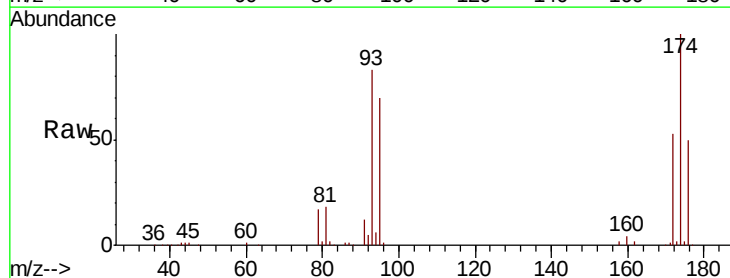
Tgt Ion: 93 Resp: 94155

Ion Ratio Lower Upper

93 100

95 83.7 65.5 98.3

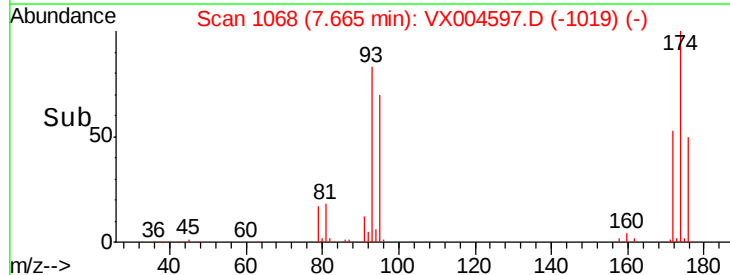
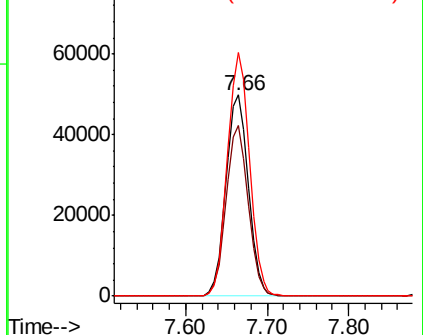
174 119.6 94.2 141.4

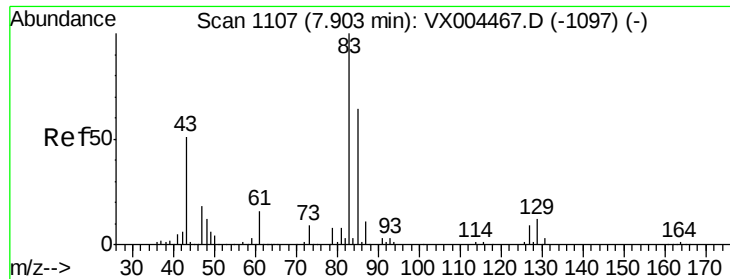


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





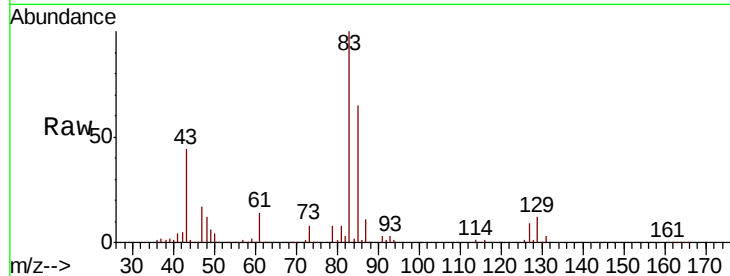
#47
 Bromodichloromethane
 Concen: 50.04 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

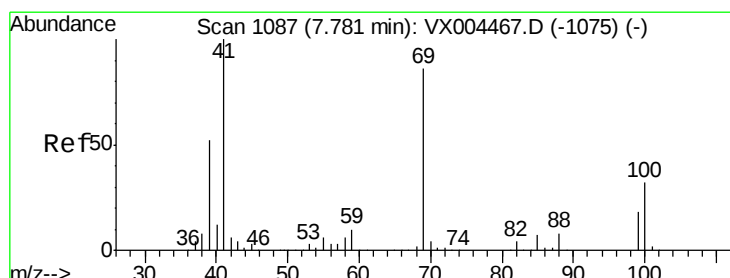
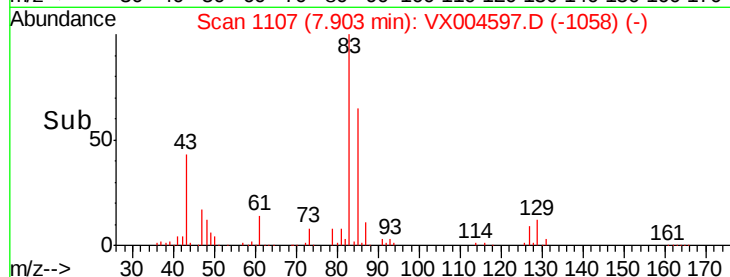
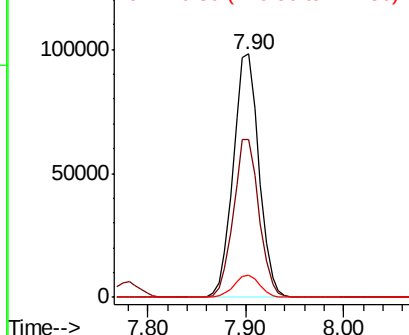
Tot Ion	Ratio	Resp	Lower	Upper
83	100	179551		
85	64.9	50.9	76.3	
127	9.3	7.3	10.9	

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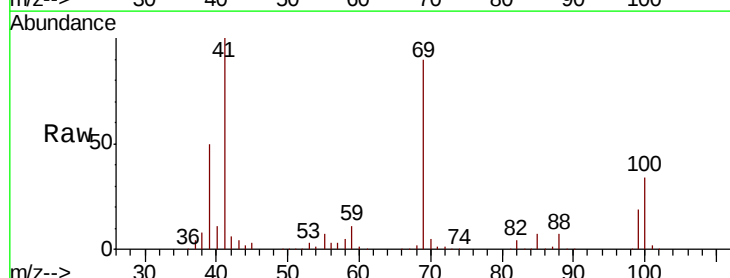


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

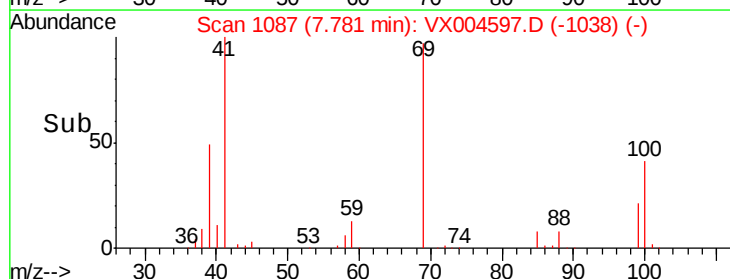
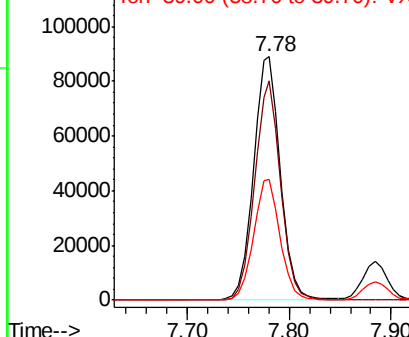


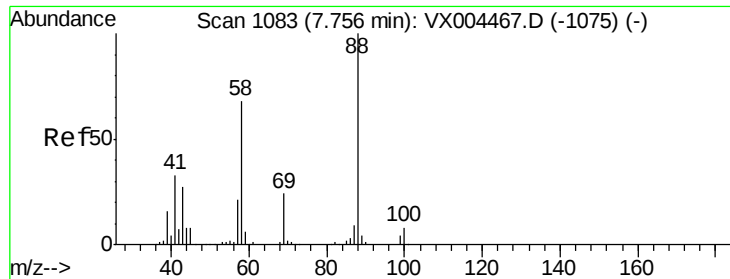
#48
 Methyl methacrylate
 Concen: 51.71 ug/l
 RT: 7.78 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	162610		
69	87.8	70.2	105.4	
39	49.3	42.7	64.1	



Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 69.00 (68.70 to 69.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 999.52 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX004597.D

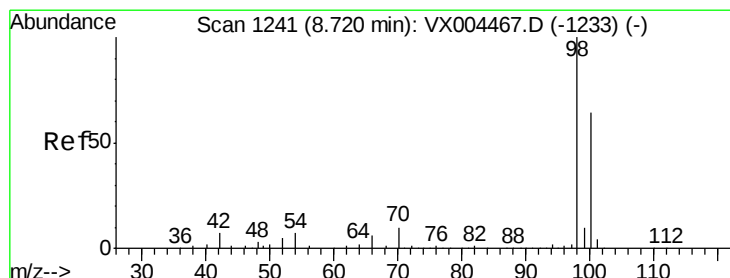
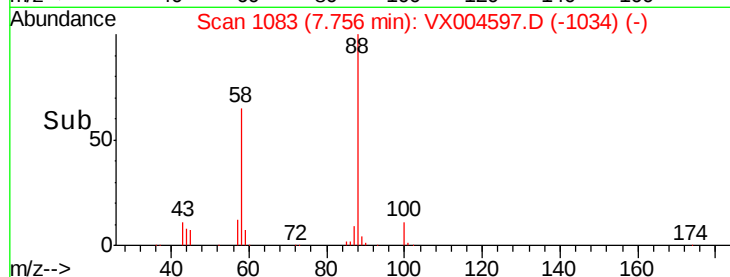
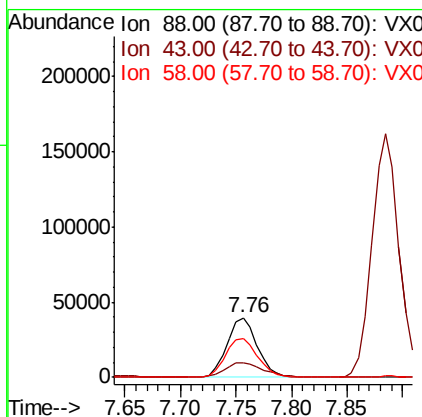
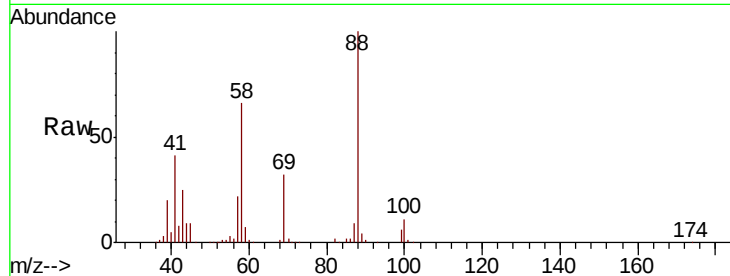
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	88	Resp:	74392
Ion	Ratio	Lower	Upper
88	100		
43	30.1	24.7	37.1
58	70.1	55.3	82.9

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#50

Toluene-d8

Concen: 48.81 ug/l

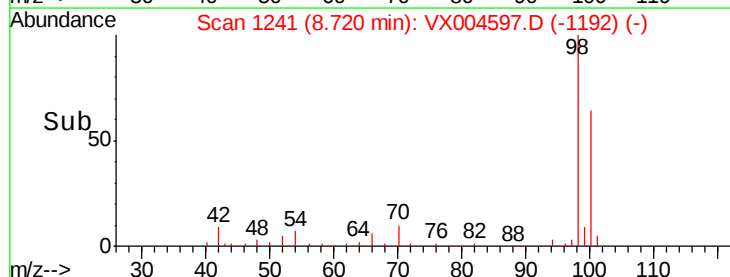
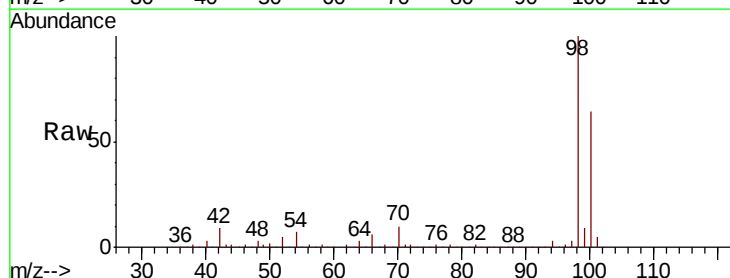
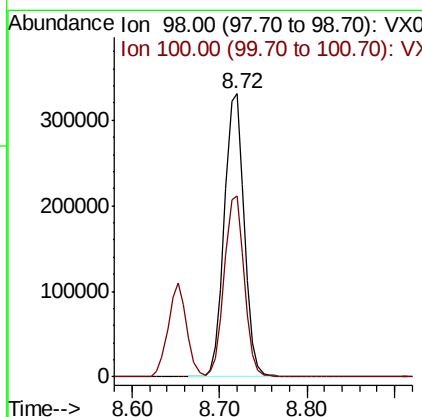
RT: 8.72 min Scan# 1241

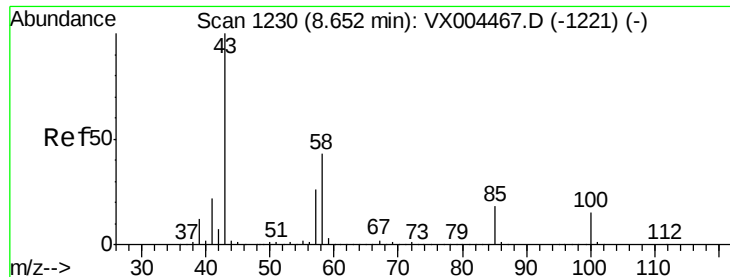
Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Tgt Ion:	98	Resp:	518989
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 231.10 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1036283

Ion Ratio Lower Upper

43 100

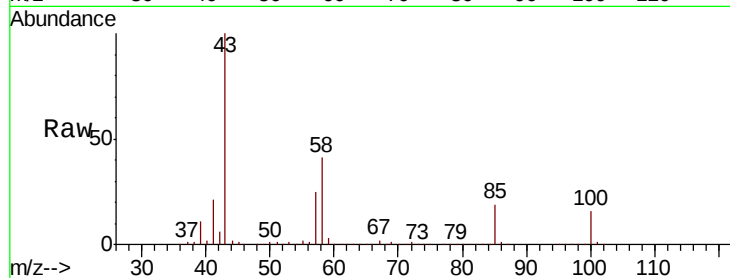
58 40.8 33.1 49.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

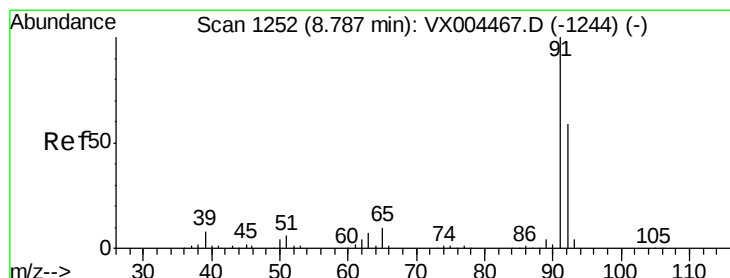
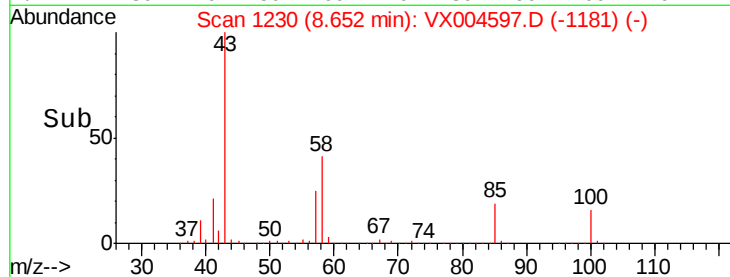
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.28 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004597.D

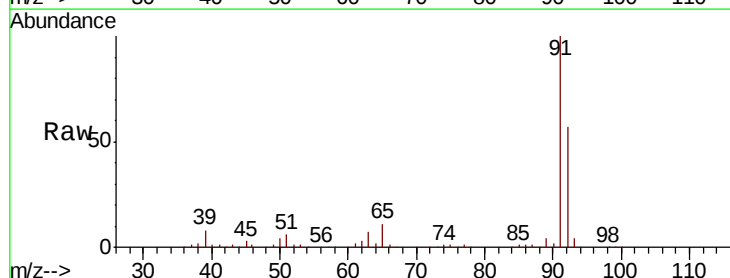
Acq: 15 Sep 2018 20:53

Tgt Ion: 92 Resp: 362343

Ion Ratio Lower Upper

92 100

91 173.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

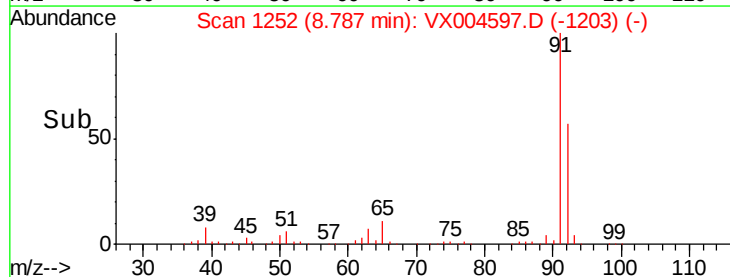
300000

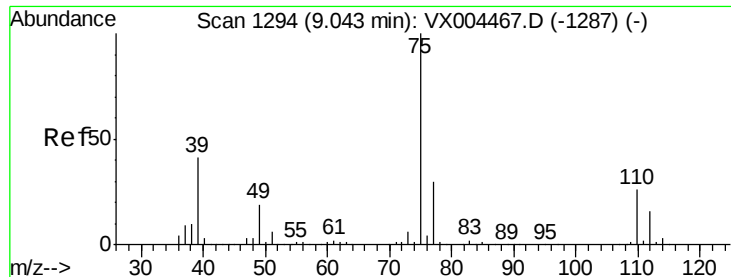
200000

100000

0

Time-->





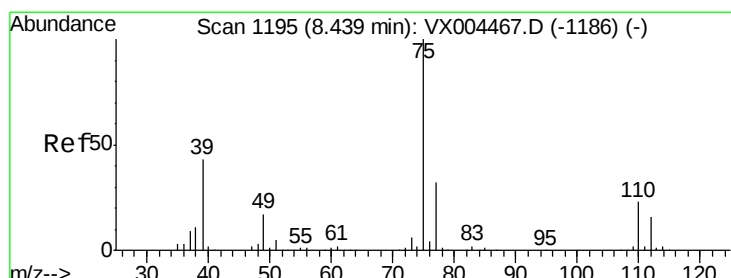
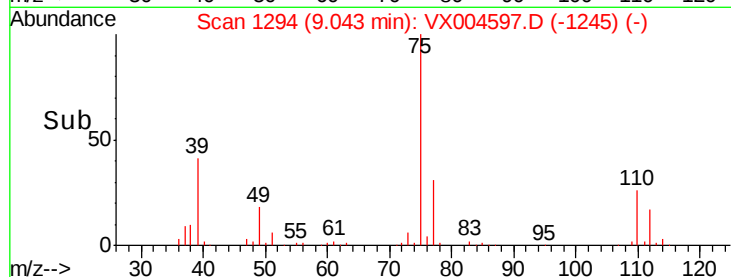
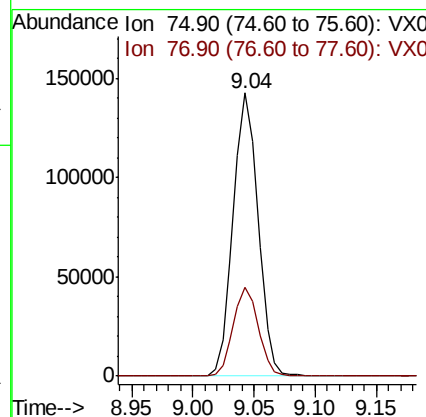
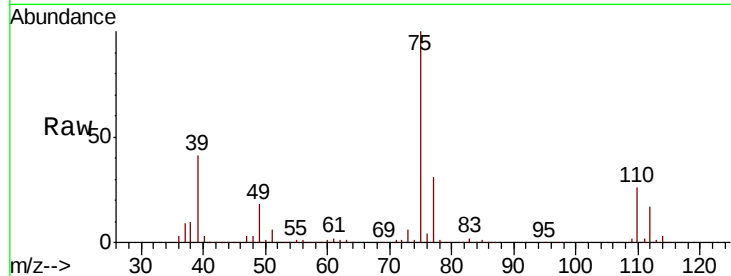
#53
t-1,3-Dichloropropene
Concen: 48.04 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 201342
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0

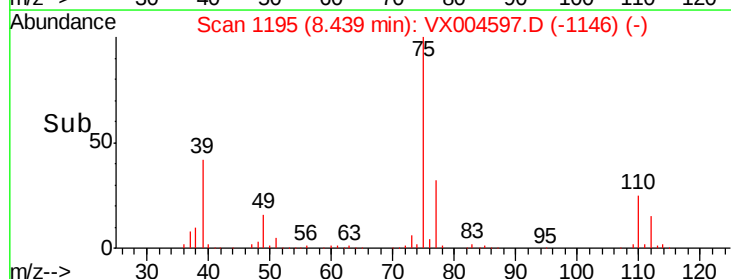
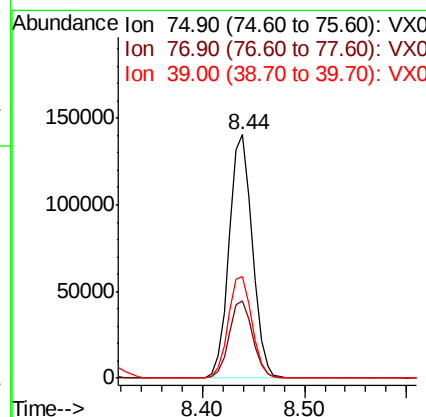
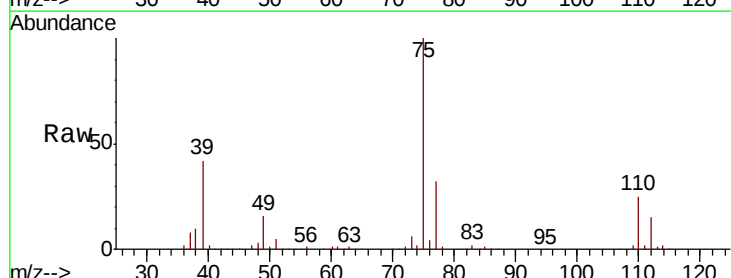
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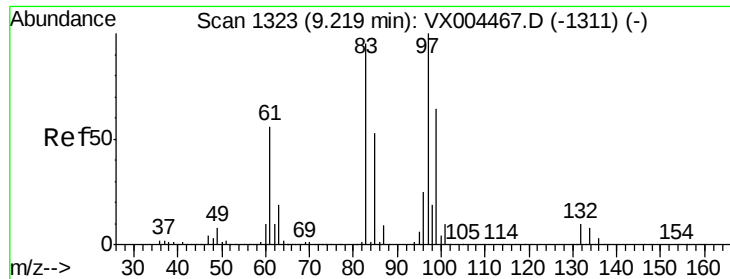
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#54
cis-1,3-Dichloropropene
Concen: 51.79 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion: 75 Resp: 221268
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.2
39 41.6 36.4 54.6





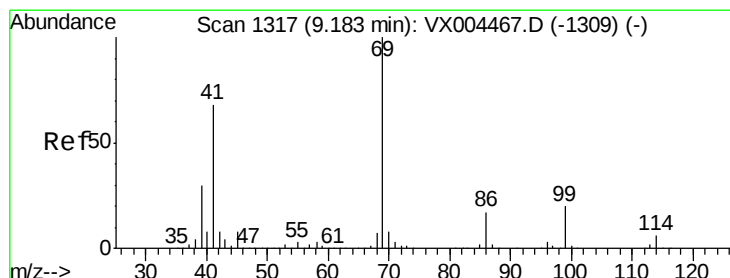
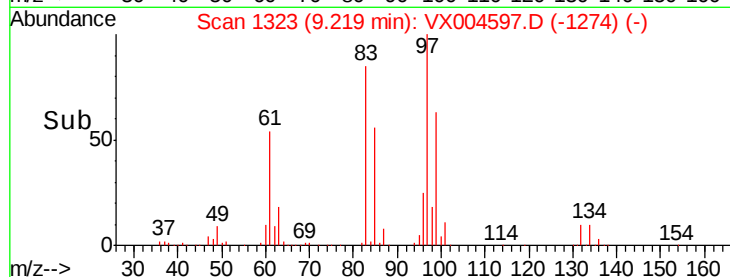
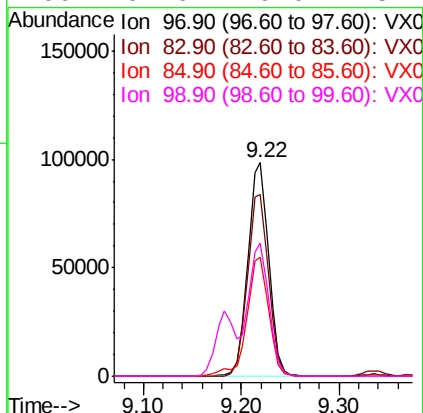
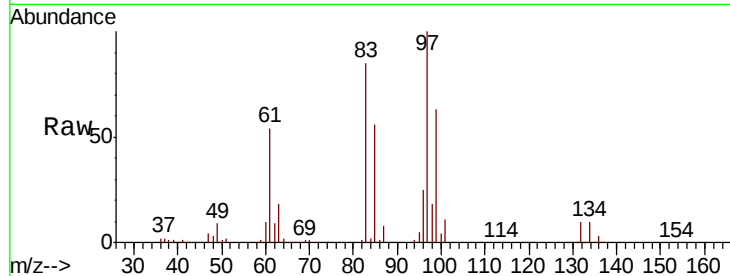
#55
 1,1,2-Trichloroethane
 Concen: 45.93 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	145422
Ion Ratio	Lower	Upper	
97	100		
83	85.1	66.4	99.6
85	55.8	43.3	64.9
99	62.6	49.0	73.4

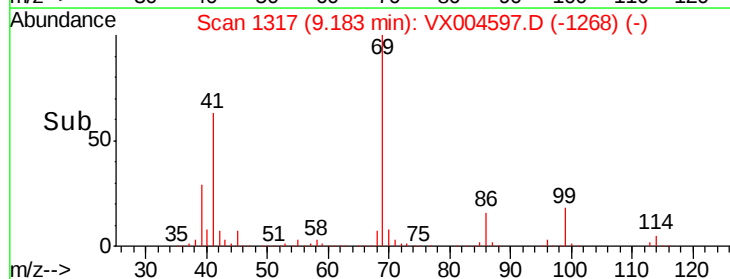
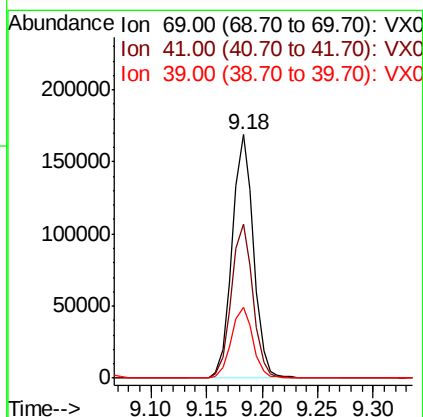
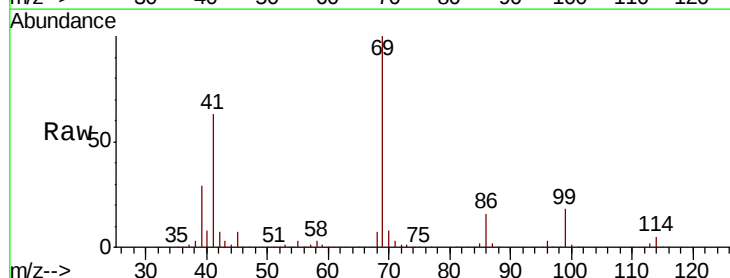
Manual Integrations
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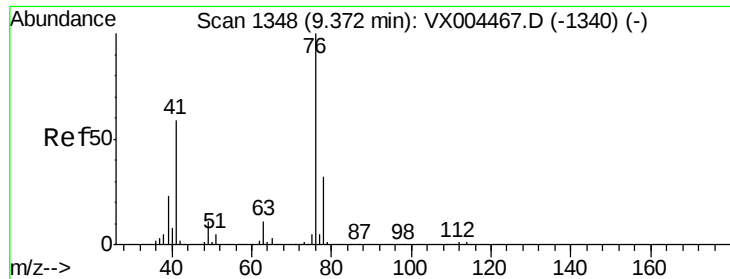
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#56
 Ethyl methacrylate
 Concen: 50.04 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion:	69	Resp:	224136
Ion Ratio	Lower	Upper	
69	100		
41	63.7	51.0	76.4
39	29.6	26.1	39.1





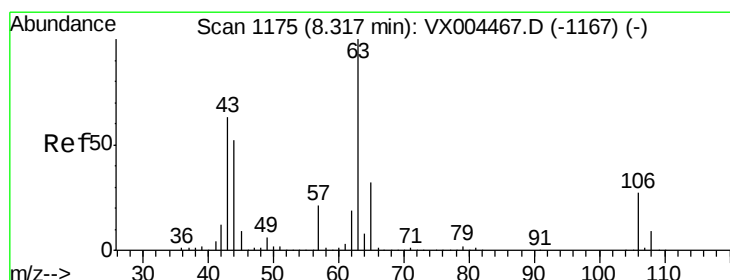
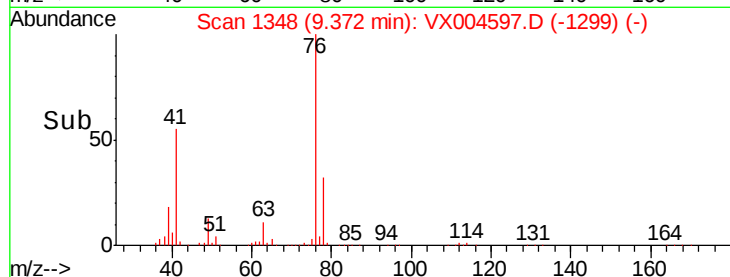
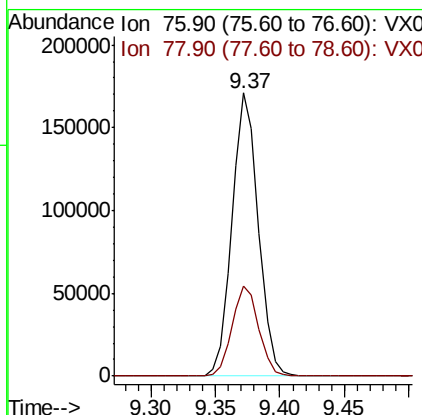
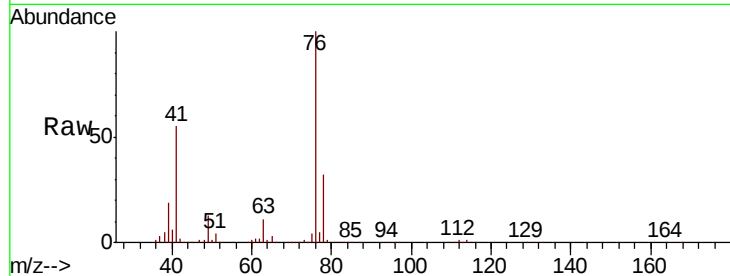
#57
 1,3-Dichloropropane
 Concen: 47.29 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

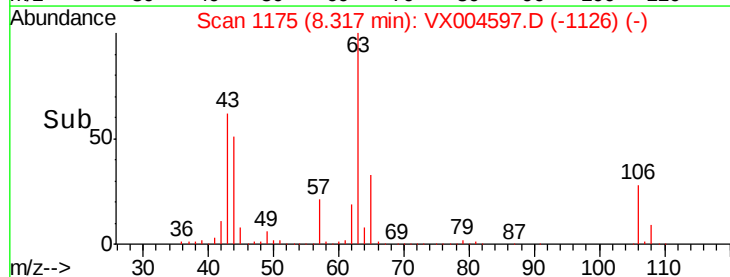
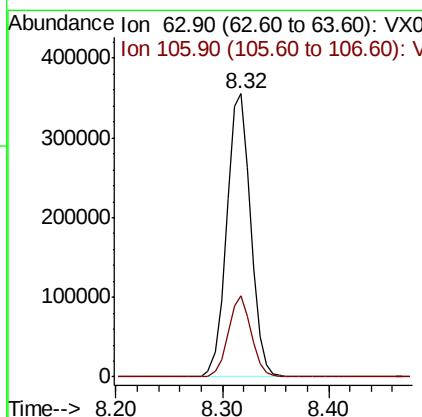
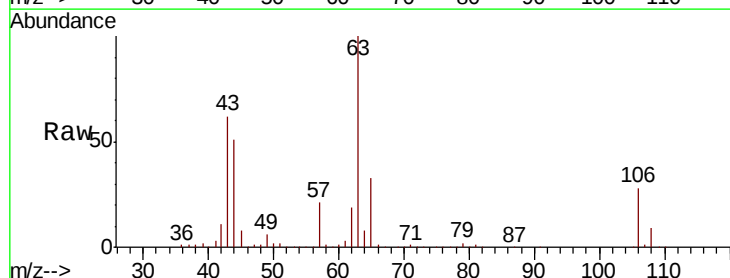
Manual Integrations
 APPROVED

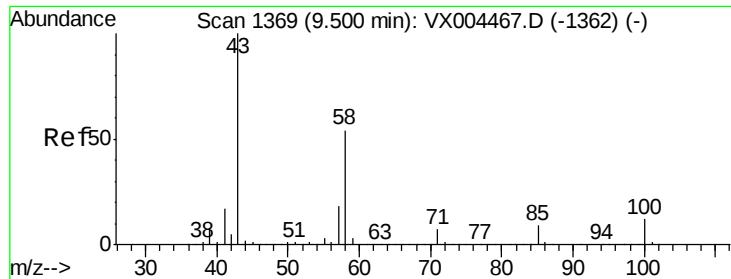
MMDadoda
 9/17/2018 6:27:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.35 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	23.9	35.9





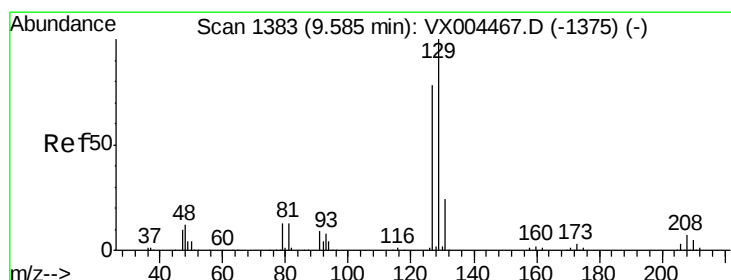
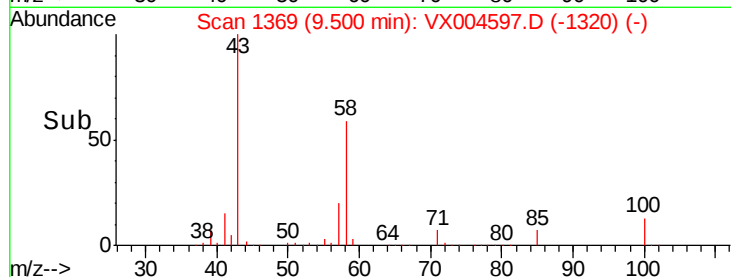
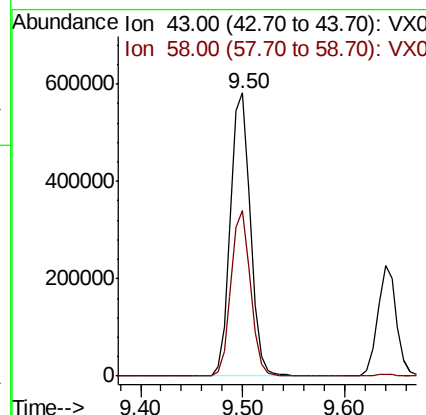
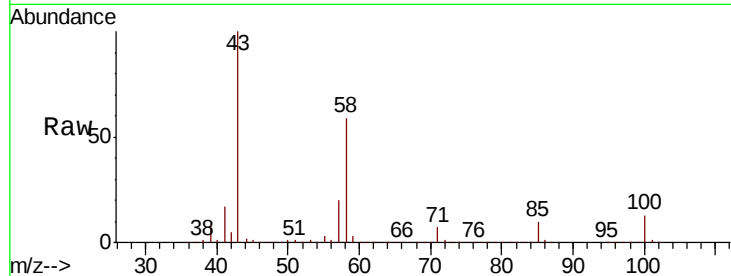
#59
 2-Hexanone
 Concen: 228.54 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.3	29.0	87.0

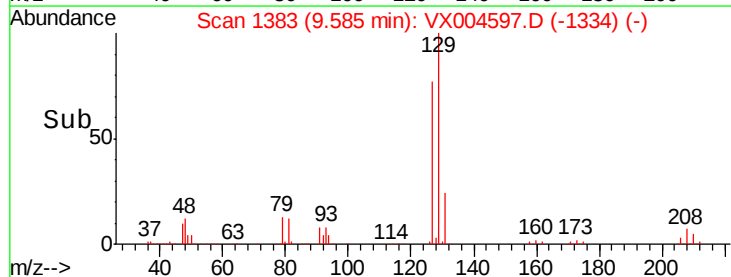
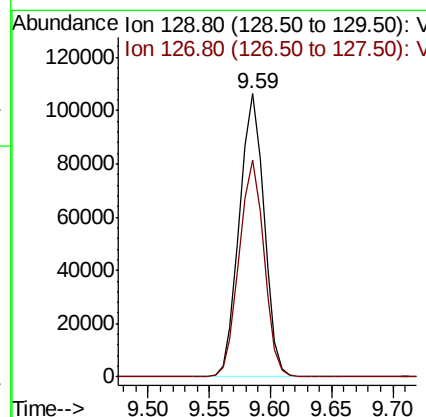
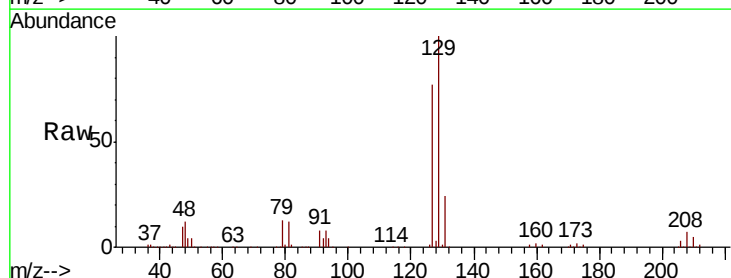
Manual Integrations
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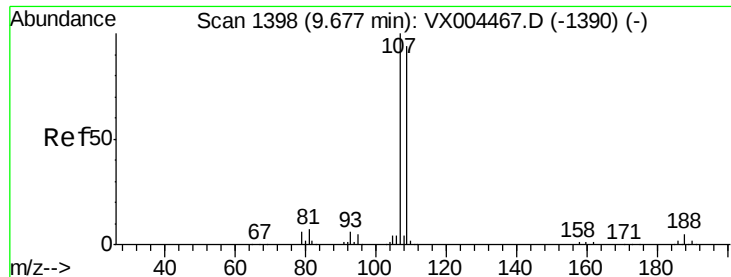
MMDadoda
 9/17/2018 6:27:29 PM



#60
 Dibromochloromethane
 Concen: 49.77 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.5	115.5





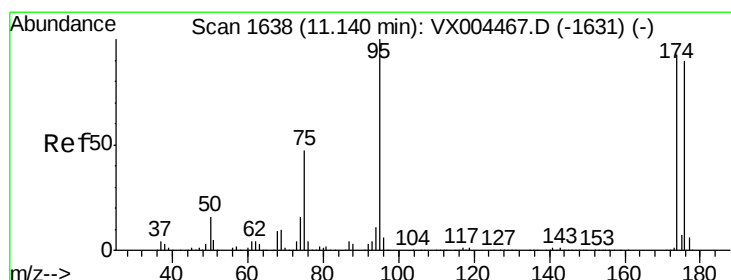
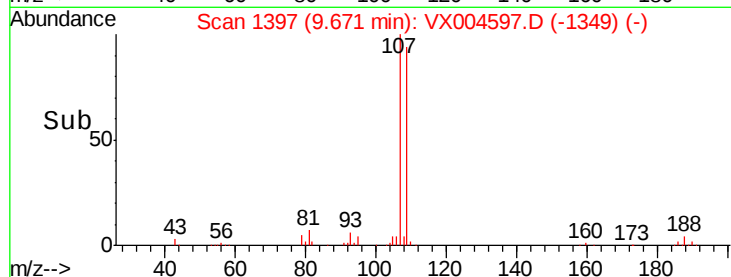
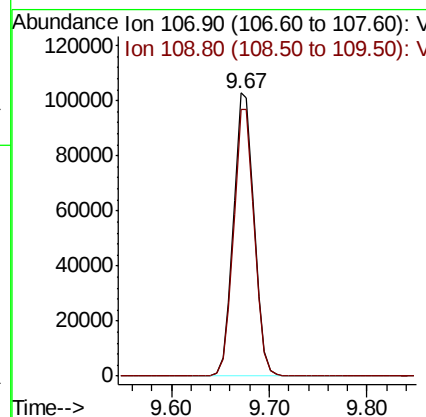
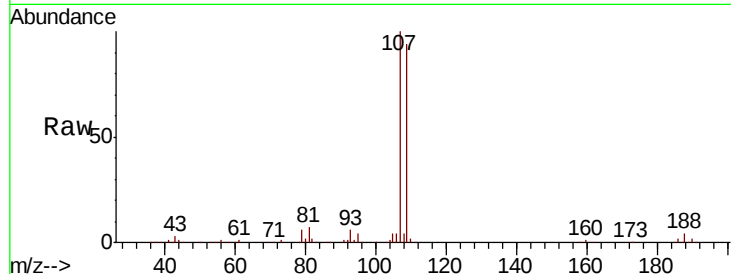
#61
 1,2-Dibromoethane
 Concen: 49.67 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.0	114.0

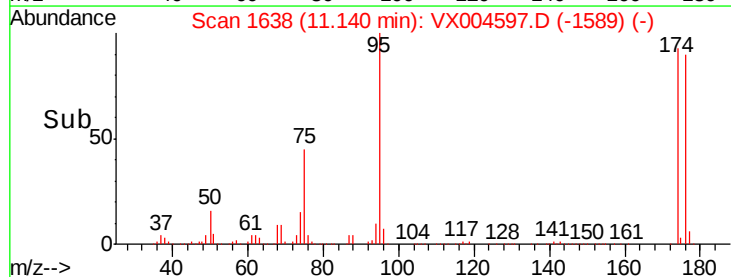
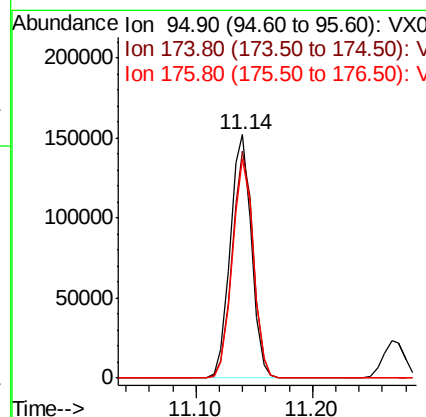
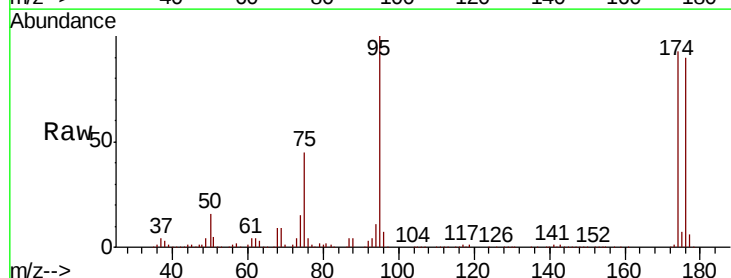
Manual Integrations
 APPROVED

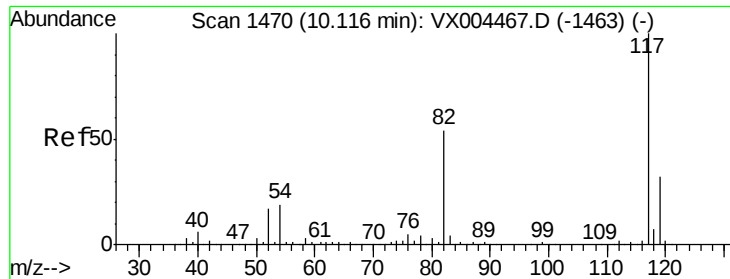
MMDadoda
 9/17/2018 6:27:29 PM



#62
 4-Bromofluorobenzene
 Concen: 50.47 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	185.2
176	89.9	0.0	178.6





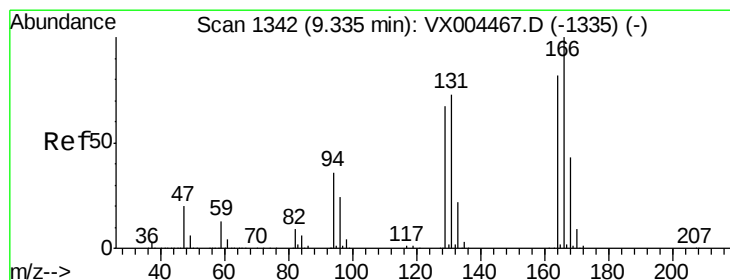
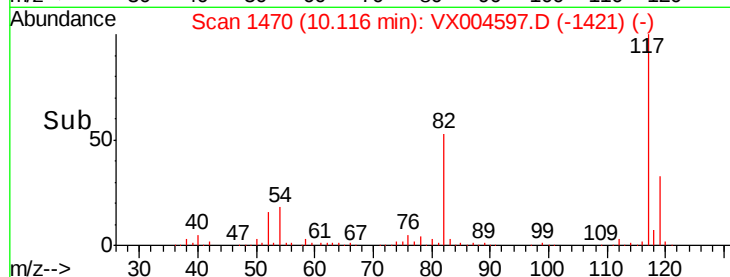
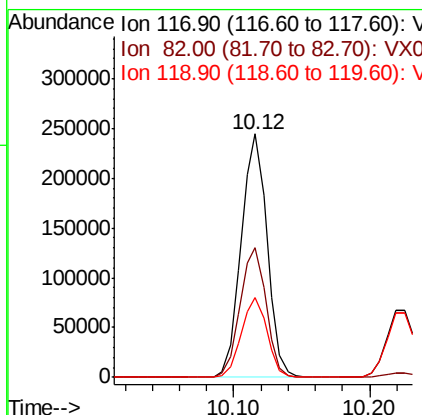
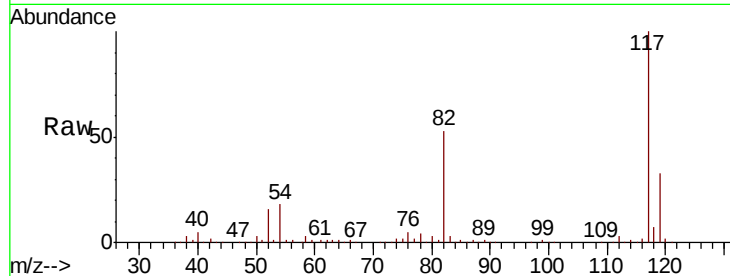
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	47.8	71.6
119	32.6	29.3	43.9

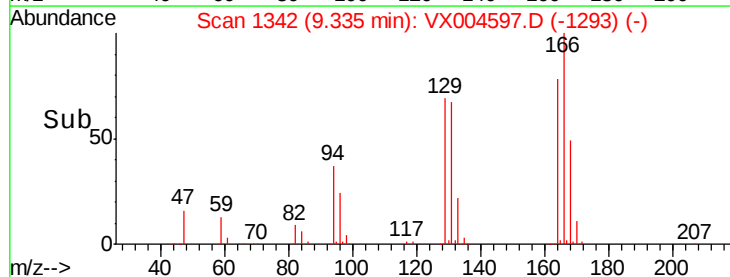
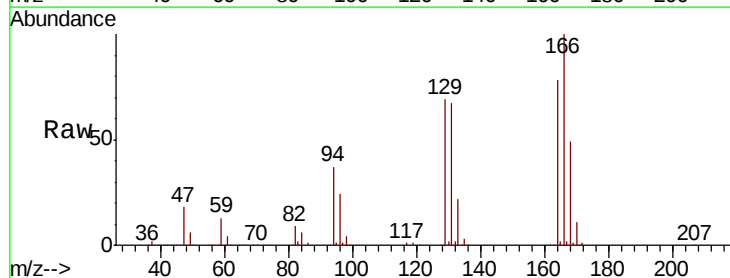
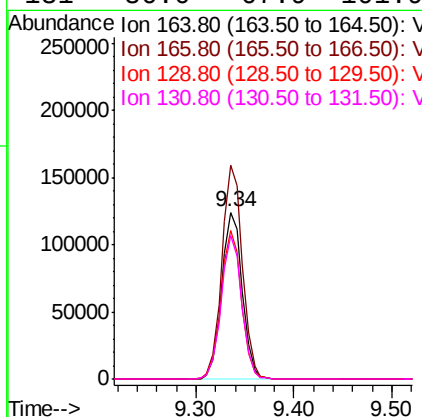
Manual Integrations
APPROVED

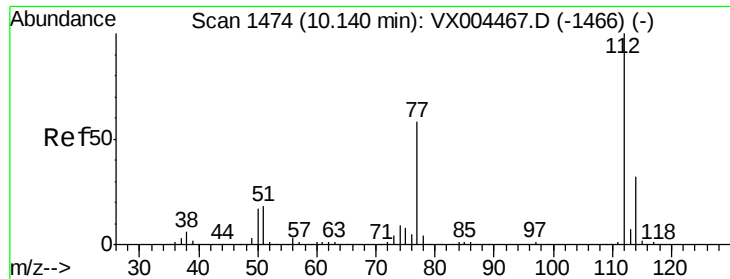
MMDadoda
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#64
Tetrachloroethene
Concen: 44.63 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.8	154.2
129	89.2	69.4	104.0
131	86.0	67.9	101.9





#65

Chlorobenzene

Concen: 50.03 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 404704

Ion Ratio Lower Upper

112 100

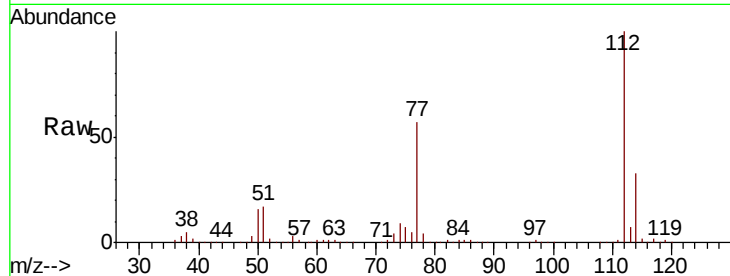
114 32.7 27.8 41.8

Manual Integrations

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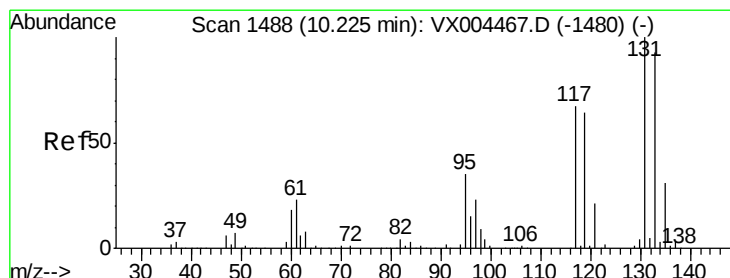
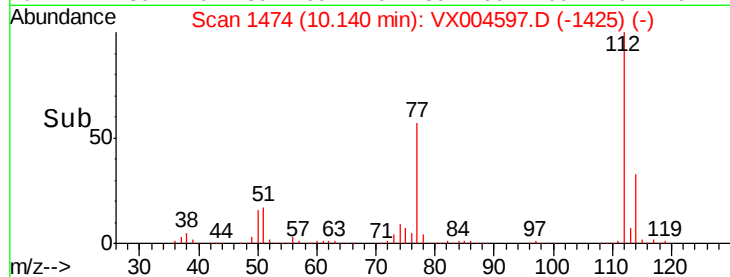
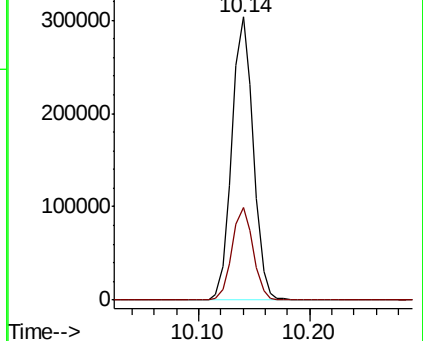
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.35 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

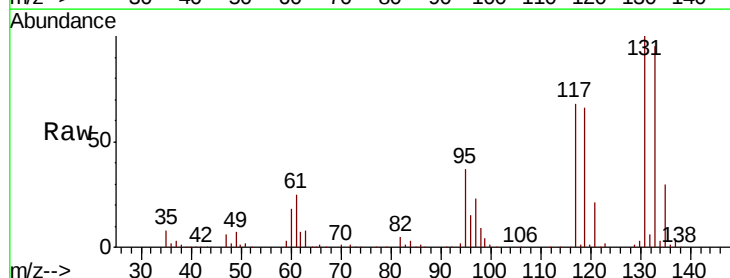
Tgt Ion:131 Resp: 143249

Ion Ratio Lower Upper

131 100

133 95.9 48.1 144.4

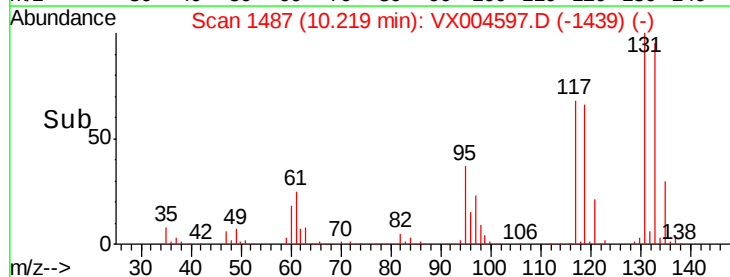
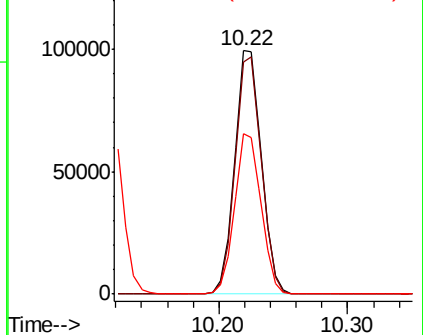
119 65.4 32.9 98.6

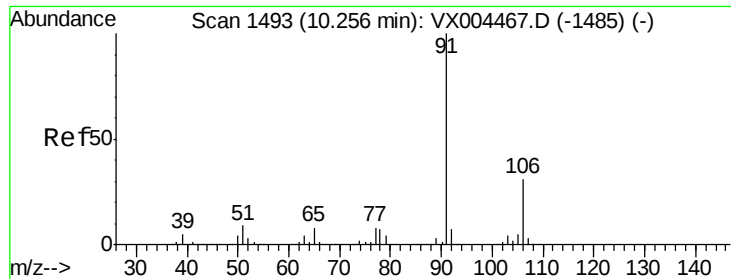


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





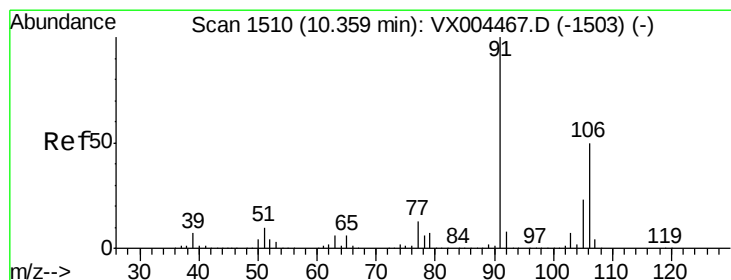
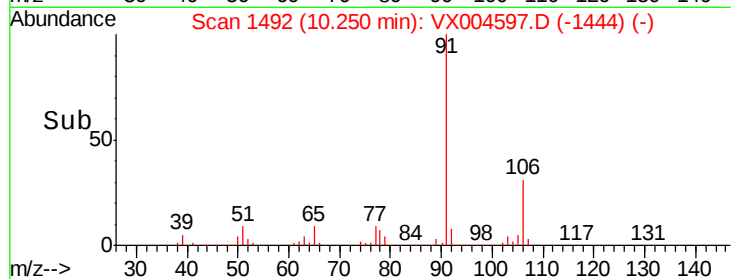
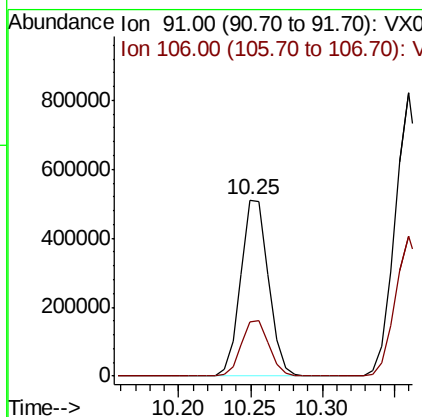
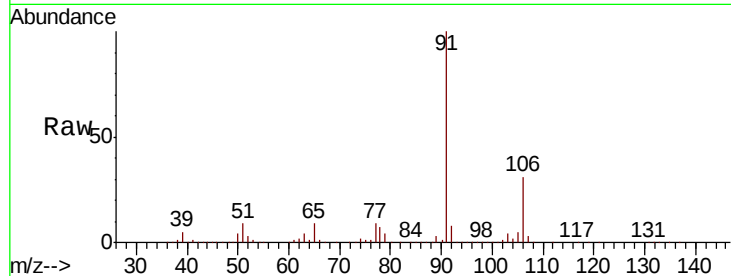
#67
Ethyl Benzene
Concen: 52.06 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 684801
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9

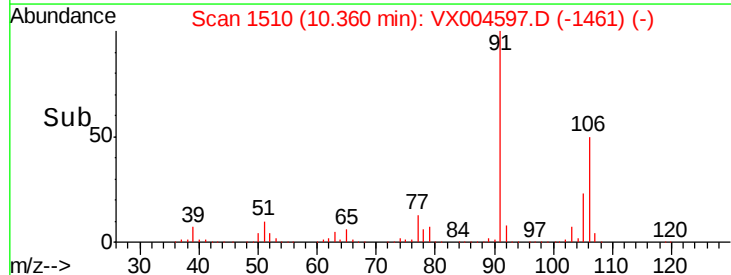
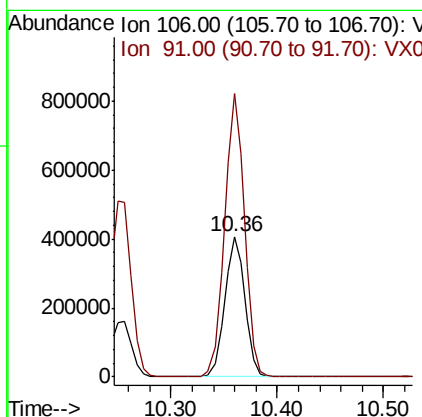
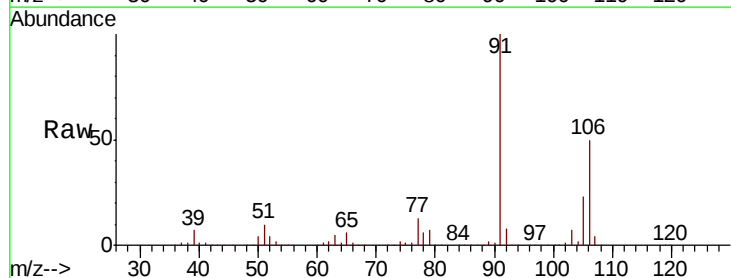
Manual Integrations
APPROVED

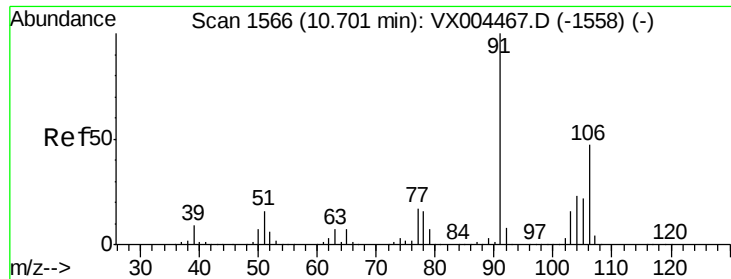
MMDadoda
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#68
m/p-Xylenes
Concen: 105.77 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion: 106 Resp: 535934
Ion Ratio Lower Upper
106 100
91 199.9 157.1 235.7





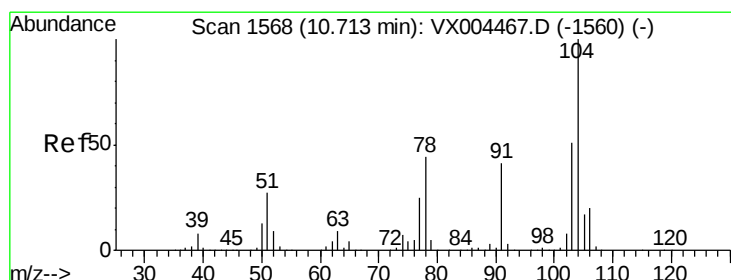
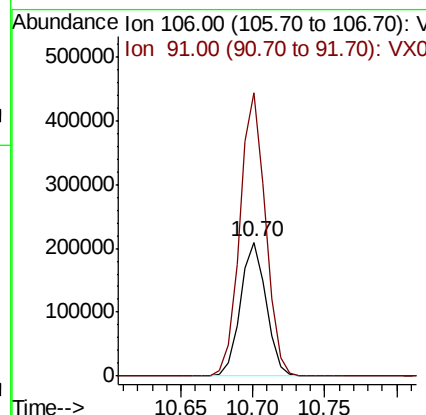
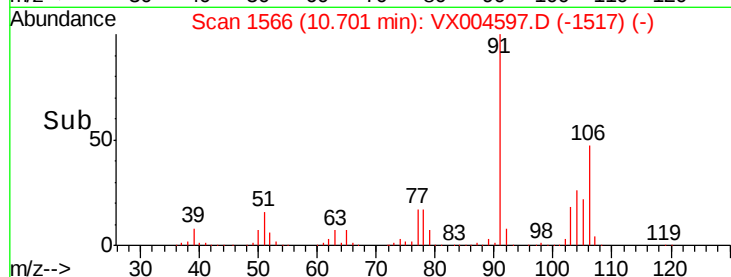
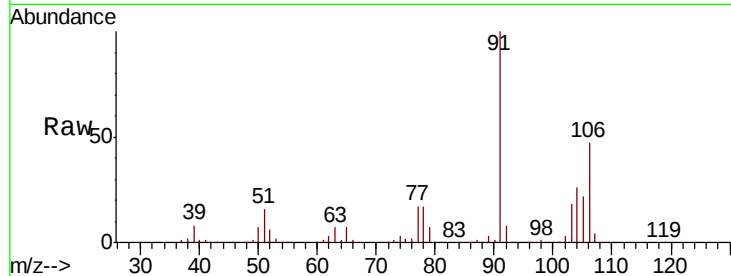
#69
o-Xylene
Concen: 53.56 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.9	105.1	315.1

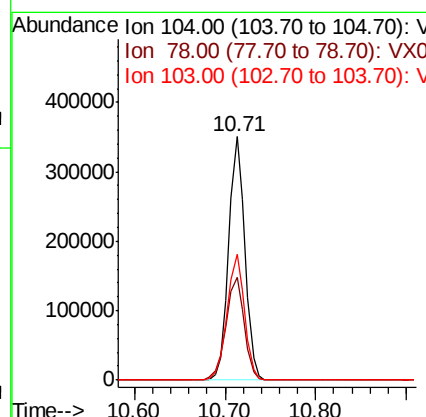
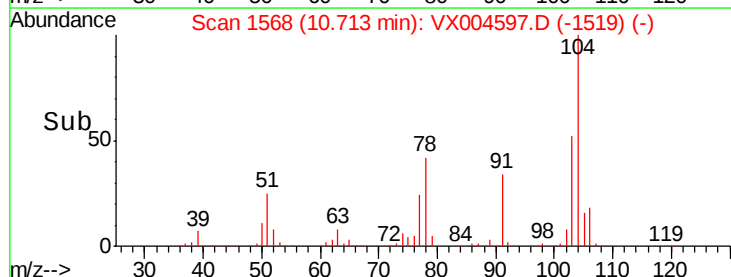
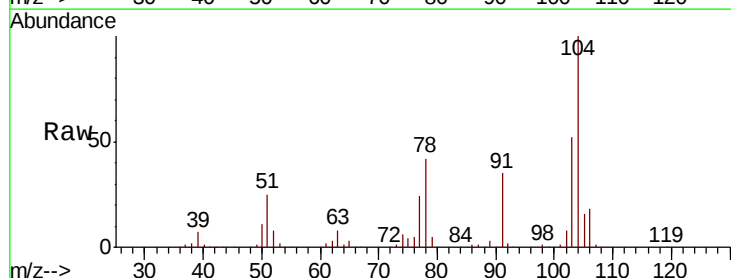
Manual Integrations
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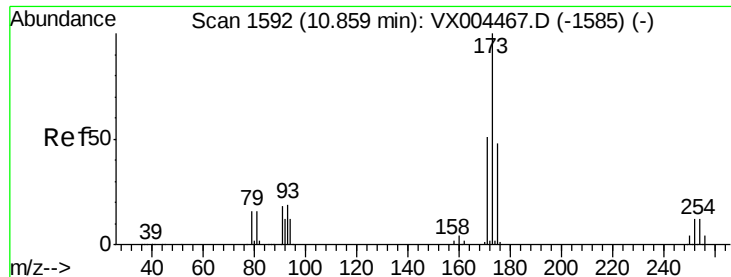
MMDadoda
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#70
Styrene
Concen: 54.05 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	37.4	56.0
103	55.9	43.8	65.6





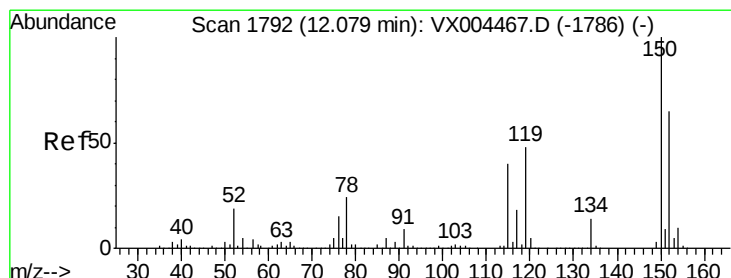
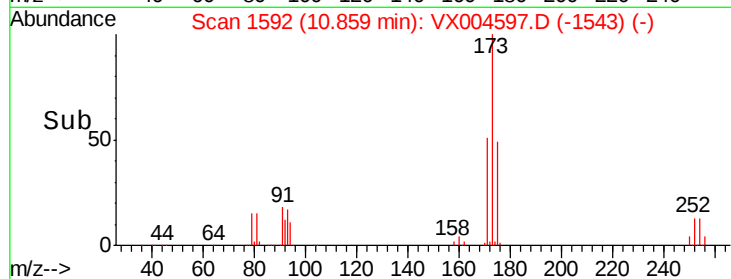
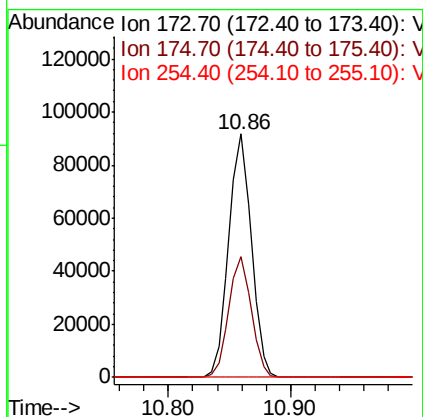
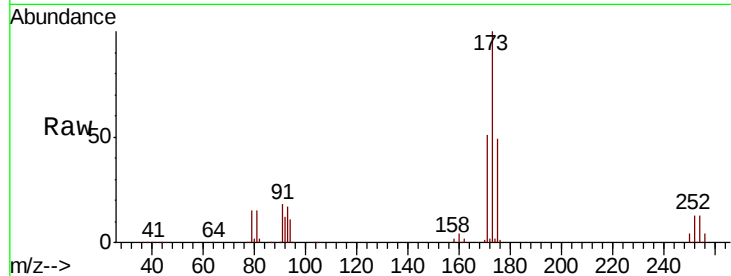
#71
Bromoform
Concen: 51.43 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.3
254	0.1	0.2	0.2

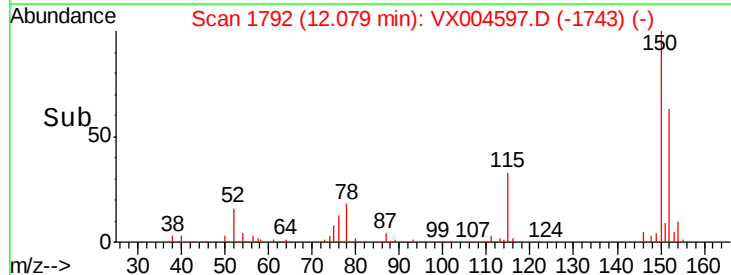
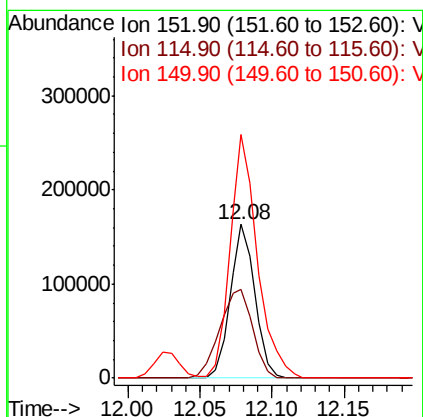
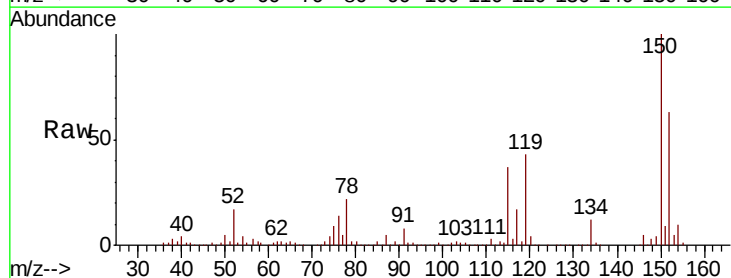
Manual Integrations
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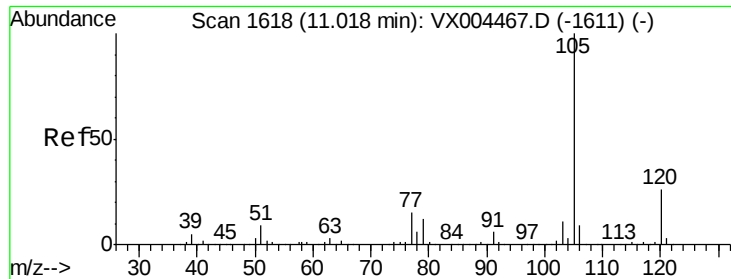
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	39.0	117.0
150	175.5	0.0	351.0





#73

Isopropylbenzene

Concen: 54.18 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 697287

Ion Ratio Lower Upper

105 100

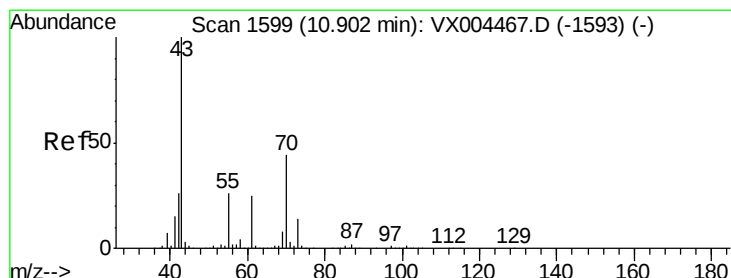
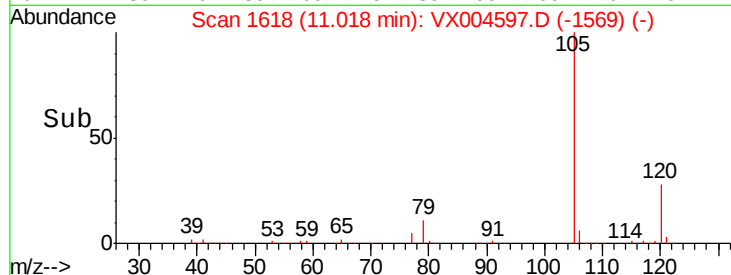
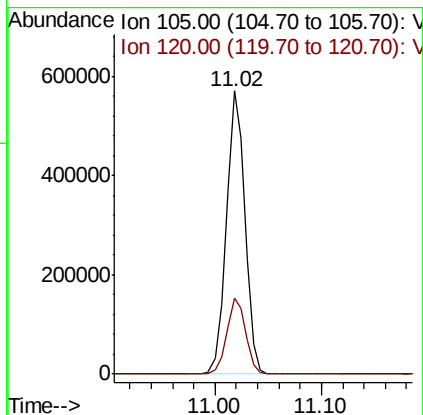
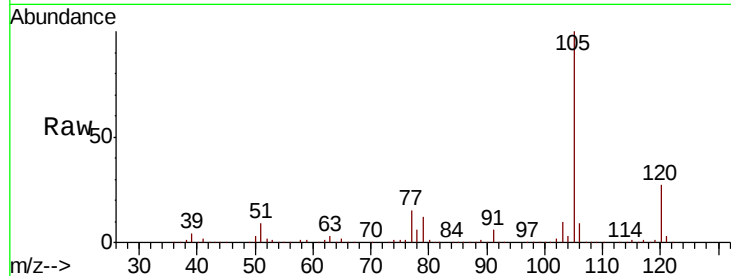
120 27.0 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

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#74

N-ethyl acetate

Concen: 54.24 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Tgt Ion: 43 Resp: 293850

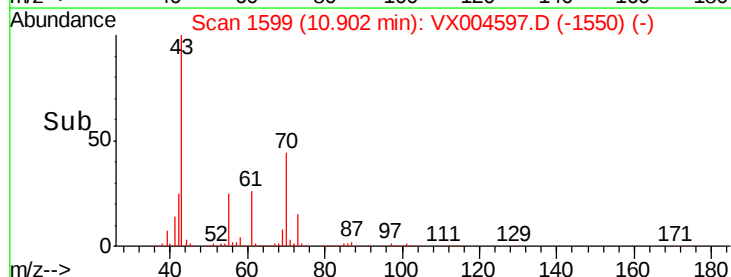
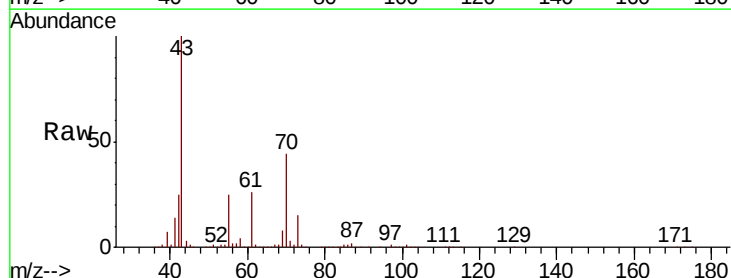
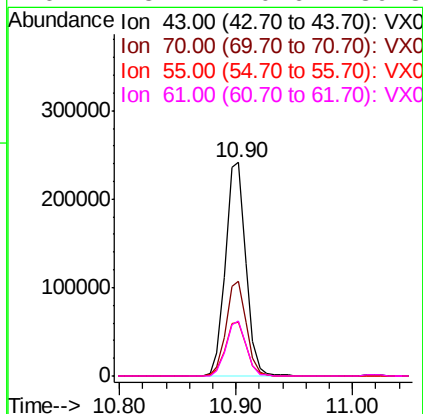
Ion Ratio Lower Upper

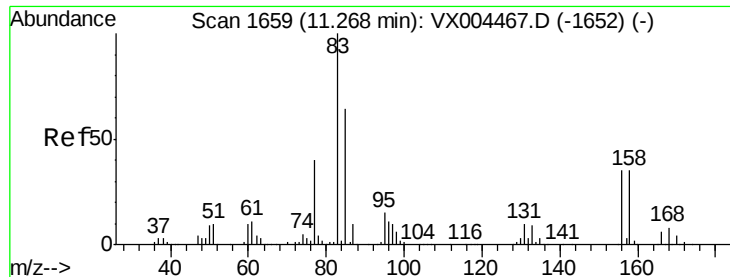
43 100

70 43.8 37.4 56.0

55 25.6 21.8 32.8

61 25.2 20.6 30.8





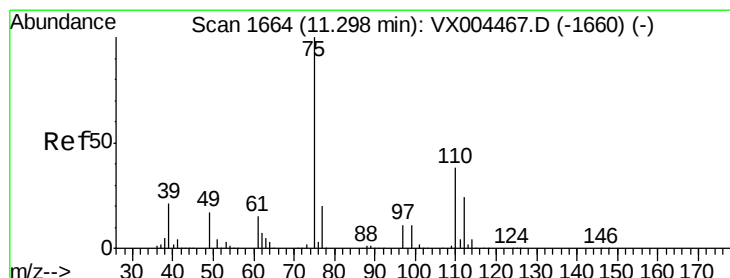
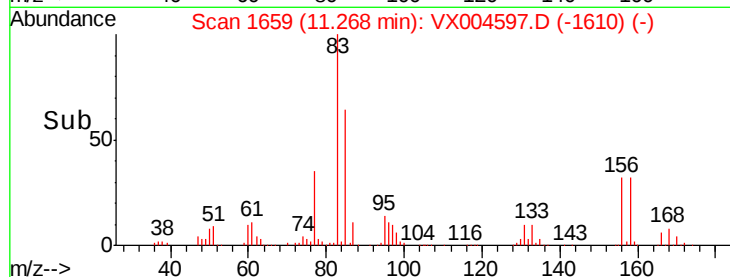
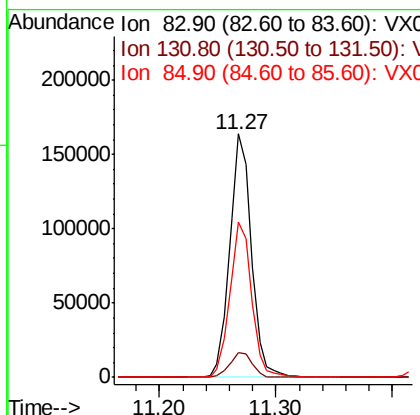
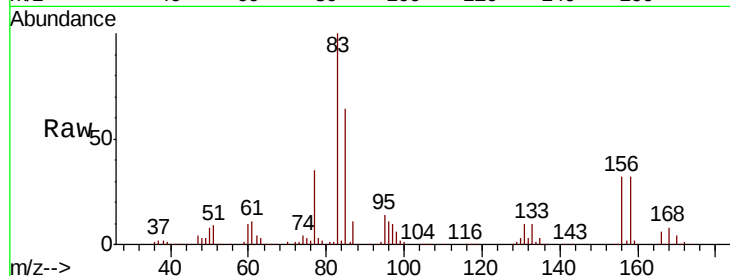
#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.03 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.6	5.2	15.6	
85	64.5	32.3	96.8	

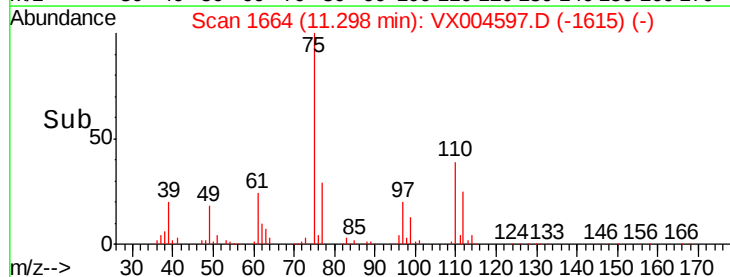
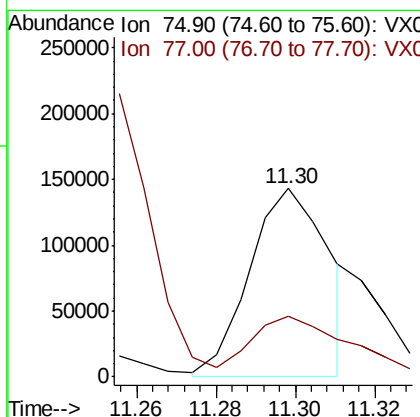
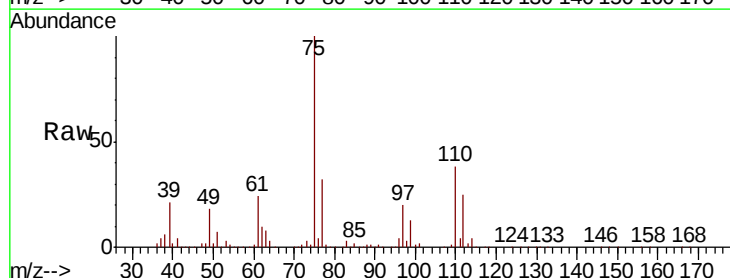
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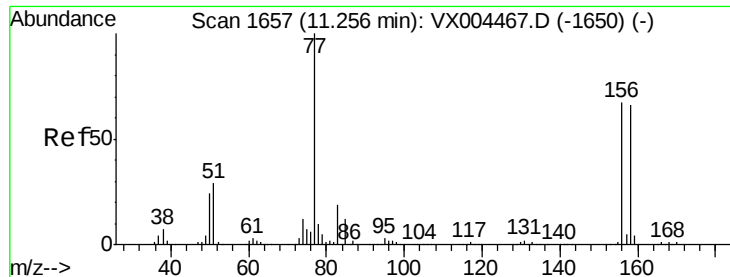
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#76
 1,2,3-Trichloropropane
 Concen: 50.51 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	40.5	20.2	60.6	





#77

Bromobenzene

Concen: 51.94 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

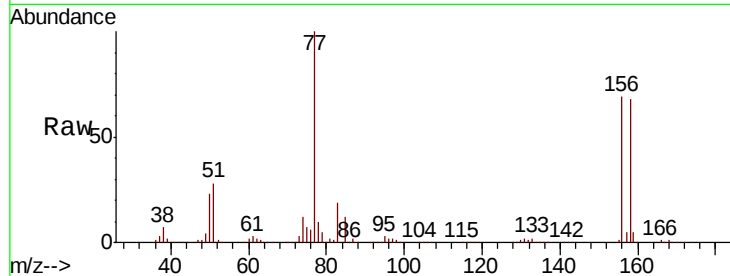
ClientSampleId :

VSTDCCC050EC

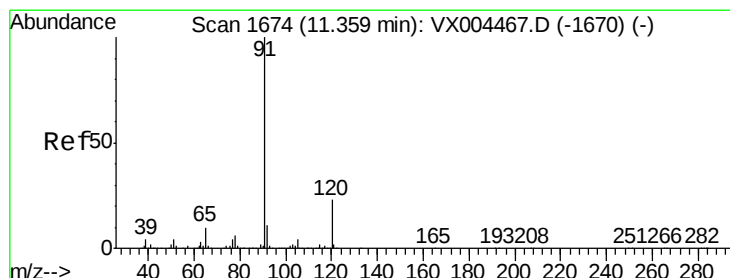
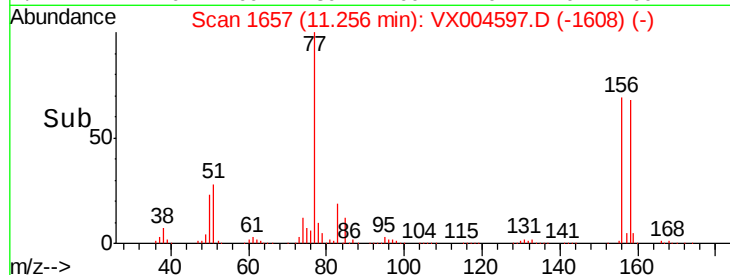
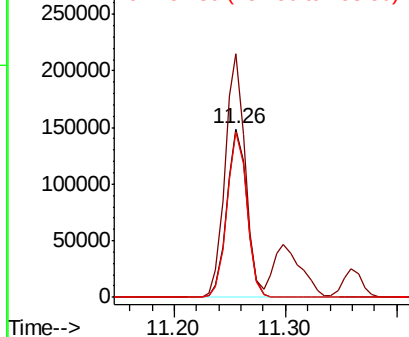
Tot Ion:	156	Resp:	184777
Ion Ratio	Lower	Upper	
156	100		
77	144.5	71.5	214.3
158	97.6	48.9	146.8

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.75 ug/l

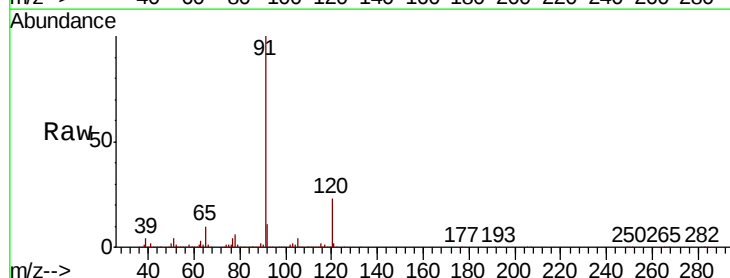
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

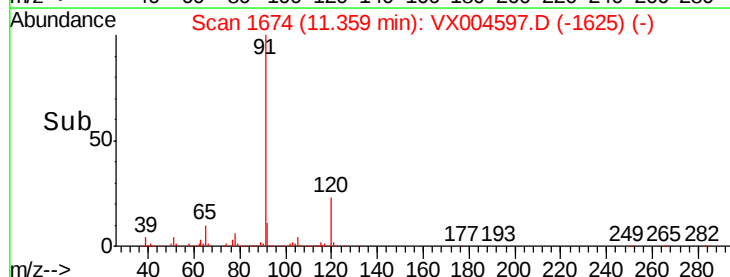
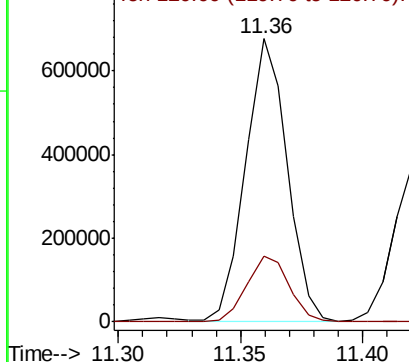
Lab File: VX004597.D

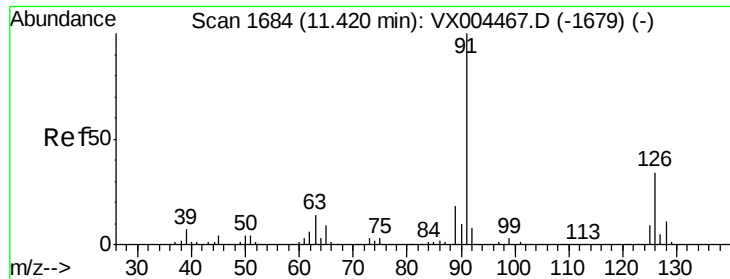
Acq: 15 Sep 2018 20:53

Tgt Ion:	91	Resp:	795428
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.17 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 468282

Ion Ratio Lower Upper

91 100

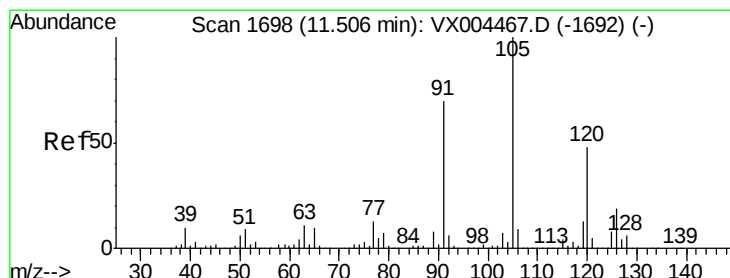
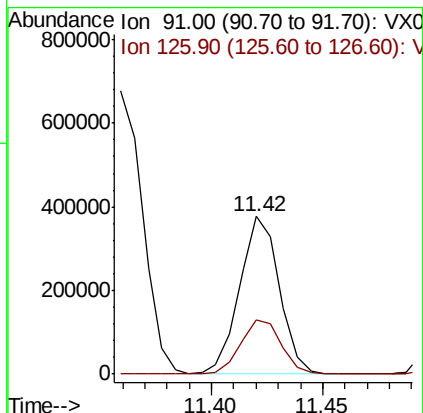
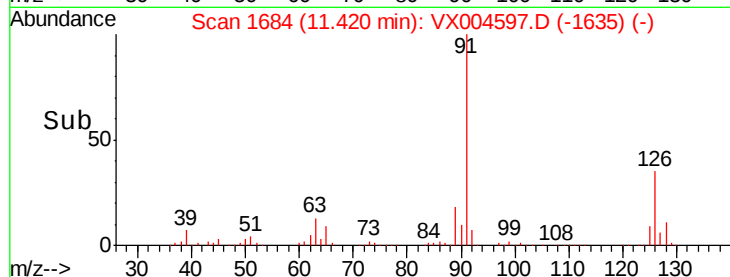
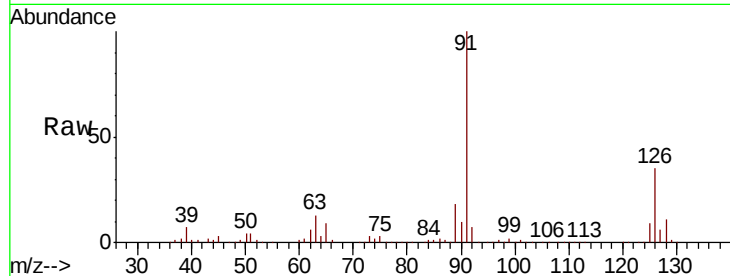
126 35.5 17.9 53.7

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#80

1,3,5-Trimethylbenzene

Concen: 53.98 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004597.D

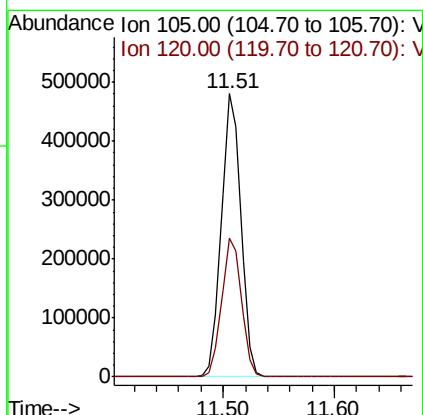
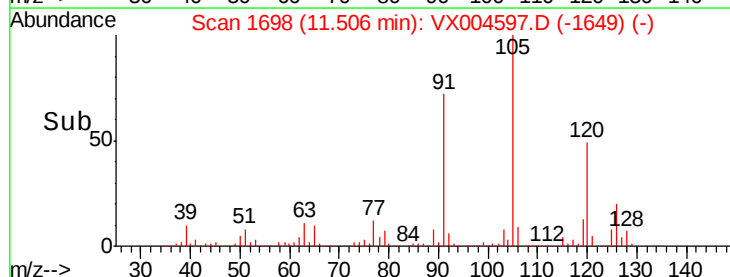
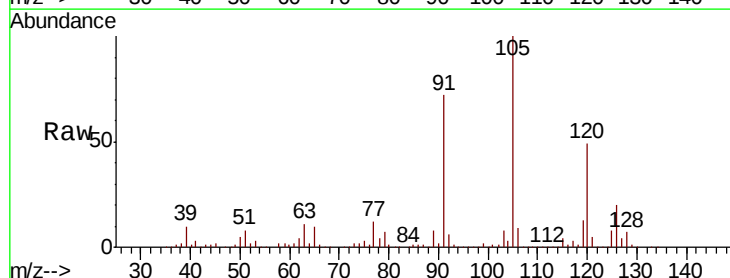
Acq: 15 Sep 2018 20:53

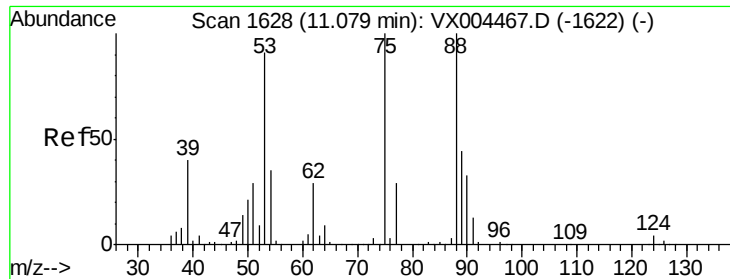
Tgt Ion: 105 Resp: 584099

Ion Ratio Lower Upper

105 100

120 49.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.95 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 61616

Ion Ratio Lower Upper

75 100

53 91.2 80.1 120.1

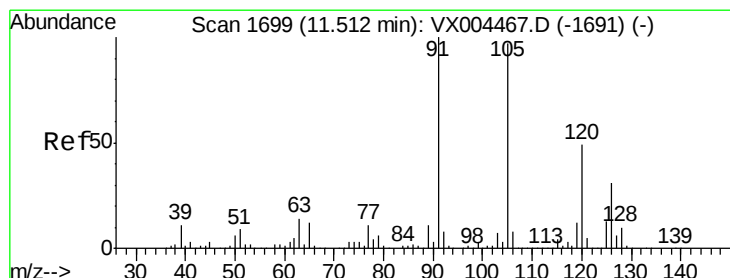
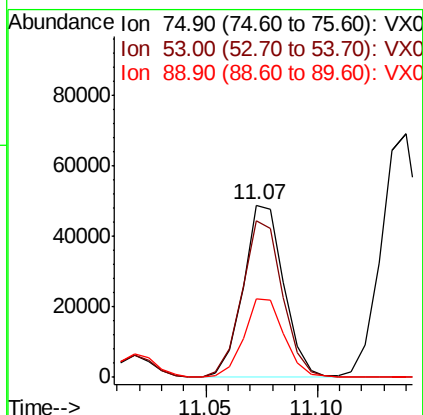
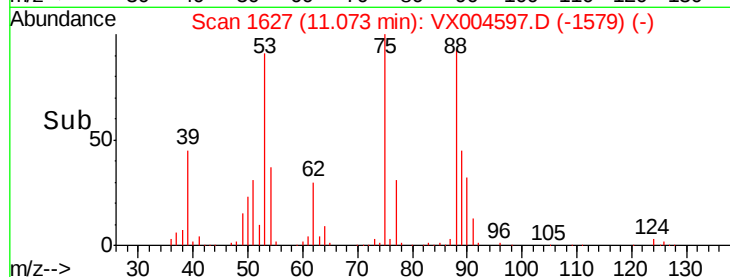
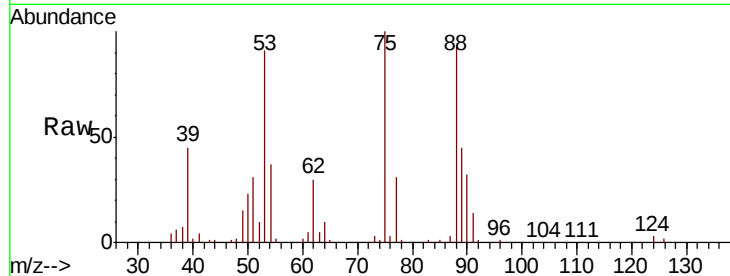
89 45.5 37.2 55.8

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#82

4-Chlorotoluene

Concen: 52.19 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004597.D

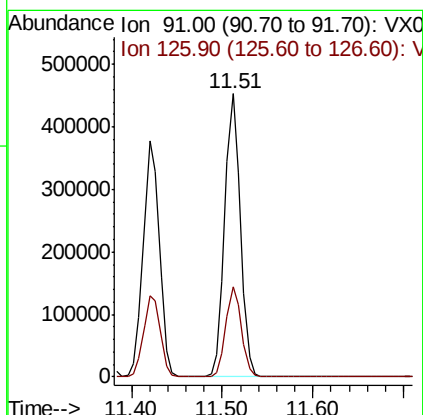
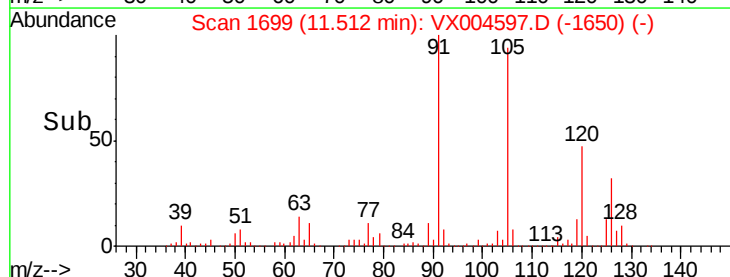
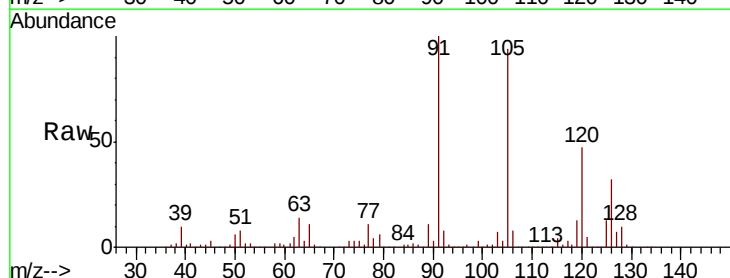
Acq: 15 Sep 2018 20:53

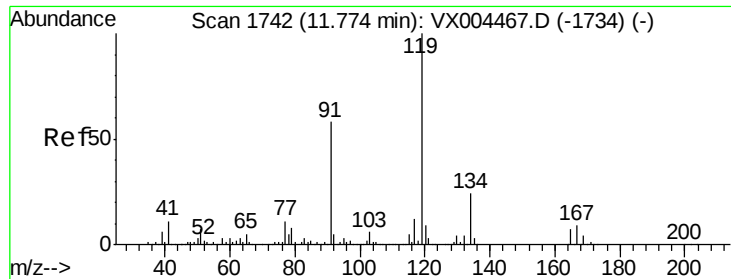
Tgt Ion: 91 Resp: 546698

Ion Ratio Lower Upper

91 100

126 31.4 15.5 46.5





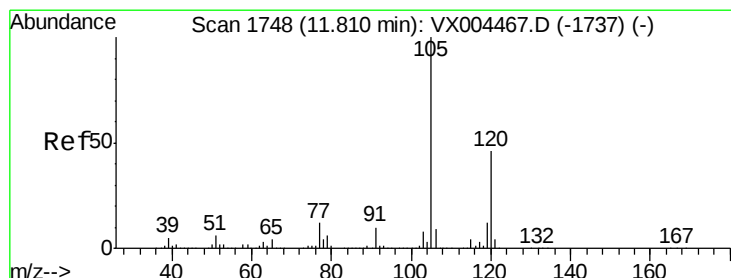
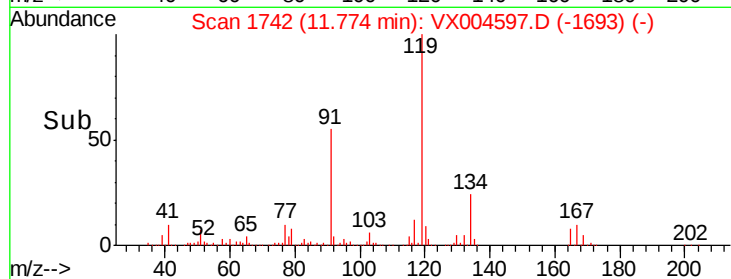
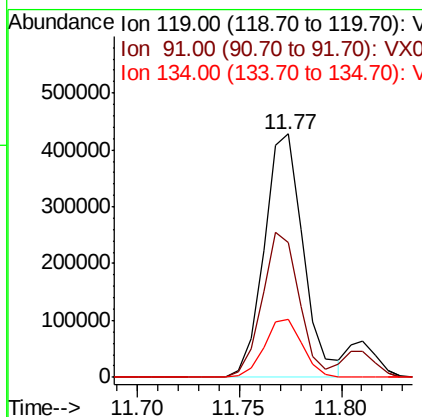
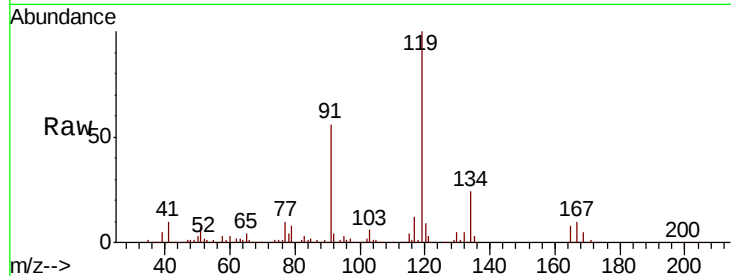
#83
 tert-Butylbenzene
 Concen: 55.41 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	570725		
91	56.3		27.0	81.0
134	23.2		11.7	35.1

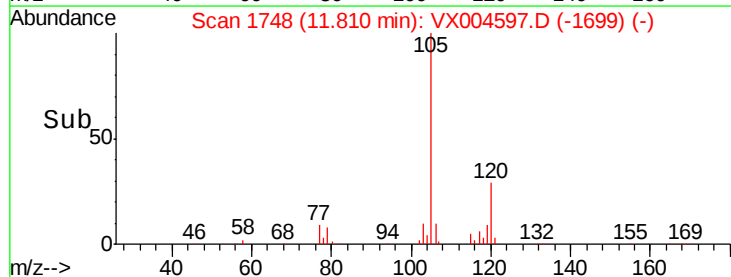
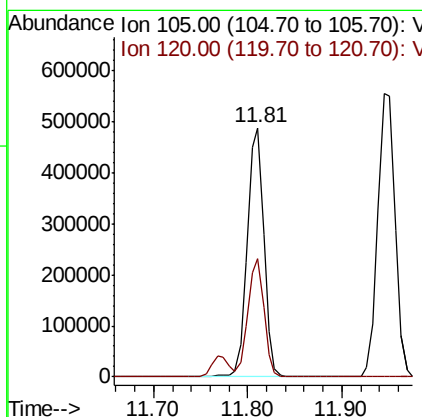
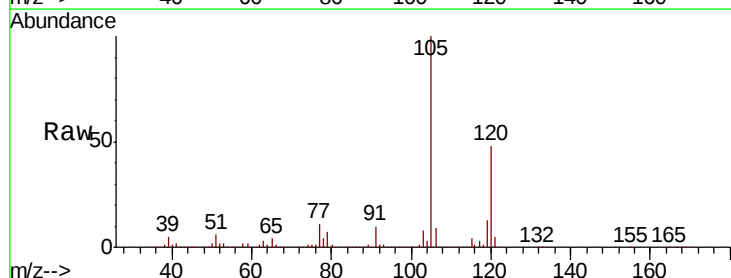
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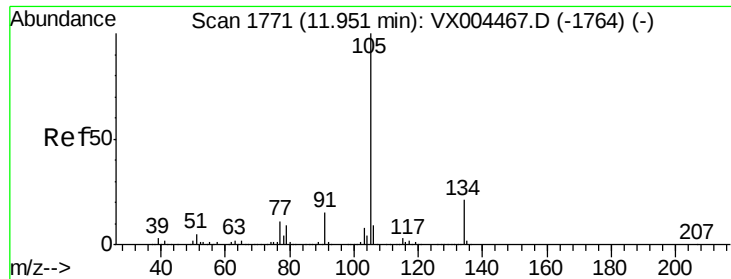
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.18 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	598476		
120	46.1		23.2	69.6





#85

sec-Butylbenzene

Concen: 54.10 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 710200

Ion Ratio Lower Upper

105 100

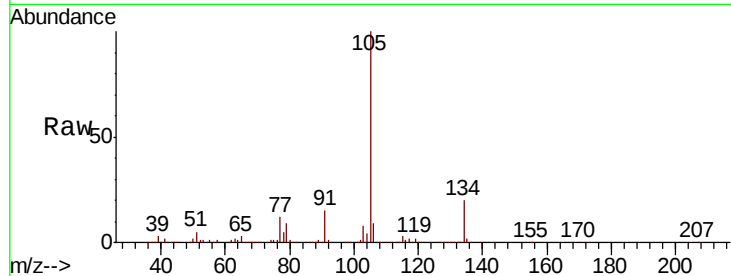
134 20.6 10.5 31.5

Manual Integrations

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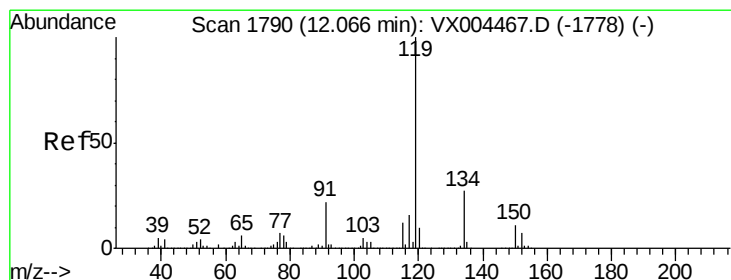
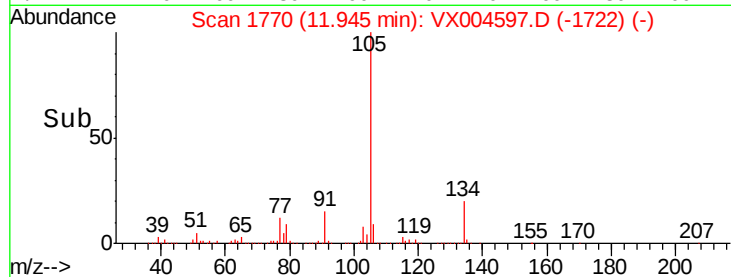
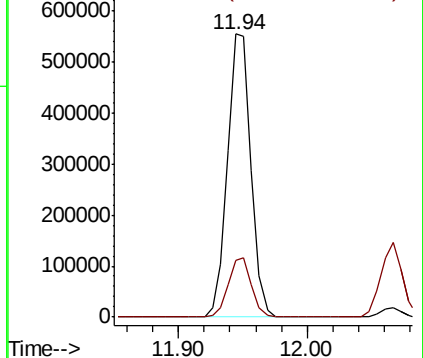
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.62 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004597.D

Acq: 15 Sep 2018 20:53

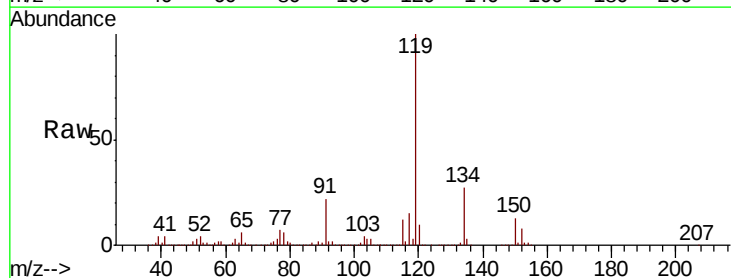
Tgt Ion:119 Resp: 633121

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

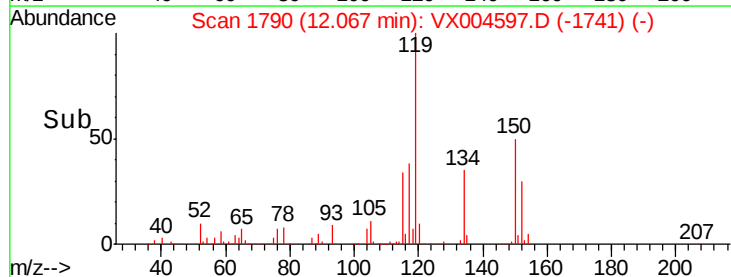
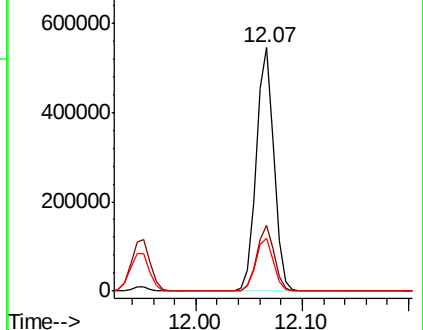
91 21.9 10.9 32.7

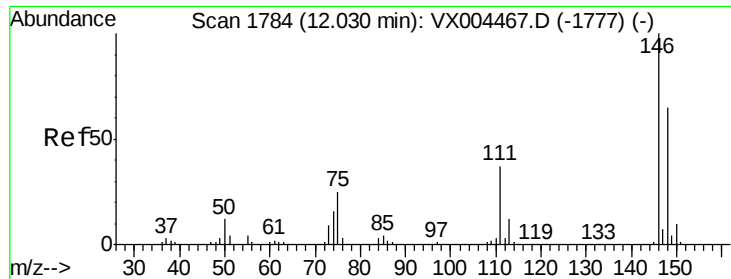


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





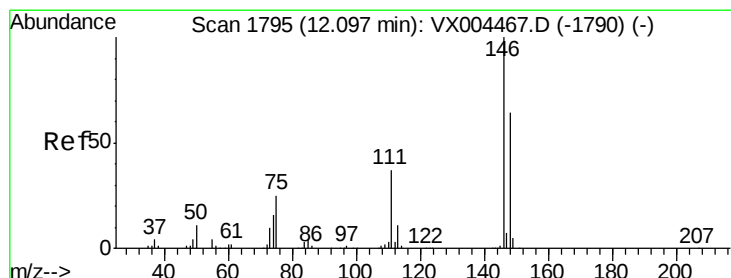
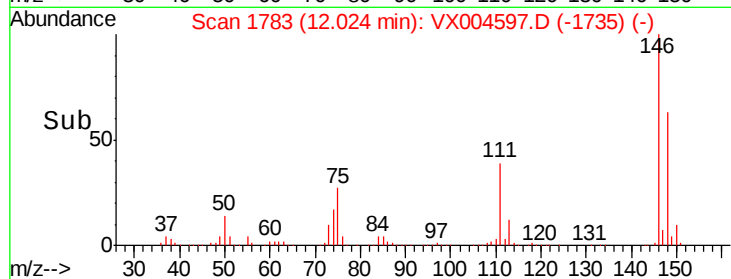
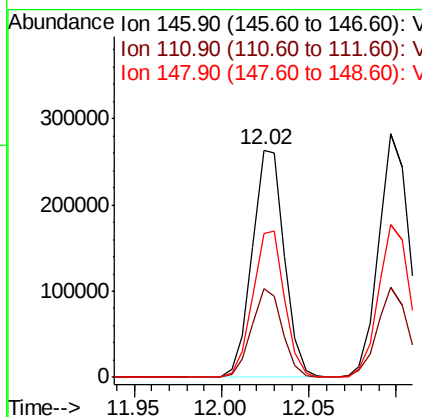
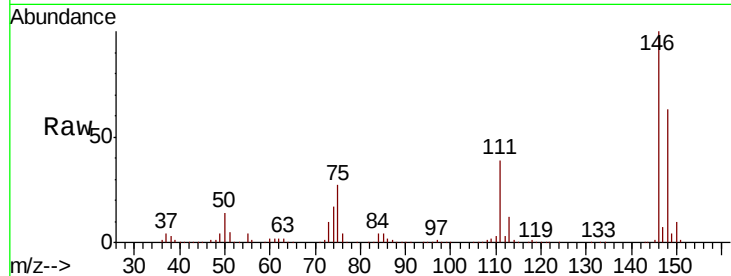
#87
 1,3-Dichlorobenzene
 Concen: 51.00 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.1	32.1	96.5

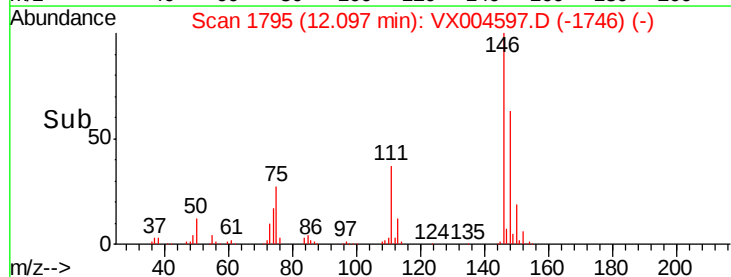
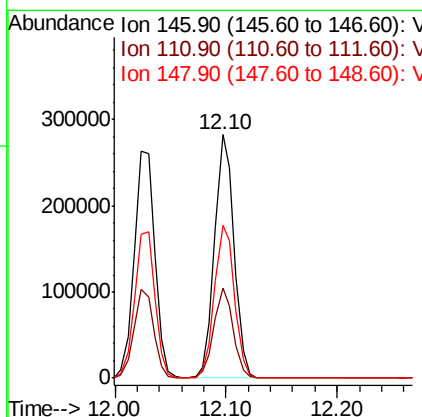
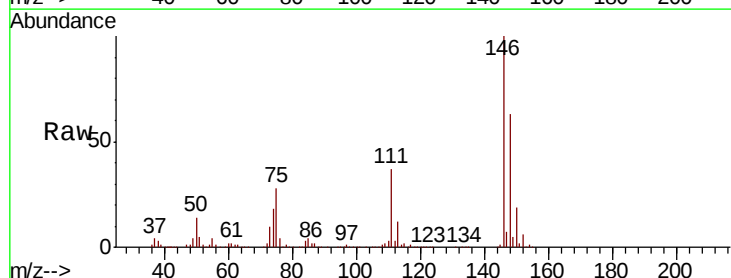
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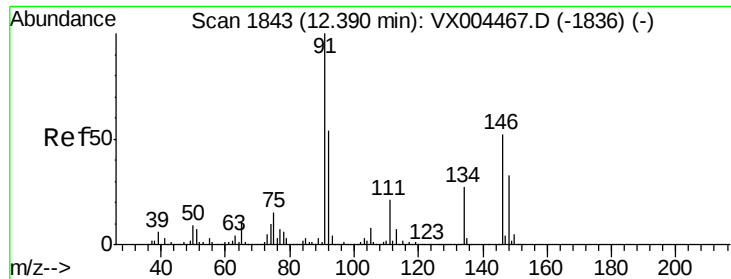
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#88
 1,4-Dichlorobenzene
 Concen: 49.90 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.1
148	64.5	32.0	96.0





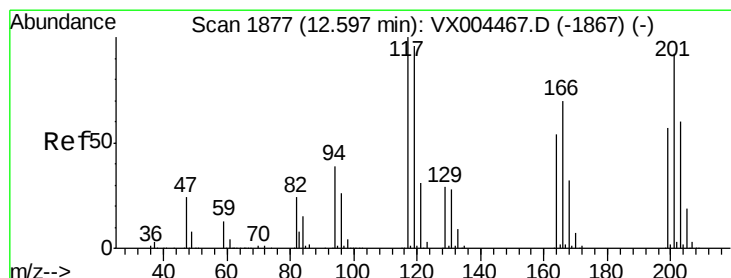
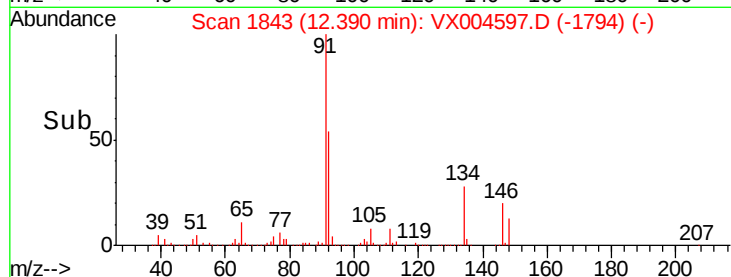
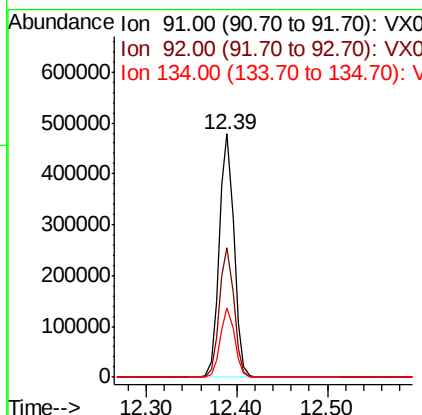
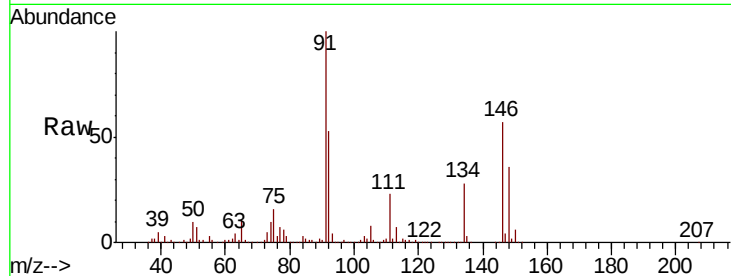
#89
n-Butylbenzene
Concen: 51.42 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.3	81.9
134	27.5	13.6	40.7

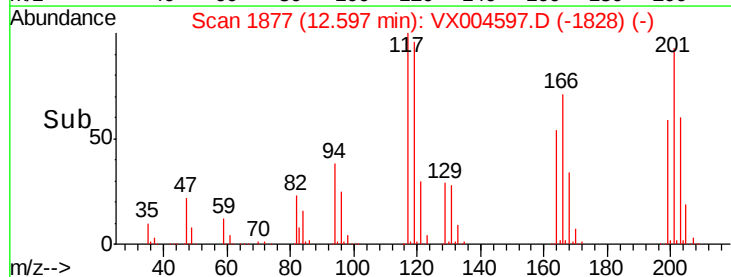
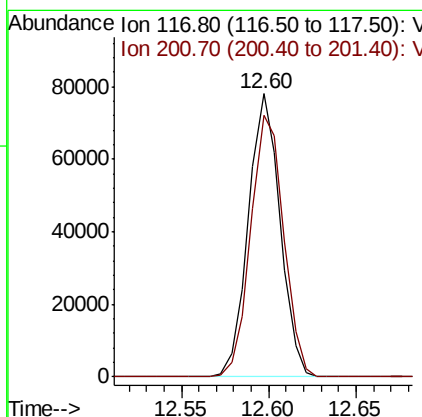
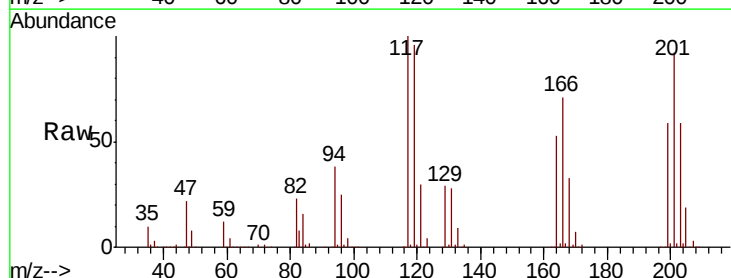
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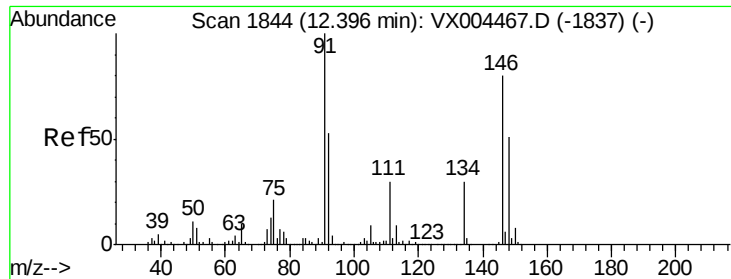
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#90
Hexachloroethane
Concen: 53.11 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.8	46.9	140.6





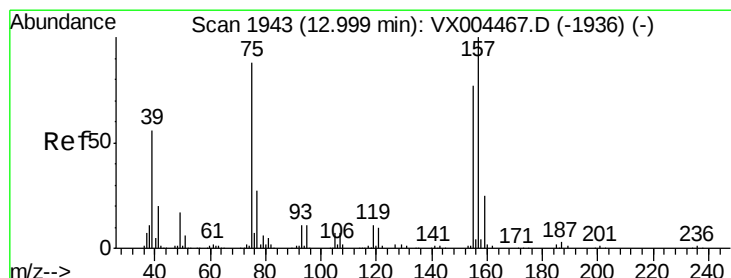
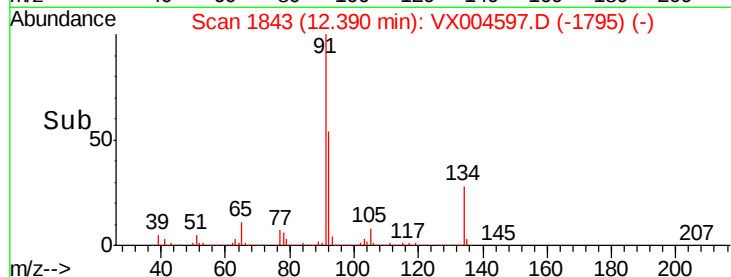
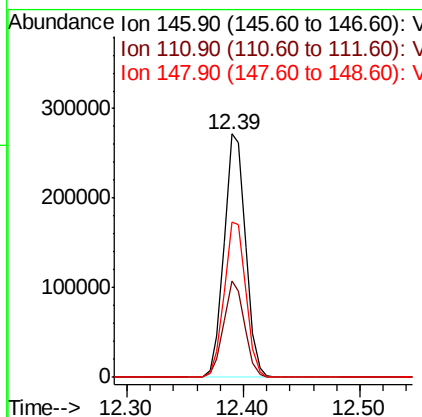
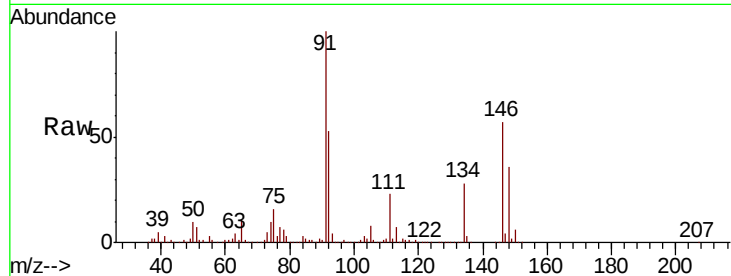
#91
 1,2-Dichlorobenzene
 Concen: 51.42 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	64.4	32.8	98.3

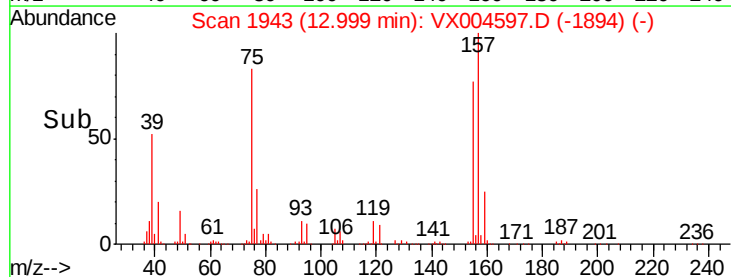
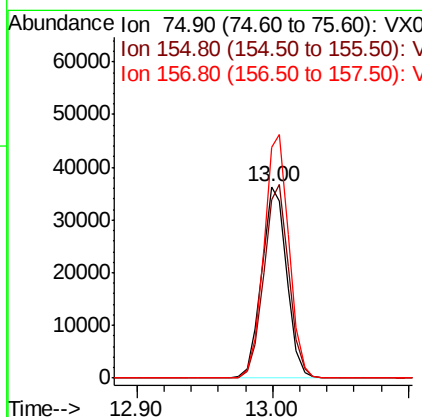
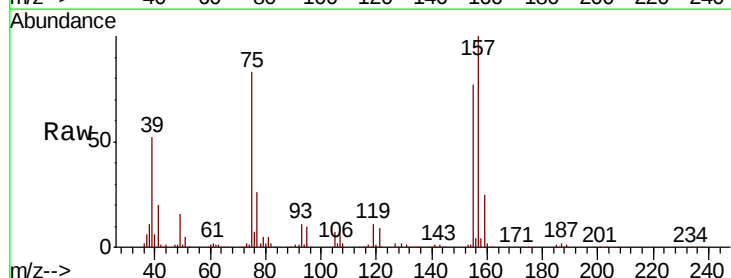
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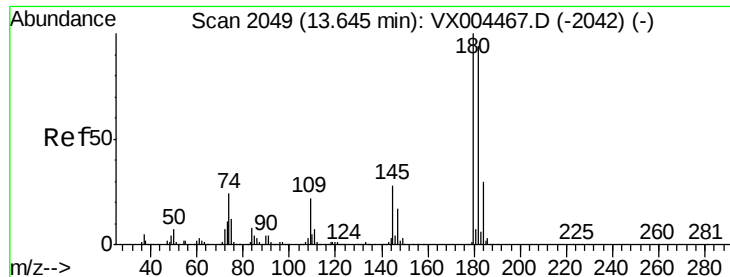
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.15 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.2	48.0	144.2
157	126.6	61.4	184.1





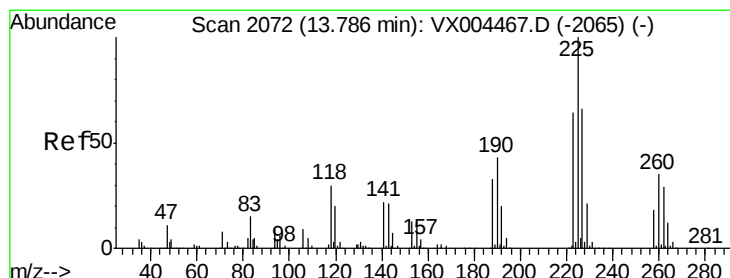
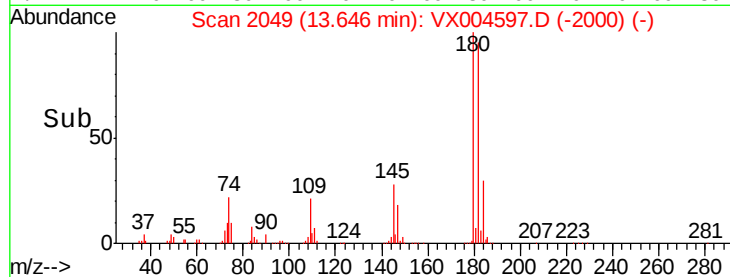
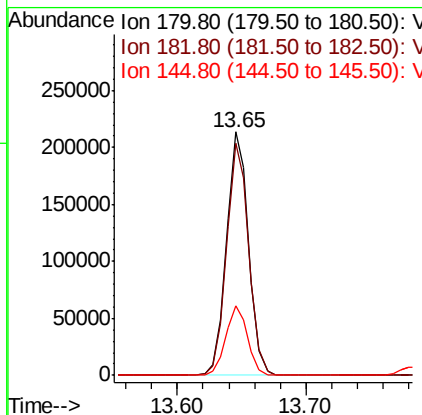
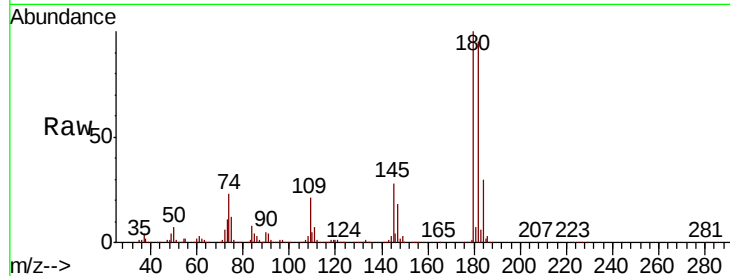
#93
 1,2,4-Trichlorobenzene
 Concen: 53.90 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	256416		
182	95.7	48.4	145.0	
145	28.0	14.3	42.9	

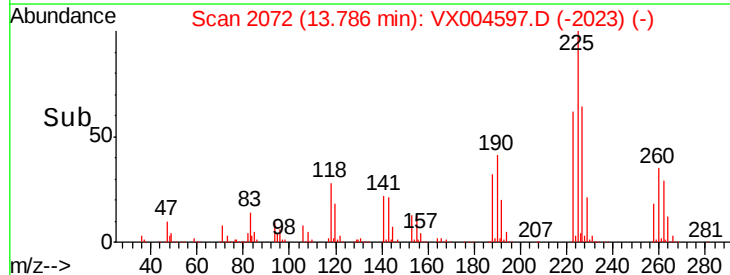
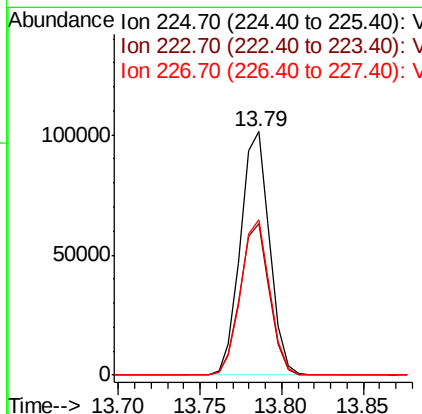
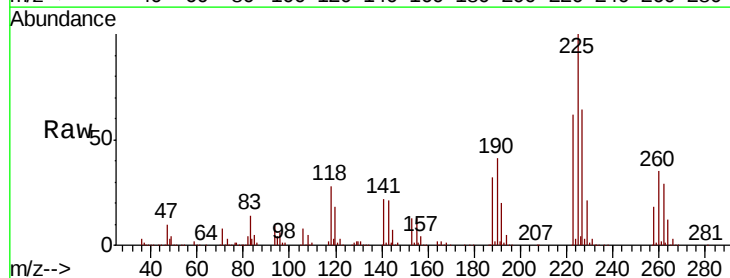
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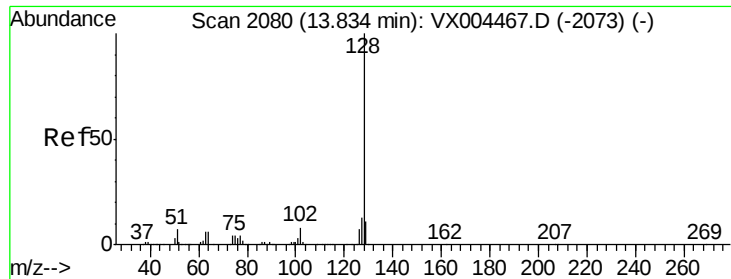
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#94
 Hexachlorobutadiene
 Concen: 50.68 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004597.D
 Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125934		
223	62.6	30.1	90.5	
227	64.0	30.8	92.4	





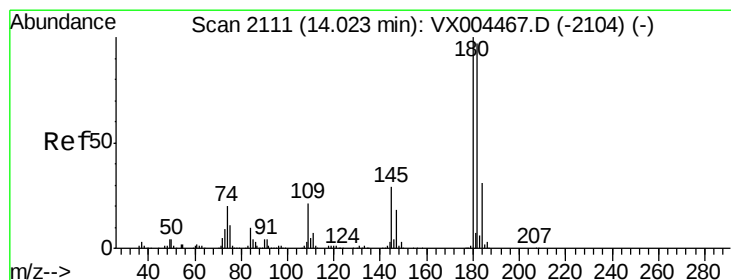
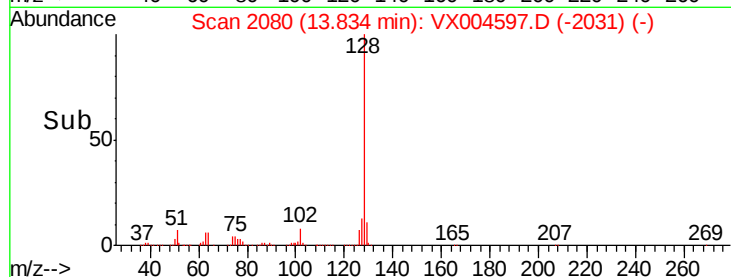
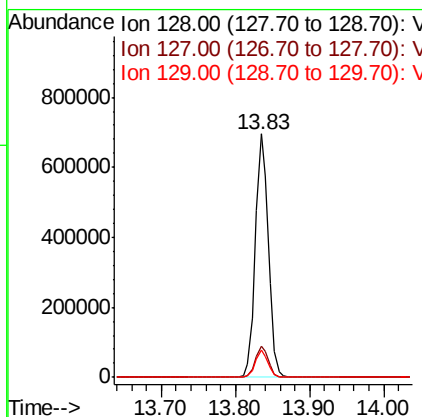
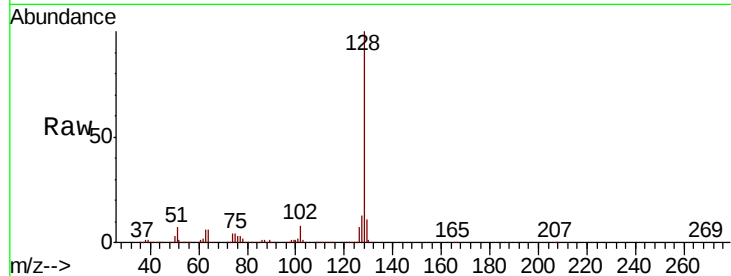
#95
Naphthalene
Concen: 64.04 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.72 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004597.D
Acq: 15 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.5	145.6
145	29.5	14.9	44.9

