

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024246.D
 Acq On : 15 Sep 2021 07:12
 Operator : JC/MD
 Sample : M3724-20 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33136

Quant Time: Sep 15 07:57:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

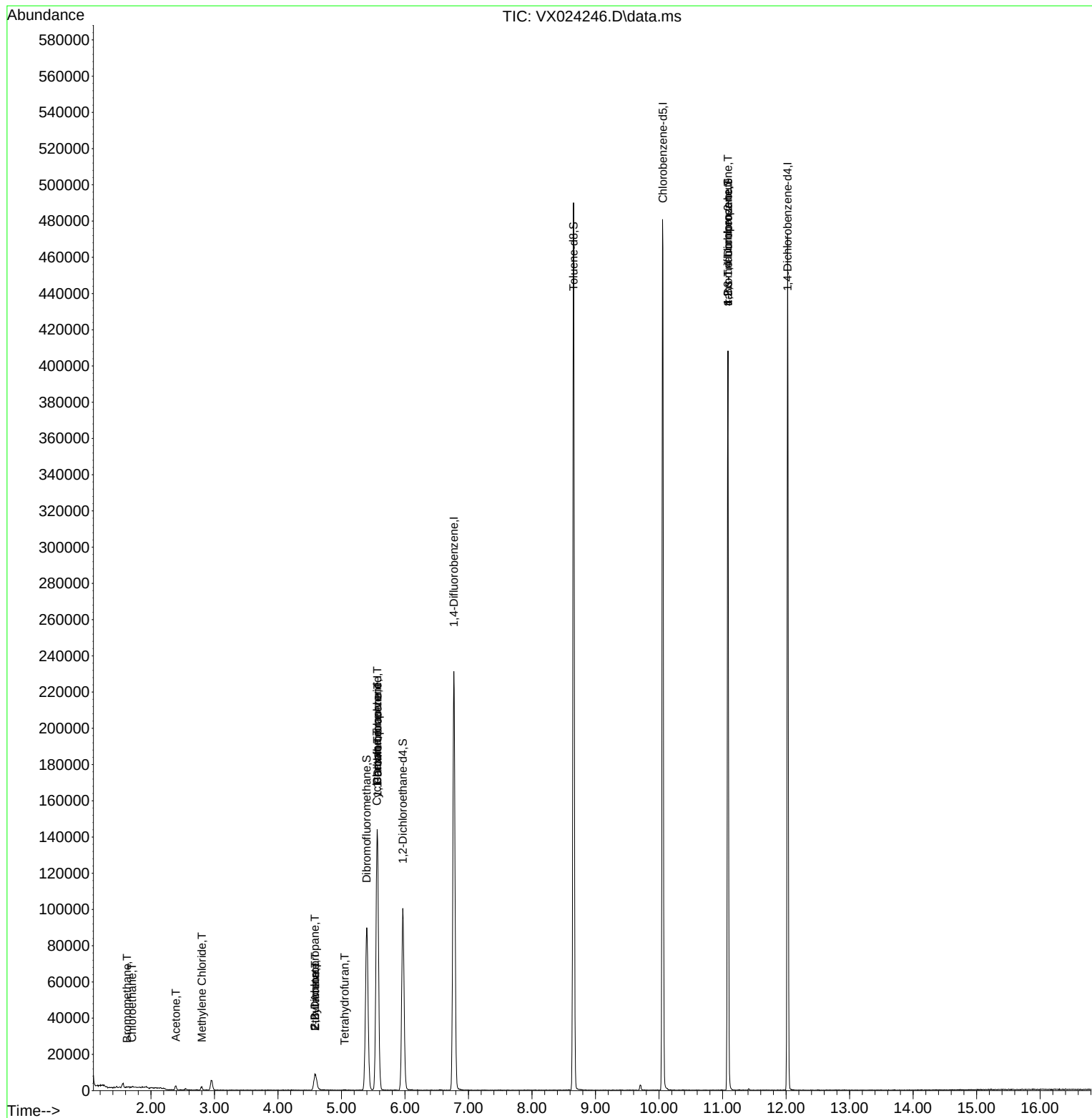
Internal Standards						
1) Pentafluorobenzene	5.562	168	132871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	217655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100801	53.202	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.400%			
35) Dibromofluoromethane	5.397	113	77512	50.454	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	8.653	98	281786	50.349	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.700%			
62) 4-Bromofluorobenzene	11.085	95	101879	46.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.560%			
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	169	0.214	ug/l #	75
6) Chloroethane	1.703	64	402	2.358	ug/l #	83
11) Tert butyl alcohol	2.947	59	3370	Below Cal	#	73
16) Acetone	2.392	43	2713	3.358	ug/l #	85
20) Methylene Chloride	2.800	84	837	0.540	ug/l #	87
25) 2-Butanone	4.587	43	639	0.537	ug/l #	45
26) 2,2-Dichloropropane	4.580	77	573	0.255	ug/l #	52
29) Tetrahydrofuran	5.050	42	180	0.242	ug/l #	27
31) Cyclohexane	5.556	56	2970	1.340	ug/l #	15
36) 1,1-Dichloropropene	5.568	75	11038	5.241	ug/l #	44
37) Ethyl Acetate	4.587	43	639	0.260	ug/l #	1
38) Carbon Tetrachloride	5.562	117	13917	5.871	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	55661	25.782	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55661	75.824	ug/l #	12

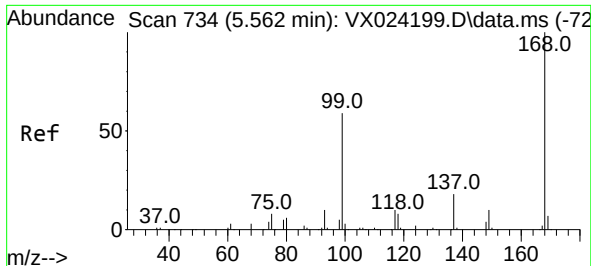
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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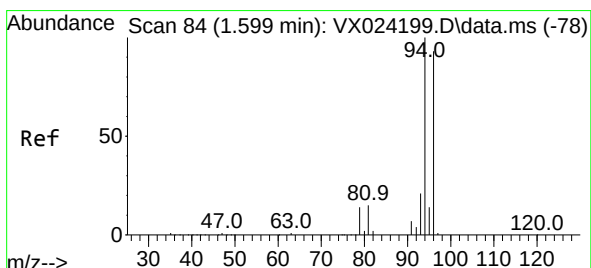
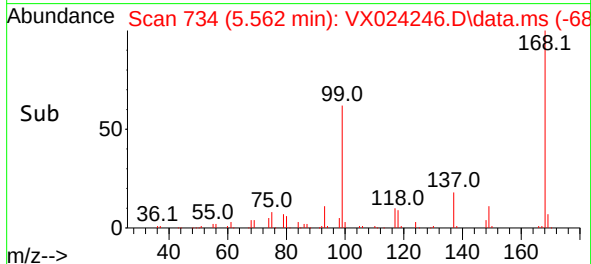
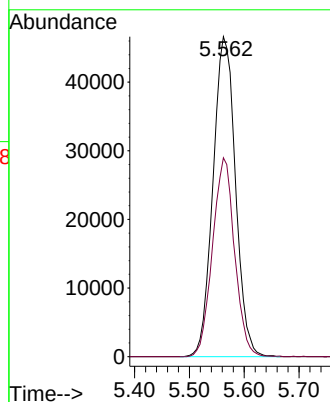
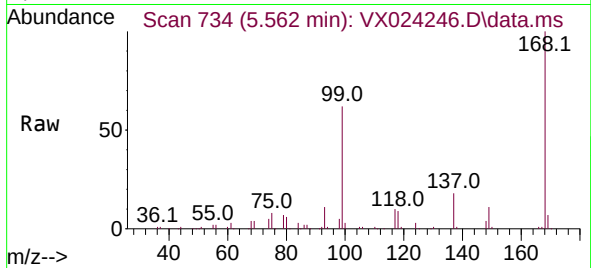




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

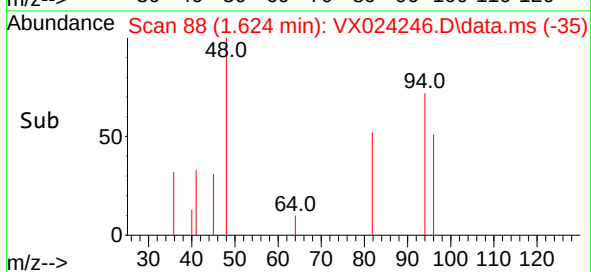
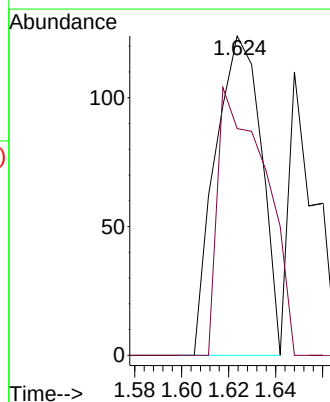
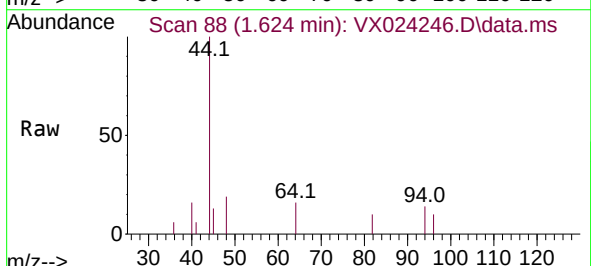
Instrument :
MSVOA_X
ClientSampled :
33136

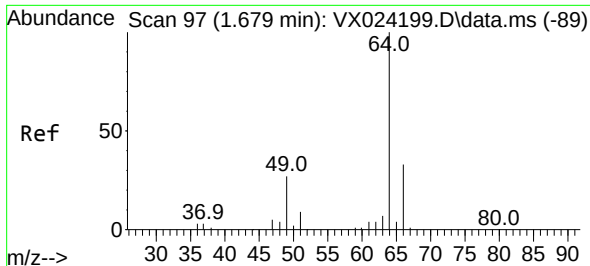
Tgt Ion:168 Resp: 132871
Ion Ratio Lower Upper
168 100
99 62.2 45.8 68.6



#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 71.0 76.4 114.6#

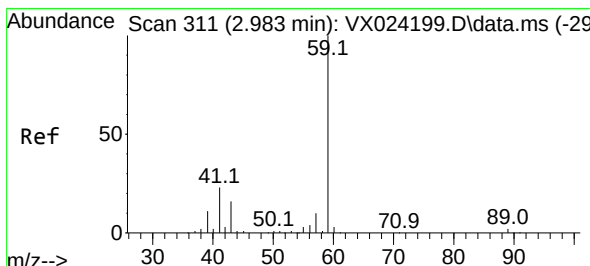
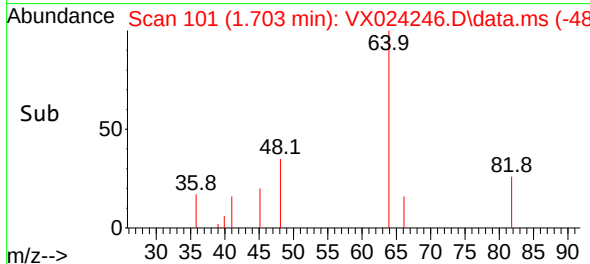
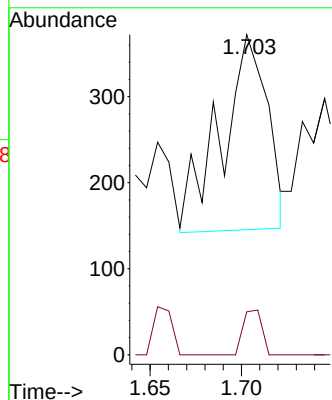
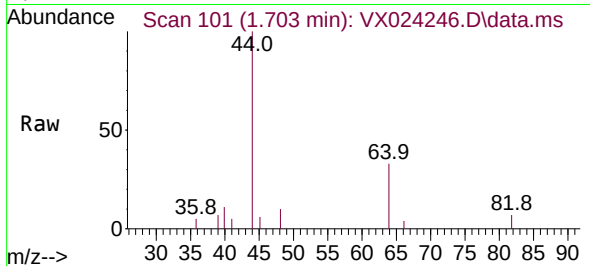




#6
Chloroethane
Concen: 2.358 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

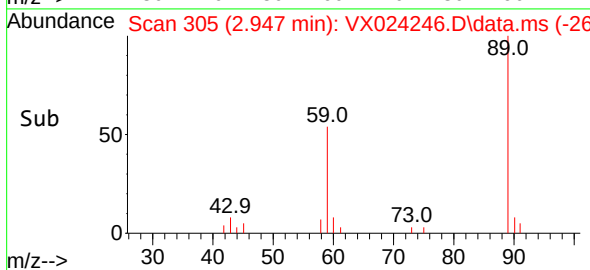
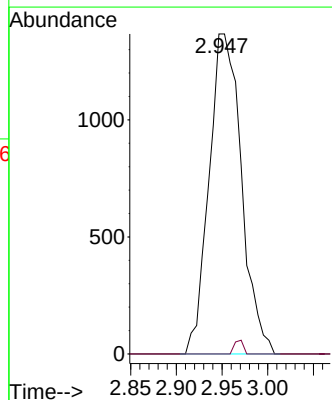
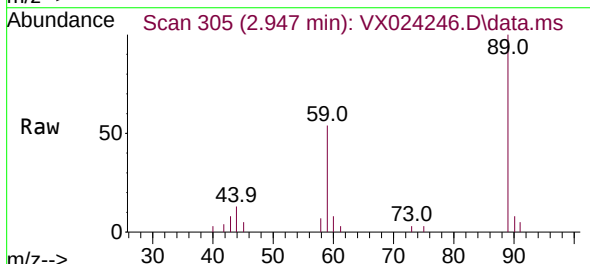
Instrument :
MSVOA_X
ClientSampled :
33136

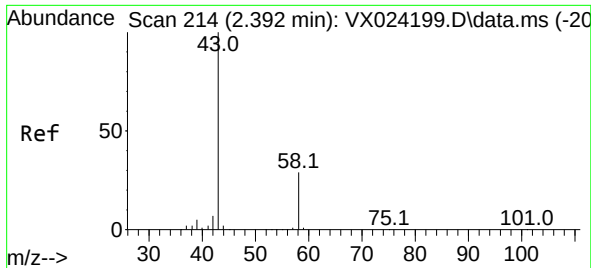
Tgt Ion: 64 Resp: 402
Ion Ratio Lower Upper
64 100
66 22.2 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

Tgt Ion: 59 Resp: 3370
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

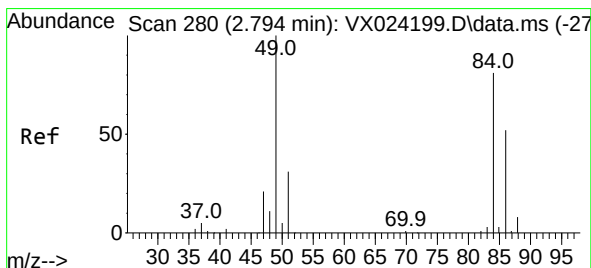
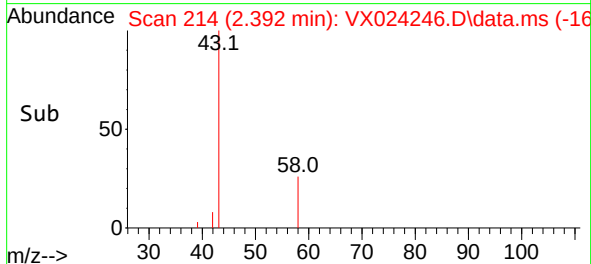
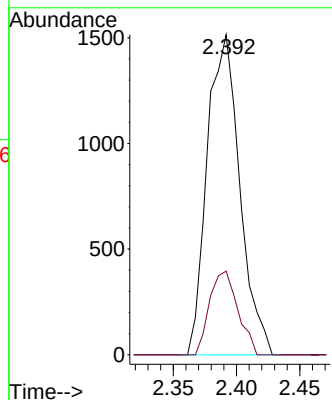
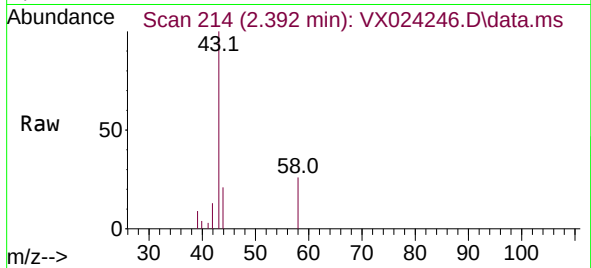




#16
Acetone
Concen: 3.358 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

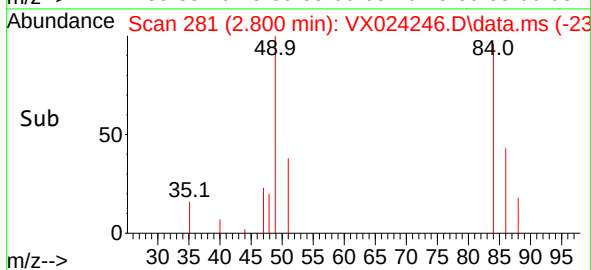
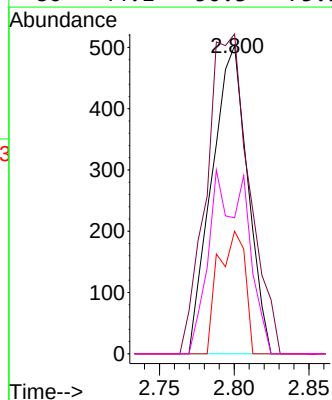
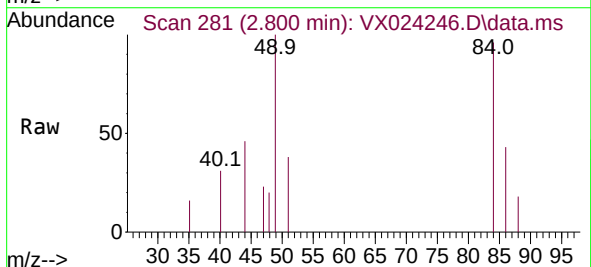
Instrument :
MSVOA_X
ClientSampled :
33136

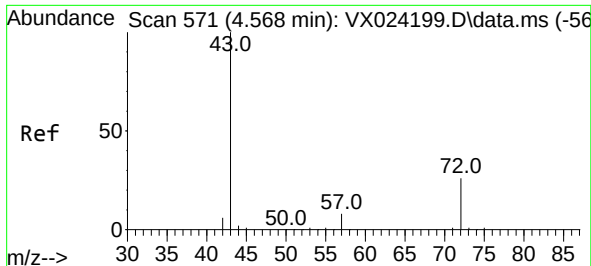
Tgt Ion: 43 Resp: 2713
Ion Ratio Lower Upper
43 100
58 26.1 27.8 41.8#



#20
Methylene Chloride
Concen: 0.540 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

Tgt Ion: 84 Resp: 837
Ion Ratio Lower Upper
84 100
49 103.8 88.6 132.8
51 39.8 27.0 40.6
86 44.1 50.3 75.5#

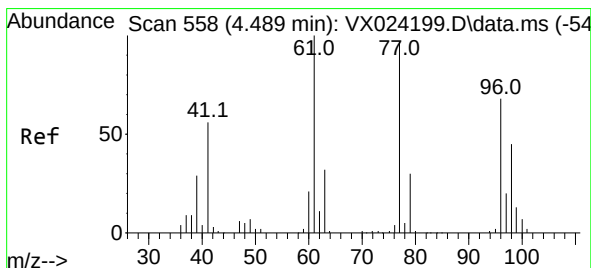
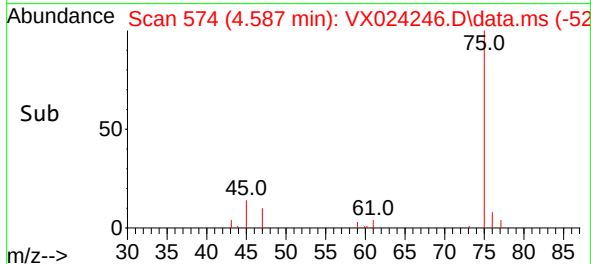
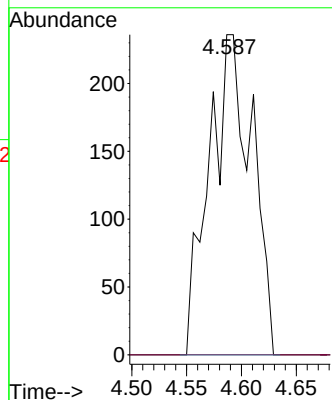
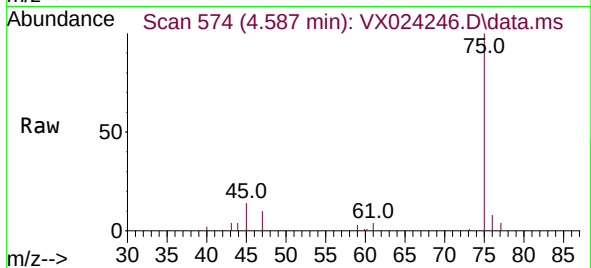




#25
2-Butanone
Concen: 0.537 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

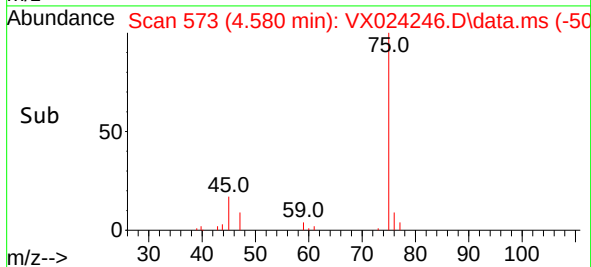
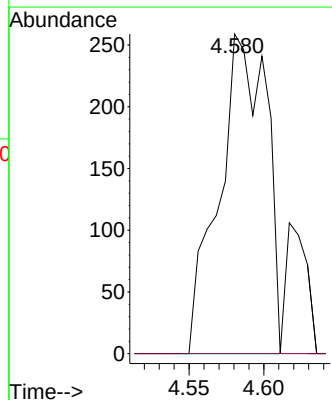
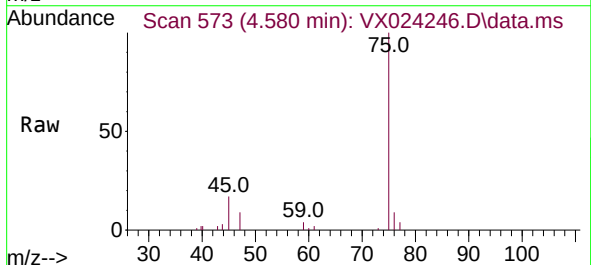
Instrument :
MSVOA_X
ClientSampled :
33136

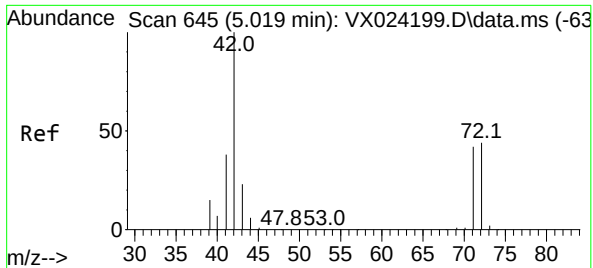
Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.255 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.091 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

Tgt Ion: 77 Resp: 573
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#29

Tetrahydrofuran

Concen: 0.242 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.031 min

Lab File: VX024246.D

Acq: 15 Sep 2021 07:12

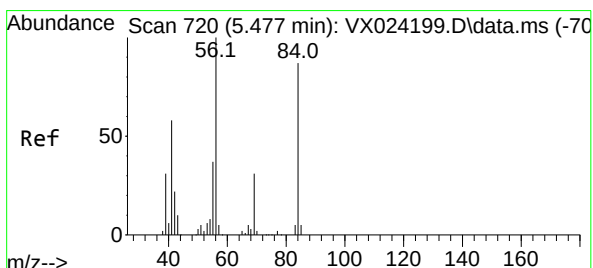
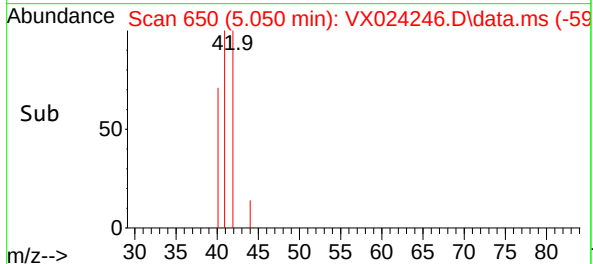
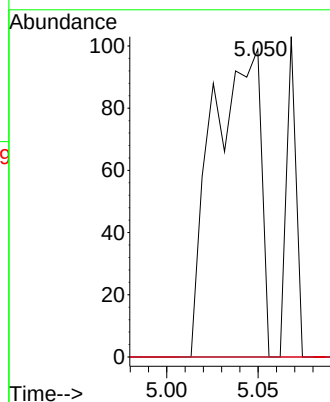
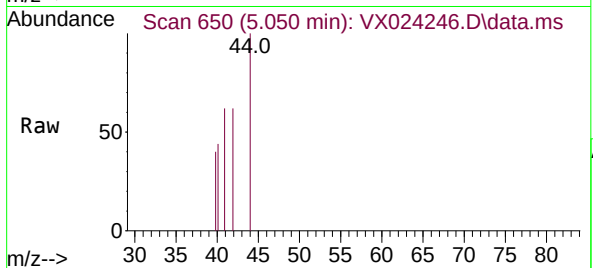
Instrument :

MSVOA_X

ClientSampled :

33136

Tgt Ion:	42	Resp:	180
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.340 ug/l

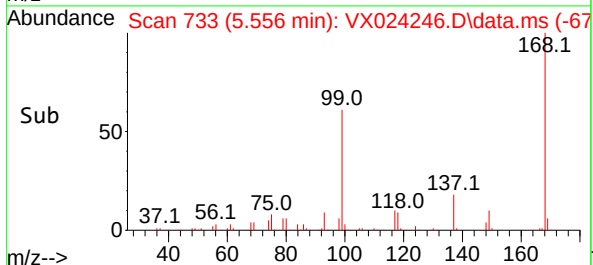
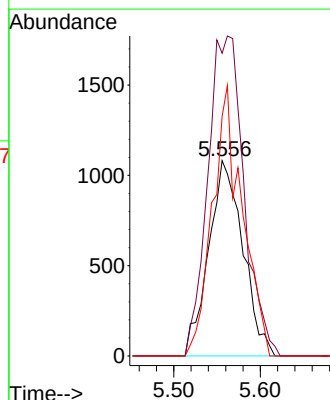
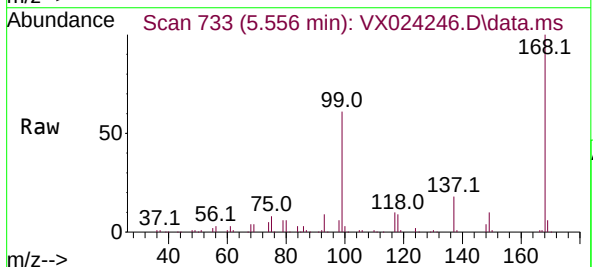
RT: 5.556 min Scan# 733

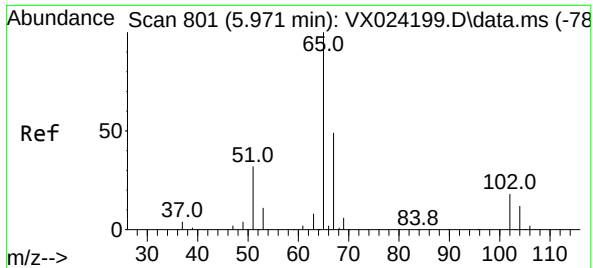
Delta R.T. 0.079 min

Lab File: VX024246.D

Acq: 15 Sep 2021 07:12

Tgt Ion:	56	Resp:	2970
Ion	Ratio	Lower	Upper
56	100		
69	154.9	25.3	37.9#
84	122.6	71.4	107.0#

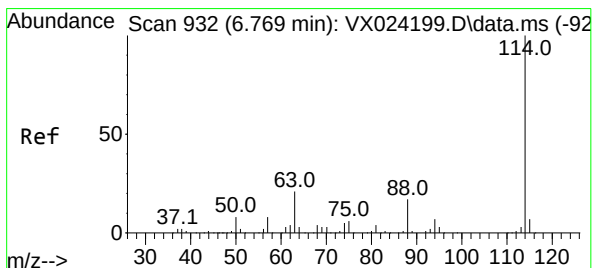
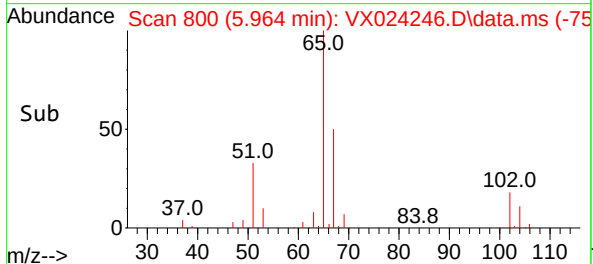
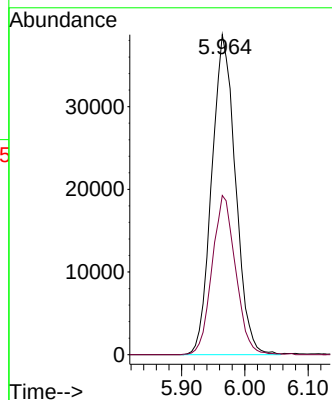
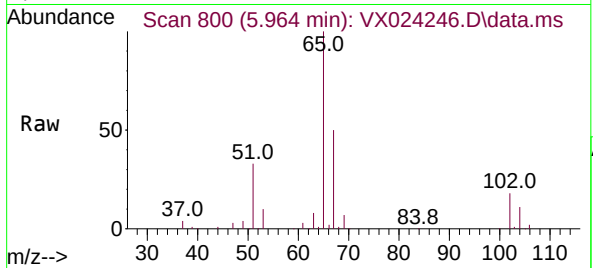




#33
1,2-Dichloroethane-d4
Concen: 53.202 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

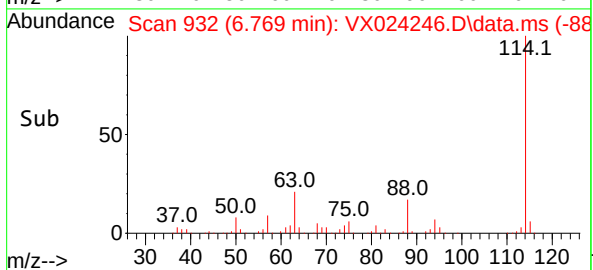
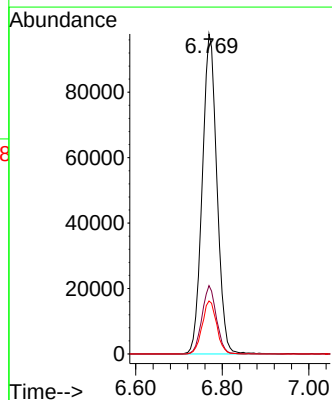
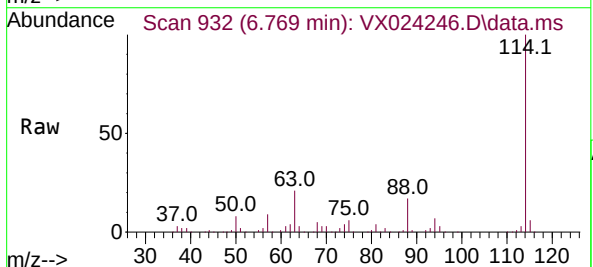
Instrument :
MSVOA_X
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33136

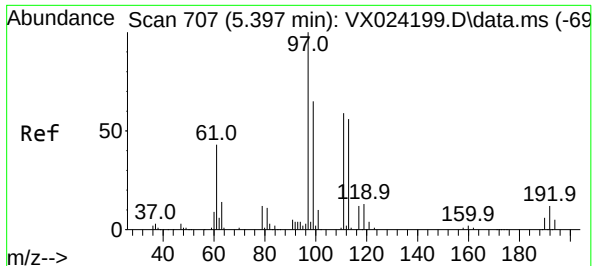
Tgt Ion: 65 Resp: 100801
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

Tgt Ion: 114 Resp: 229079
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.6 0.0 32.8

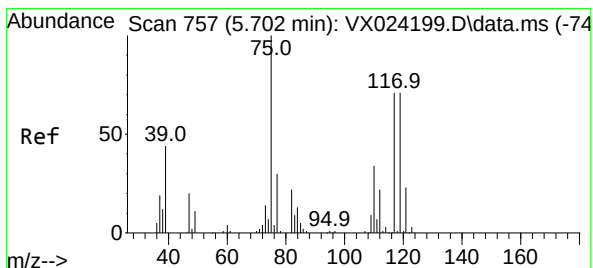
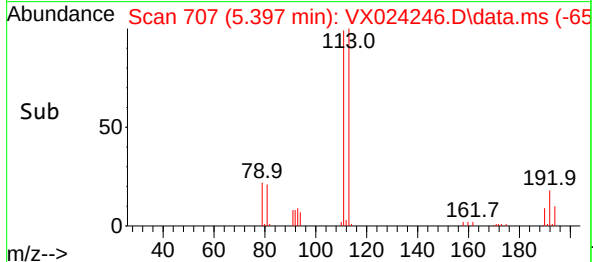
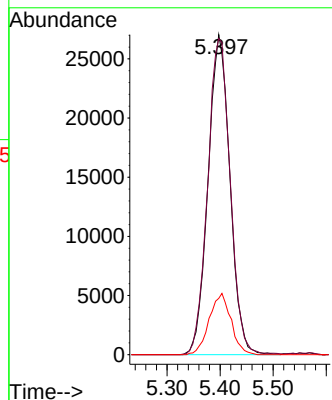
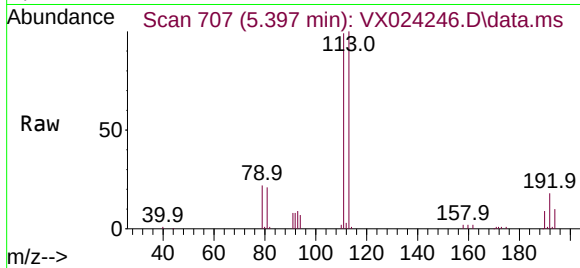




#35
Dibromofluoromethane
Concen: 50.454 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

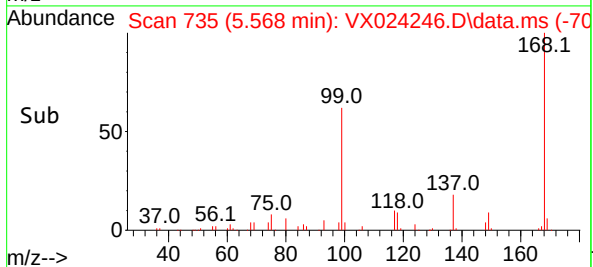
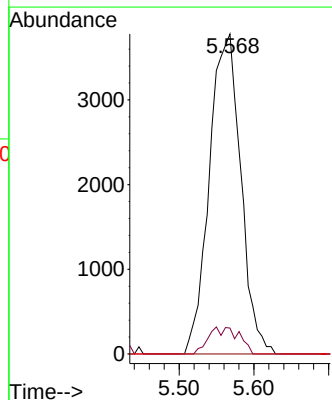
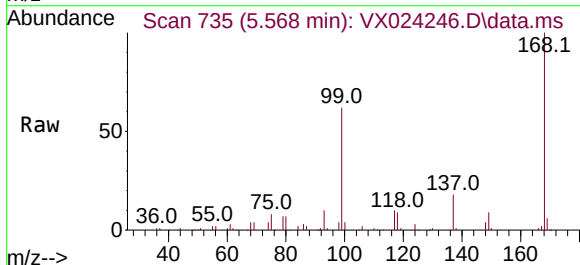
Instrument :
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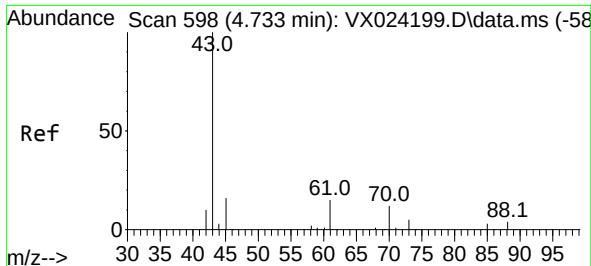
Tgt Ion:113 Resp: 77512
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.241 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

Tgt Ion: 75 Resp: 11038
Ion Ratio Lower Upper
75 100
110 3.7 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.260 ug/l

RT: 4.587 min Scan# 574

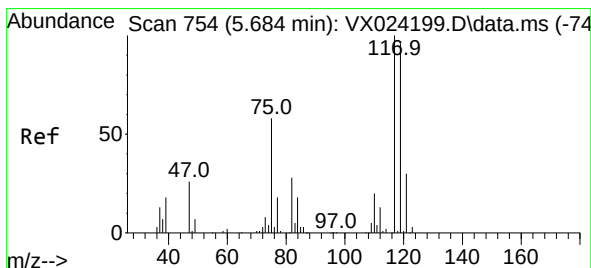
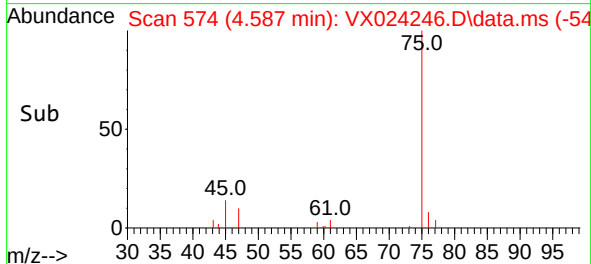
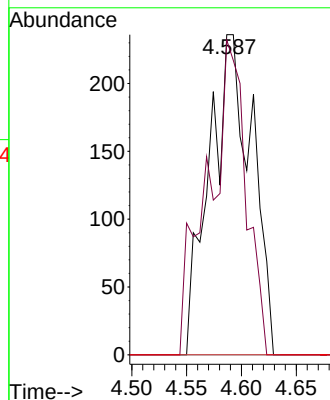
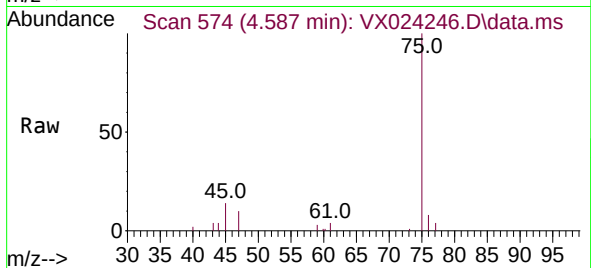
Delta R.T. -0.146 min

Lab File: VX024246.D

Acq: 15 Sep 2021 07:12

Instrument :
MSVOA_X
ClientSampled :
33136

Tgt Ion:	43	Resp:	639
Ion	Ratio	Lower	Upper
43	100		
61	88.1	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 5.871 ug/l

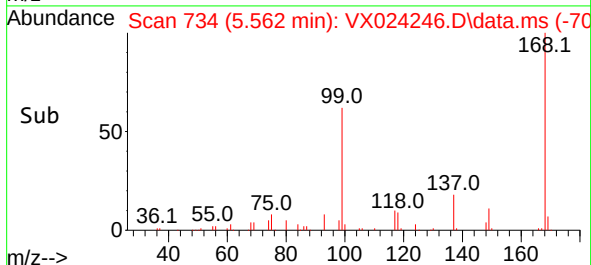
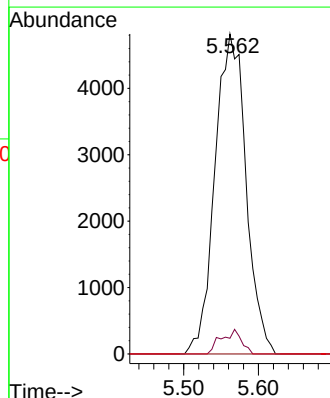
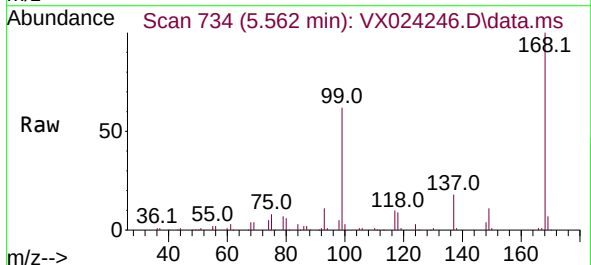
RT: 5.562 min Scan# 734

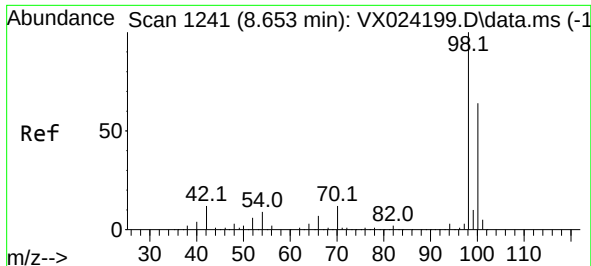
Delta R.T. -0.122 min

Lab File: VX024246.D

Acq: 15 Sep 2021 07:12

Tgt Ion:	117	Resp:	13917
Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.2	114.2#
121	0.0	24.8	37.2#

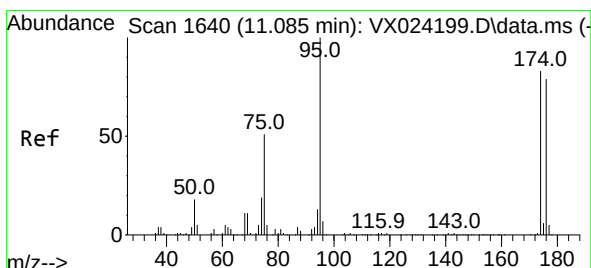
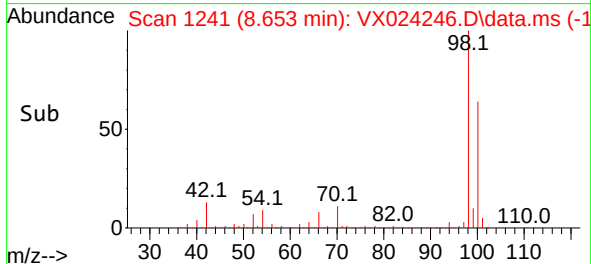
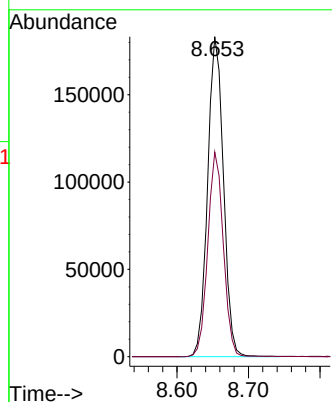
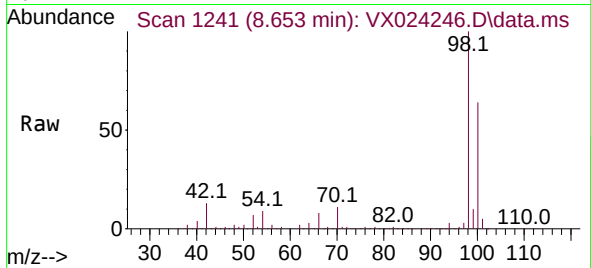




#50
Toluene-d8
Concen: 50.349 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

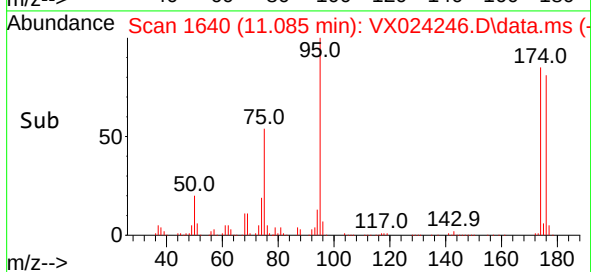
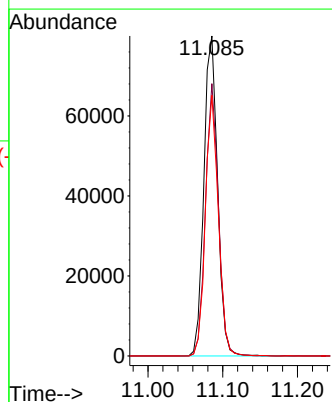
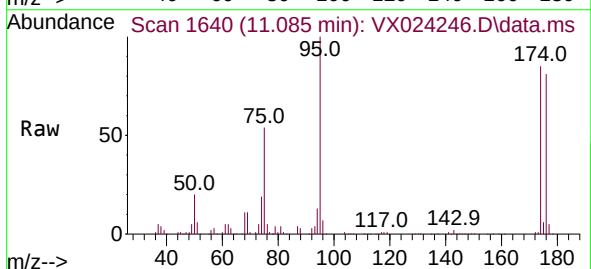
Instrument :
MSVOA_X
ClientSampled :
33136

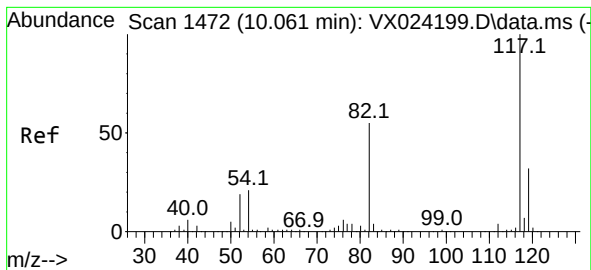
Tgt Ion: 98 Resp: 281786
Ion Ratio Lower Upper
98 100
100 62.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.776 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

Tgt Ion: 95 Resp: 101879
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 77.3 0.0 155.8

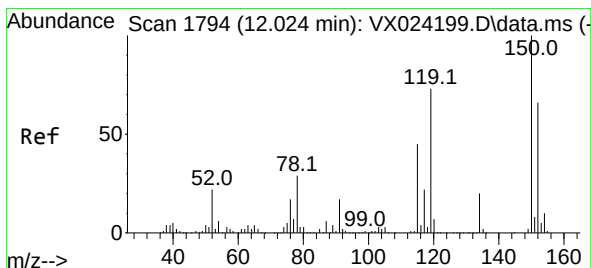
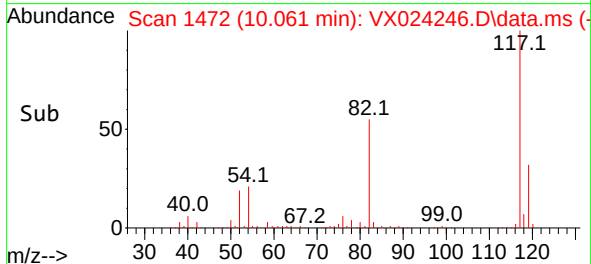
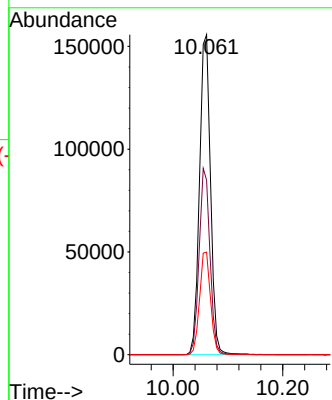
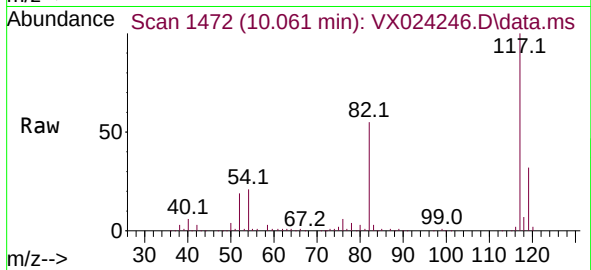




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

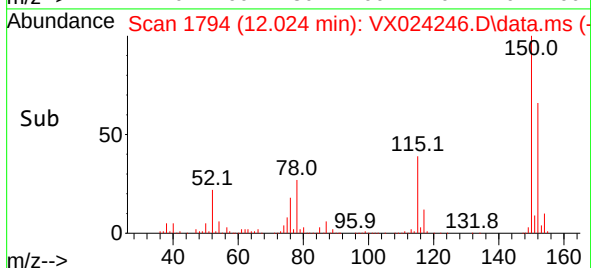
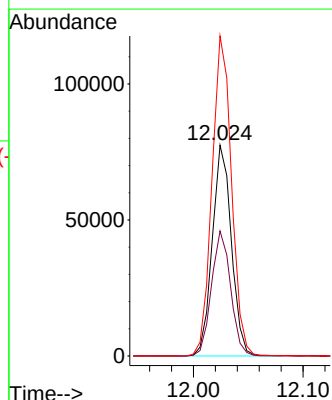
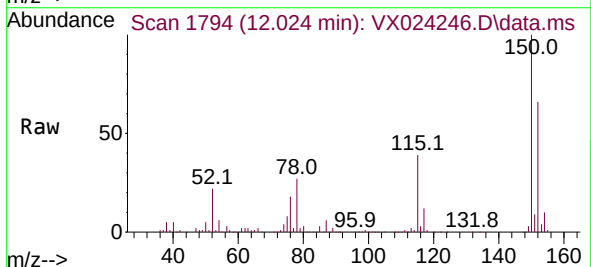
Instrument :
MSVOA_X
ClientSampled :
33136

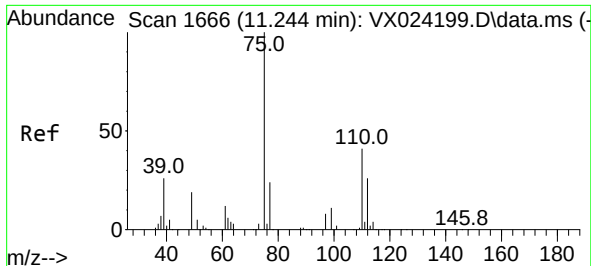
Tgt Ion:117 Resp: 217655
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

Tgt Ion:152 Resp: 93891
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 155.0 0.0 349.0

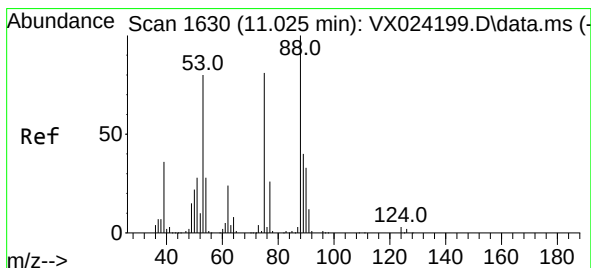
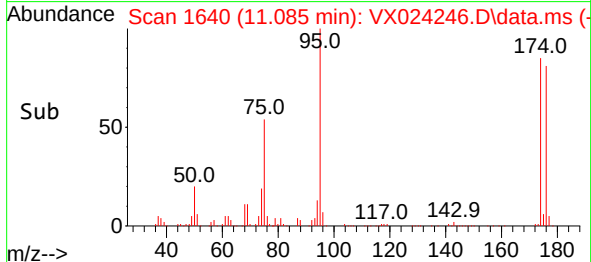
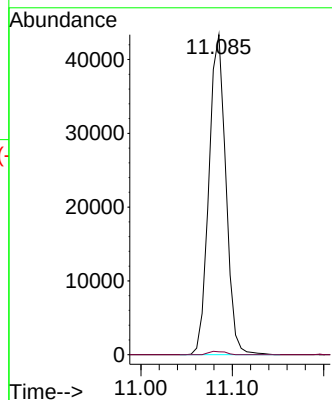
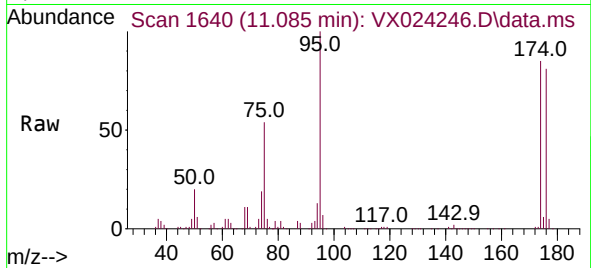




#76
1,2,3-Trichloropropane
Concen: 25.782 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

Instrument :
MSVOA_X
ClientSampled :
33136

Tgt Ion: 75 Resp: 55661
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.824 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024246.D
Acq: 15 Sep 2021 07:12

Tgt Ion: 75 Resp: 55661
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

