

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022541.D
 Acq On : 07 Jun 2021 18:04
 Operator : JC/MD
 Sample : M2583-21 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-41

Quant Time: Jun 07 18:36:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

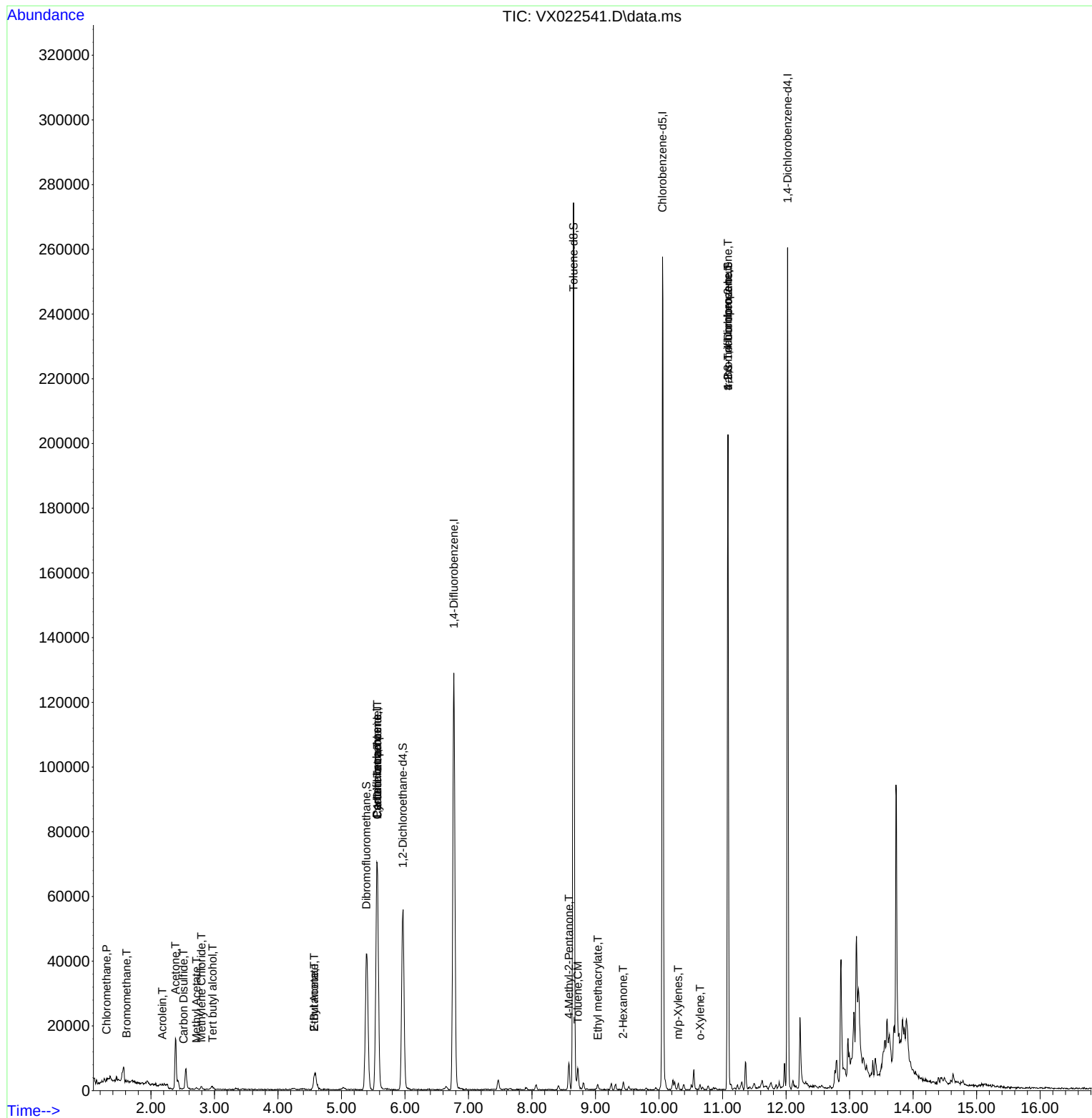
Internal Standards						
1) Pentafluorobenzene	5.556	168	60964	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	125519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51097	47.147	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.300%		
35) Dibromofluoromethane	5.391	113	37174	47.336	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.680%		
50) Toluene-d8	8.653	98	153961	49.134	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.260%		
62) 4-Bromofluorobenzene	11.085	95	54256	46.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.160%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	193	0.225	ug/l	# 42
5) Bromomethane	1.617	94	182	0.413	ug/l	92
11) Tert butyl alcohol	2.971	59	1085	4.463	ug/l	# 81
13) Acrolein	2.178	56	25	3.332	ug/l	# 1
16) Acetone	2.386	43	16168	33.200	ug/l	94
17) Carbon Disulfide	2.514	76	277	3.517	ug/l	# 75
18) Methyl Acetate	2.715	43	731	0.544	ug/l	# 82
20) Methylene Chloride	2.794	84	405	0.398	ug/l	# 87
25) 2-Butanone	4.568	43	5833	7.247	ug/l	95
31) Cyclohexane	5.562	56	1677	1.308	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	6072	5.001	ug/l	# 49
37) Ethyl Acetate	4.568	43	5833	3.745	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	7122	8.135	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.580	43	5652	3.591	ug/l	90
52) Toluene	8.720	92	1933	0.821	ug/l	98
56) Ethyl methacrylate	9.037	69	36	2.721	ug/l	# 1
59) 2-Hexanone	9.433	43	1530	1.272	ug/l	89
68) m/p-Xylenes	10.299	106	561	0.364	ug/l	96
69) o-Xylene	10.646	106	449	0.298	ug/l	71
76) 1,2,3-Trichloropropane	11.085	75	29076	25.073	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29076	62.029	ug/l	# 12

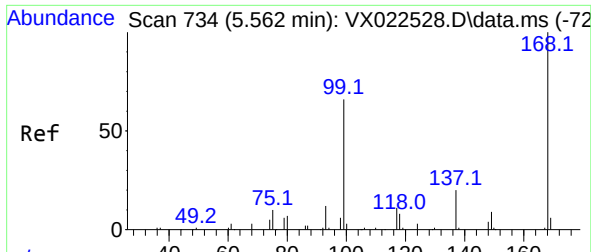
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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39-41

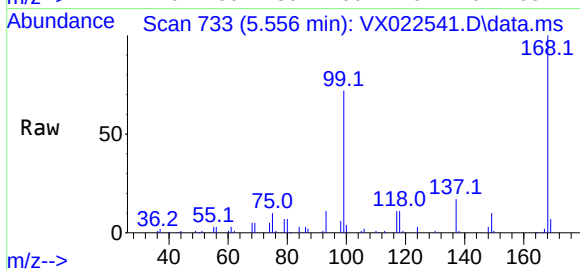
Quant Time: Jun 07 18:36:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



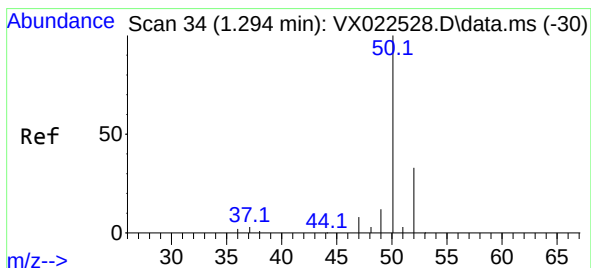
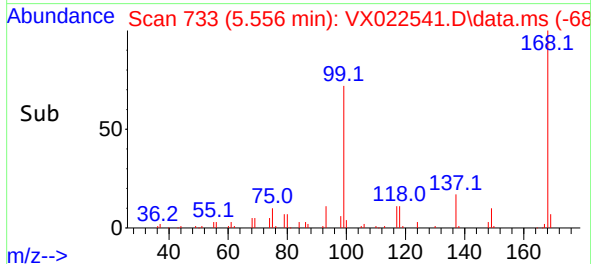
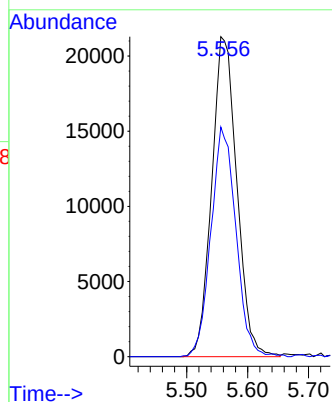


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

Instrument :
MSVOA_X
ClientSampleId :
39-41

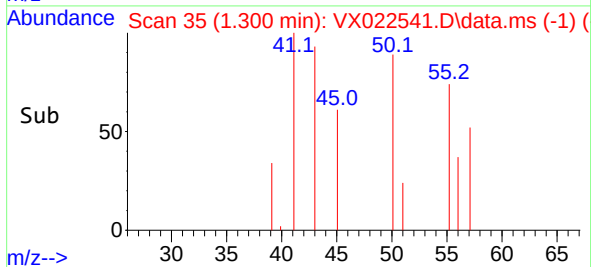
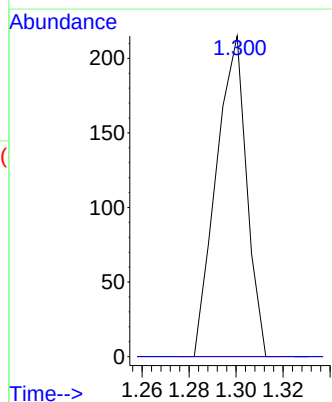
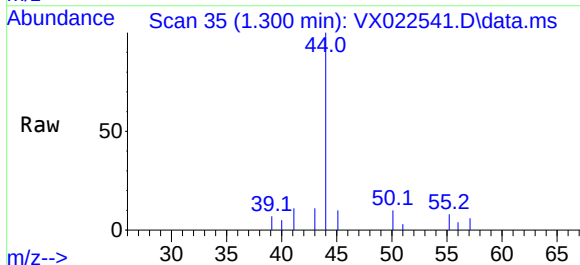


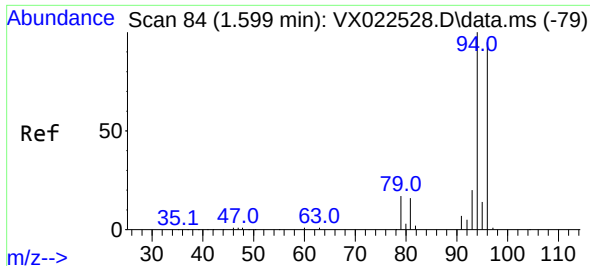
Tgt Ion:168 Resp: 60964
Ion Ratio Lower Upper
168 100
99 71.8 45.8 68.6#



#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

Tgt Ion: 50 Resp: 193
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

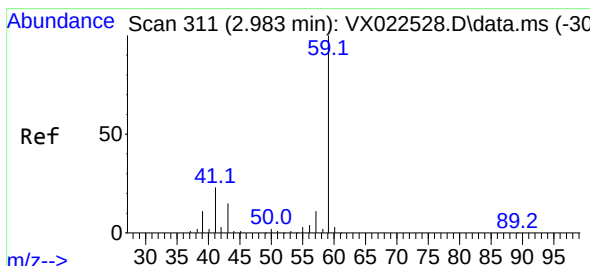
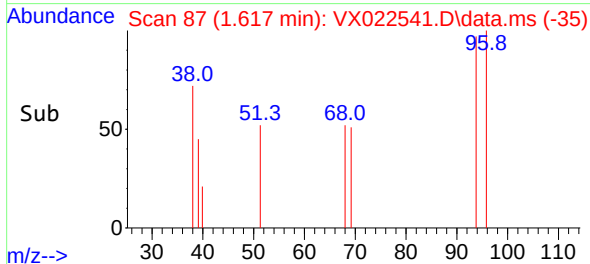
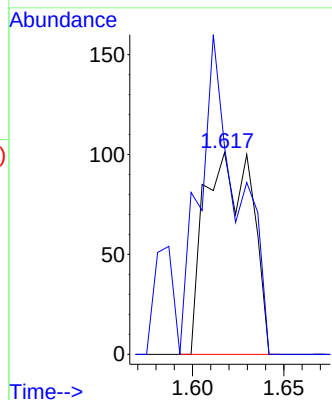
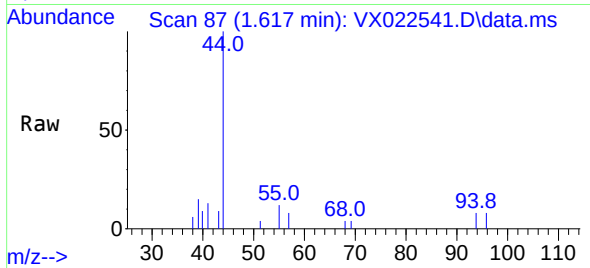




#5
Bromomethane
Concen: 0.413 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

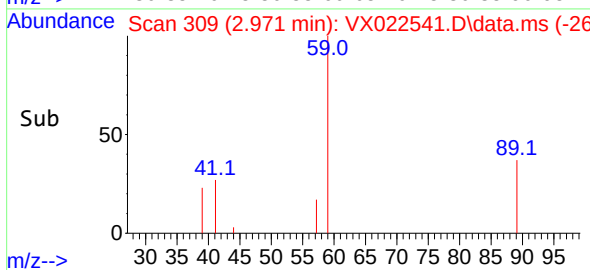
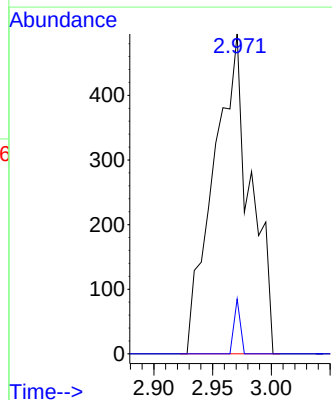
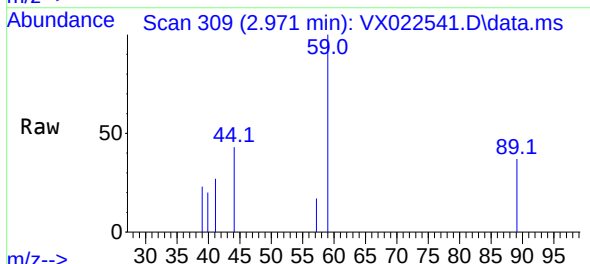
Instrument :
MSVOA_X
ClientSampled :
39-41

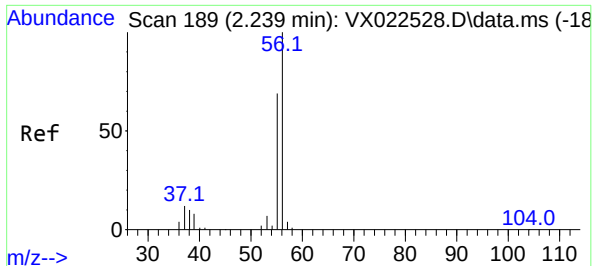
Tgt Ion: 94 Resp: 182
Ion Ratio Lower Upper
94 100
96 103.0 76.4 114.6



#11
Tert butyl alcohol
Concen: 4.463 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

Tgt Ion: 59 Resp: 1085
Ion Ratio Lower Upper
59 100
57 2.9 7.8 11.8#





#13

Acrolein

Concen: 3.332 ug/l

RT: 2.178 min Scan# 179

Delta R.T. -0.061 min

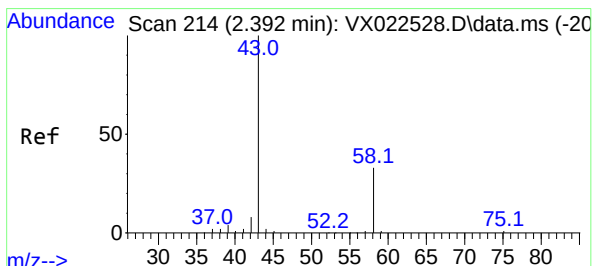
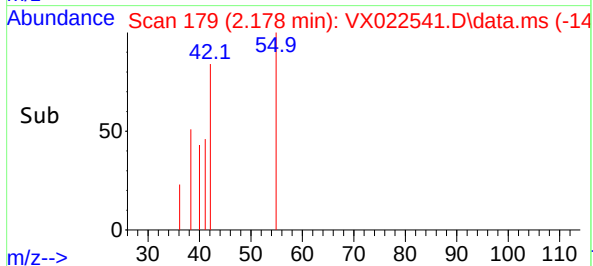
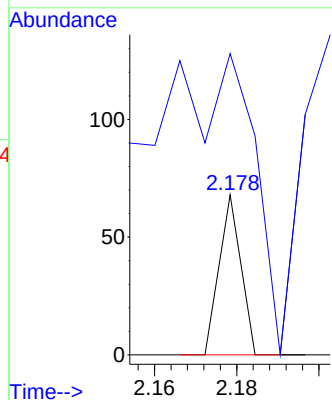
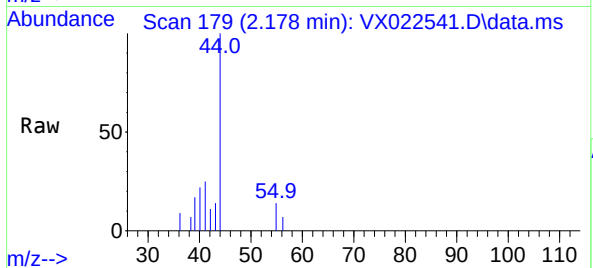
Lab File: VX022541.D

Acq: 07 Jun 2021 18:04

Tgt Ion: 56 Resp: 25

Ion	Ratio	Lower	Upper
56	100		
55	1304.0	56.4	84.6#

Instrument :
MSVOA_X
ClientSampleId :
39-41



#16

Acetone

Concen: 33.200 ug/l

RT: 2.386 min Scan# 213

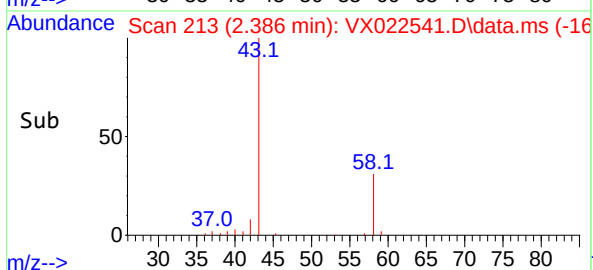
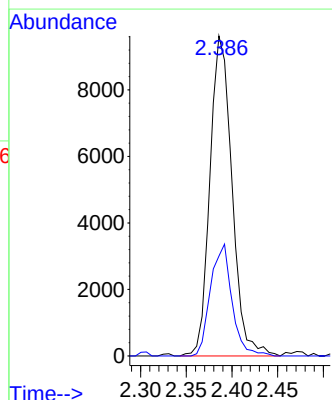
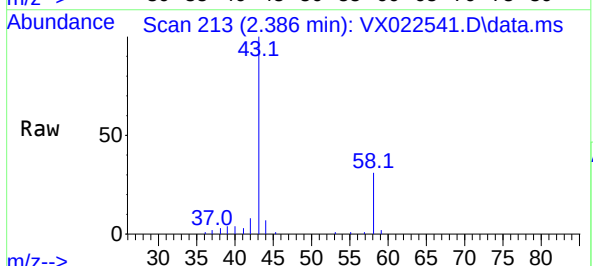
Delta R.T. -0.006 min

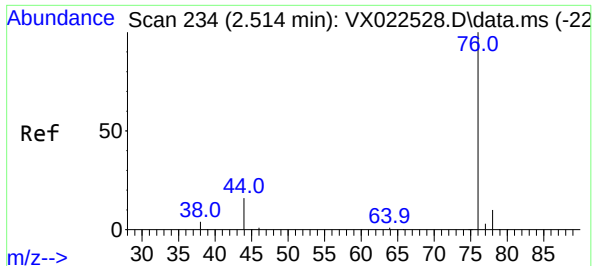
Lab File: VX022541.D

Acq: 07 Jun 2021 18:04

Tgt Ion: 43 Resp: 16168

Ion	Ratio	Lower	Upper
43	100		
58	31.2	27.8	41.8

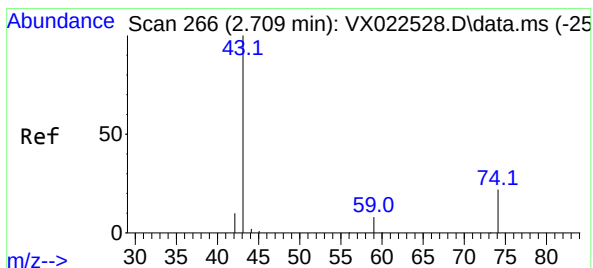
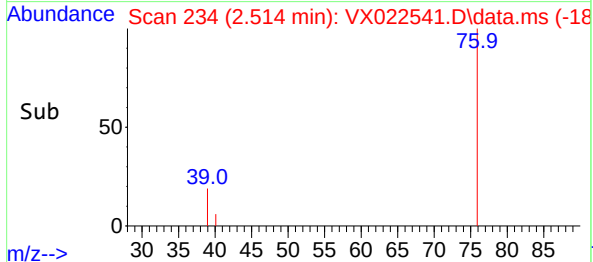
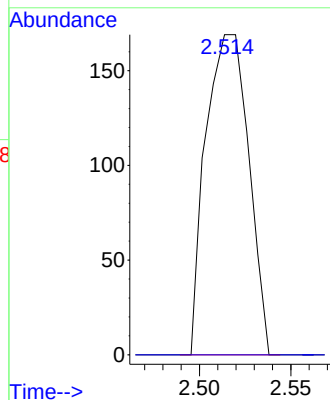
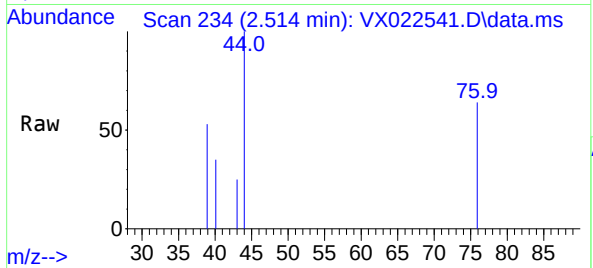




#17
Carbon Disulfide
Concen: 3.517 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

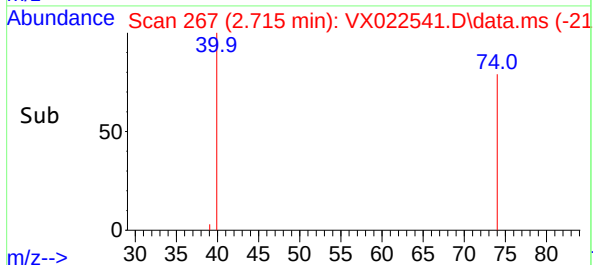
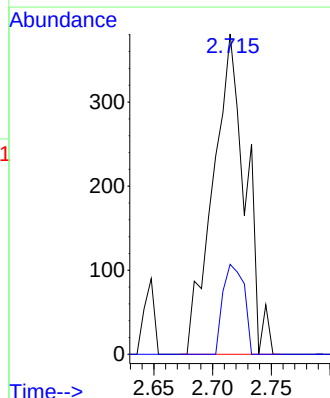
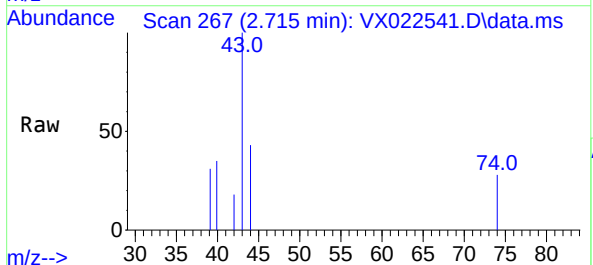
Instrument :
MSVOA_X
ClientSampleId :
39-41

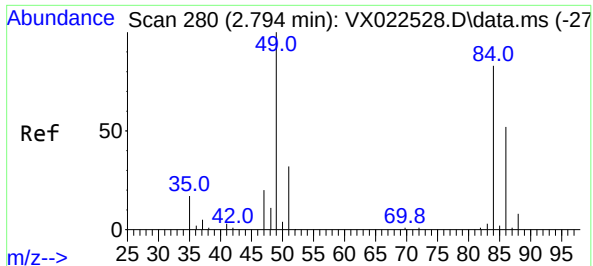
Tgt Ion: 76 Resp: 277
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.544 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
74 18.2 21.9 32.9#





#20

Methylene Chloride

Concen: 0.398 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022541.D

Acq: 07 Jun 2021 18:04

Instrument :

MSVOA_X

ClientSampleId :

39-41

Tgt Ion: 84 Resp: 405

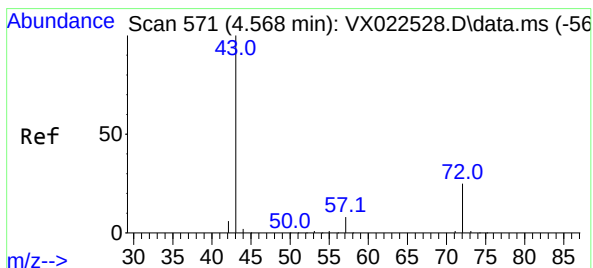
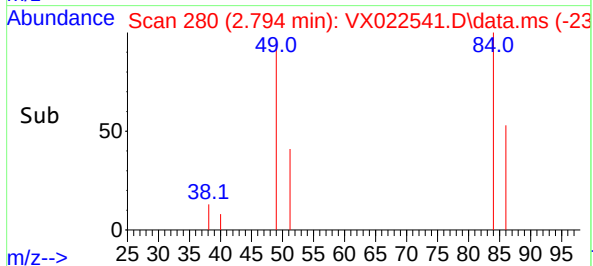
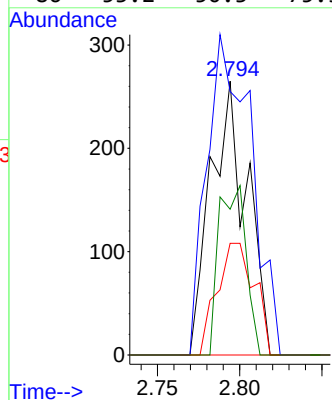
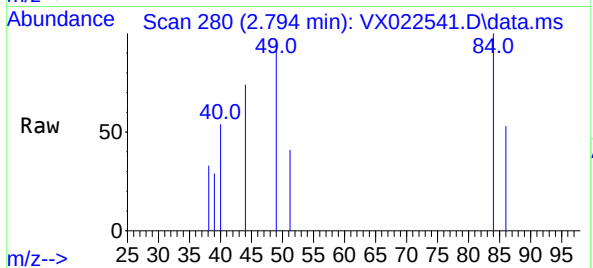
Ion Ratio Lower Upper

84 100

49 96.2 88.6 132.8

51 40.8 27.0 40.6#

86 53.2 50.3 75.5



#25

2-Butanone

Concen: 7.247 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX022541.D

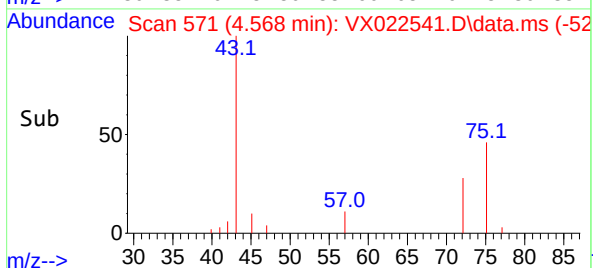
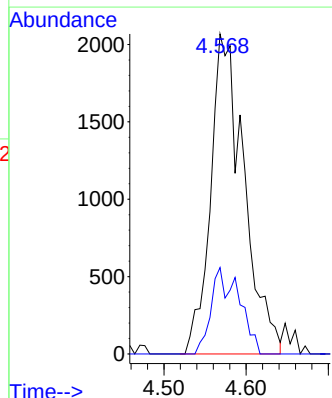
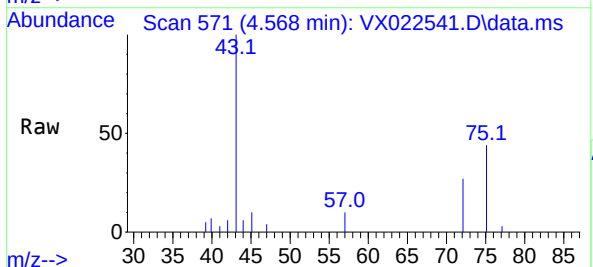
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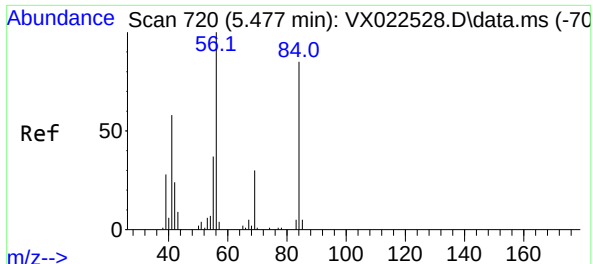
Tgt Ion: 43 Resp: 5833

Ion Ratio Lower Upper

43 100

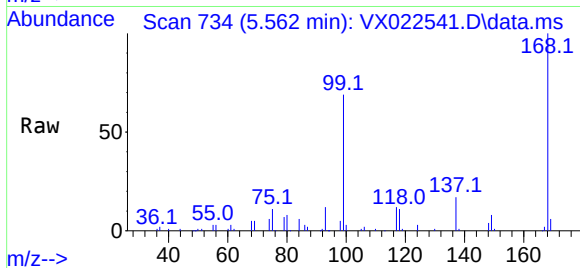
72 27.0 23.7 35.5



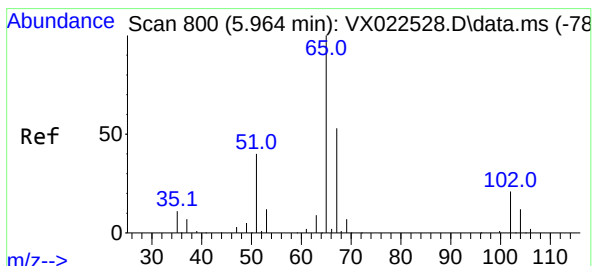
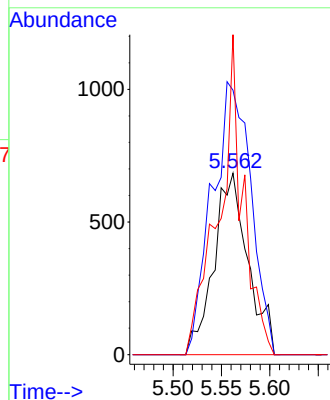
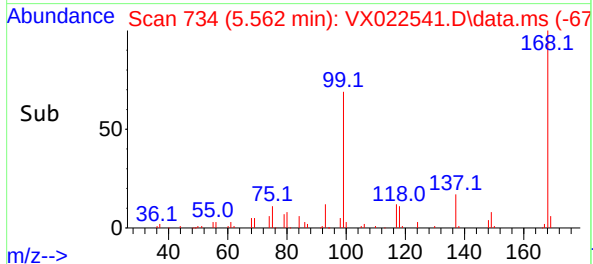


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

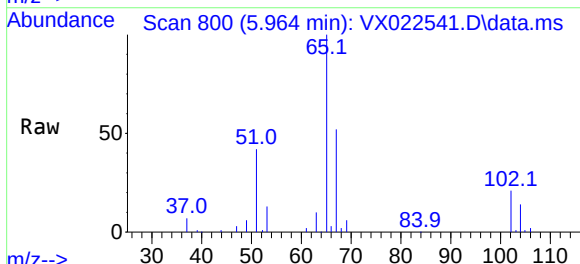
Instrument :
MSVOA_X
ClientSampled :
39-41



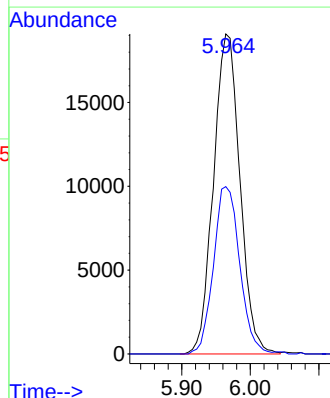
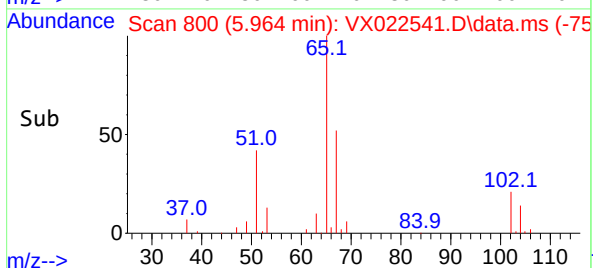
Tgt Ion: 56 Resp: 1677
Ion Ratio Lower Upper
56 100
69 145.8 25.3 37.9#
84 176.3 71.4 107.0#

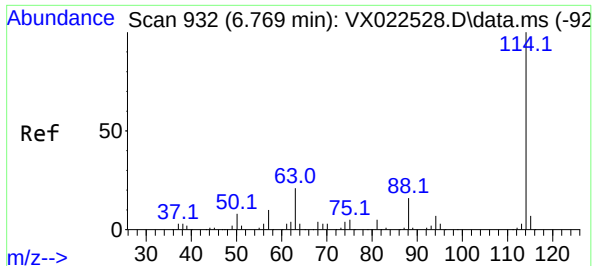


#33
1,2-Dichloroethane-d4
Concen: 47.147 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04



Tgt Ion: 65 Resp: 51097
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

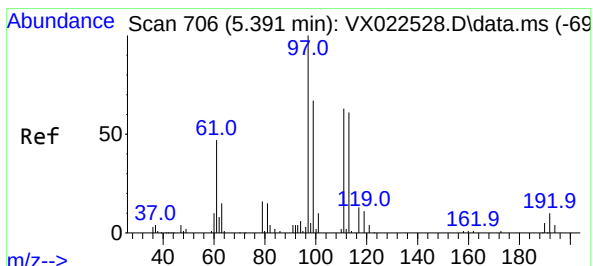
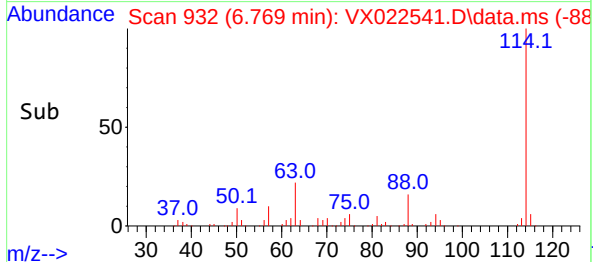
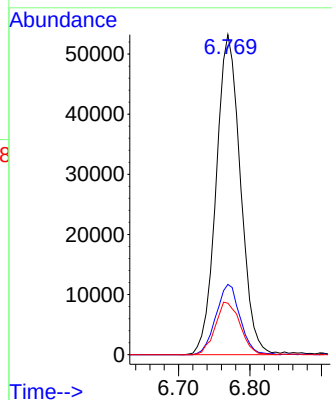
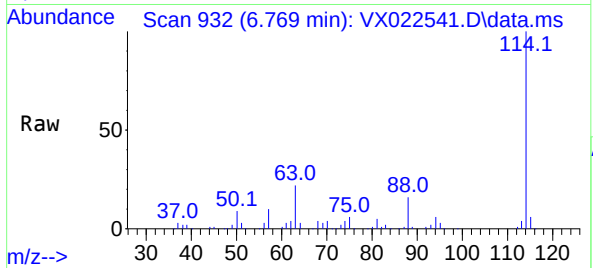




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

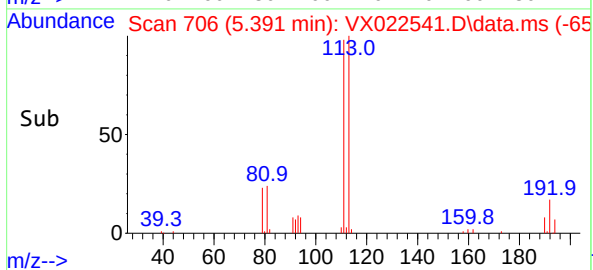
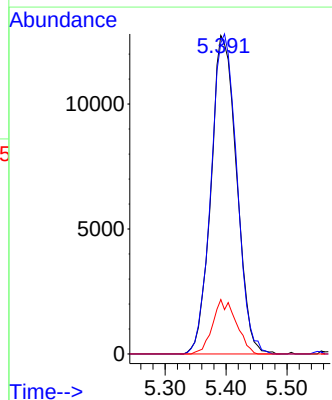
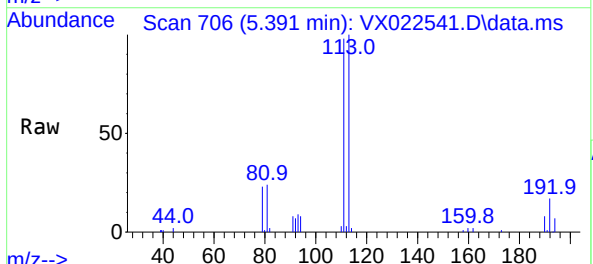
Instrument :
MSVOA_X
ClientSampled :
39-41

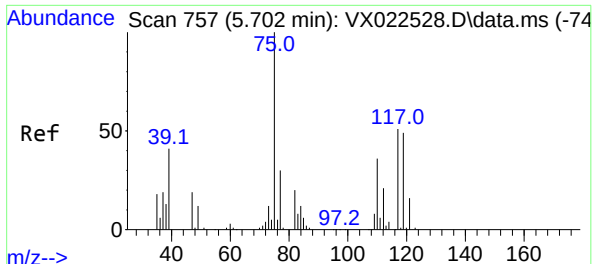
Tgt Ion:114 Resp: 125519
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.336 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

Tgt Ion:113 Resp: 37174
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 15.8 16.7 25.1#





#36

1,1-Dichloropropene

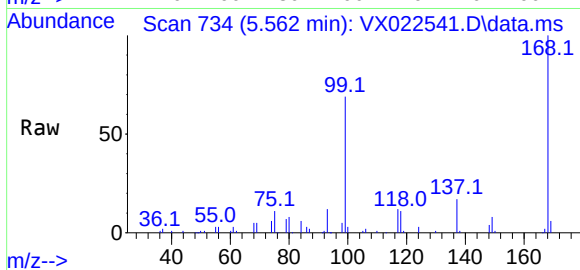
Concen: 5.001 ug/l

RT: 5.562 min Scan# 734

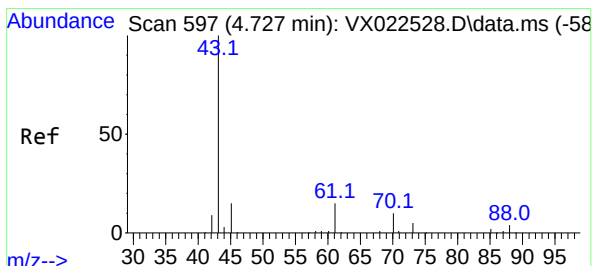
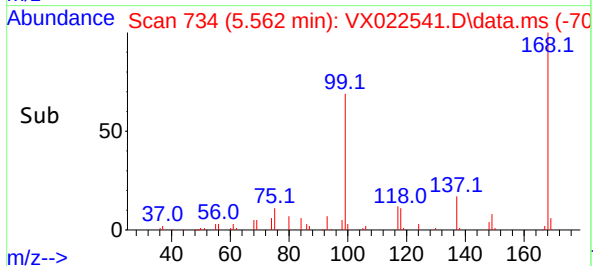
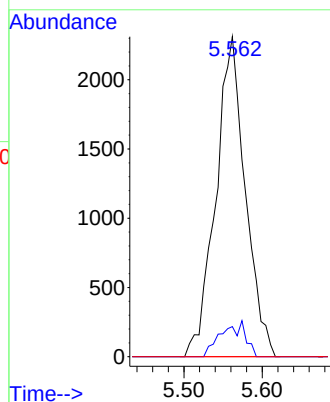
Delta R.T. -0.140 min

Lab File: VX022541.D

Acq: 07 Jun 2021 18:04



Tgt Ion:	75	Resp:	6072
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#



#37

Ethyl Acetate

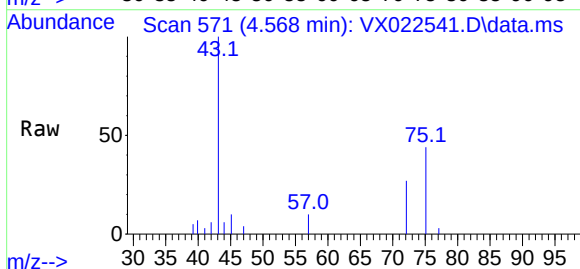
Concen: 3.745 ug/l

RT: 4.568 min Scan# 571

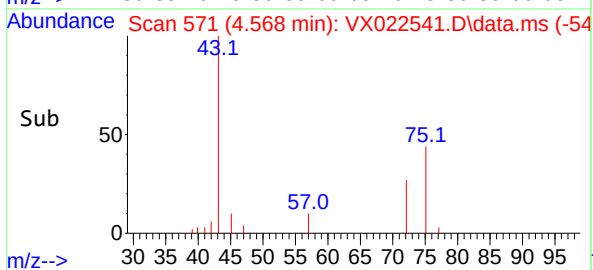
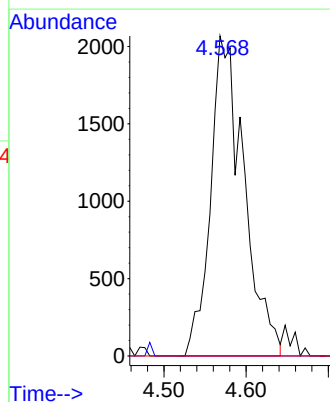
Delta R.T. -0.159 min

Lab File: VX022541.D

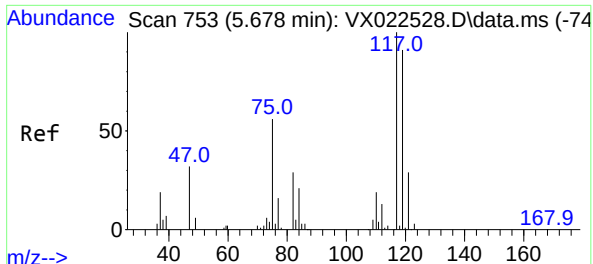
Acq: 07 Jun 2021 18:04



Tgt Ion:	43	Resp:	5833
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

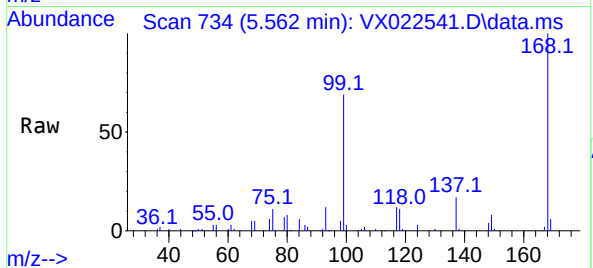


Instrument :
MSVOA_X
ClientSampleId :
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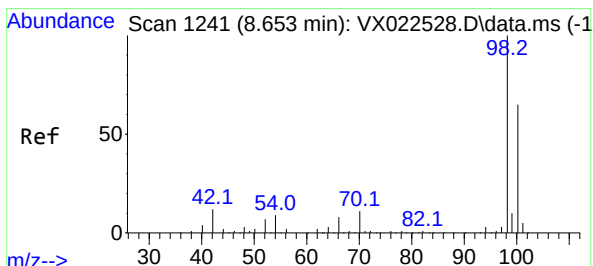
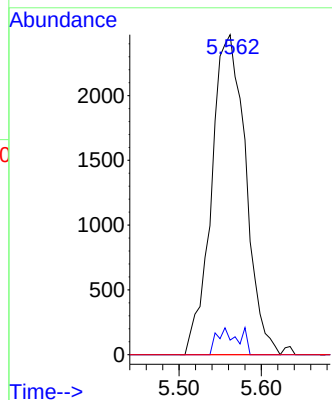
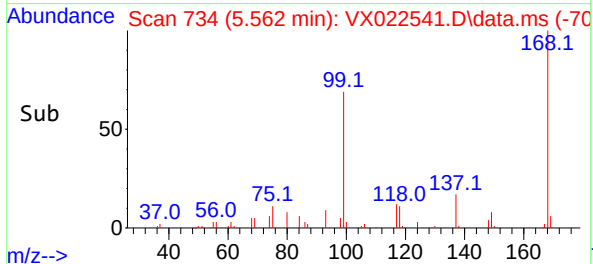


#38
Carbon Tetrachloride
Concen: 8.135 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

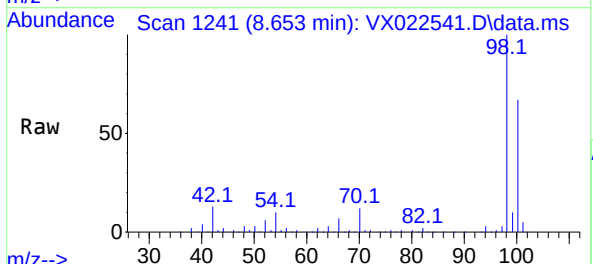
Instrument :
MSVOA_X
ClientSampled :
39-41



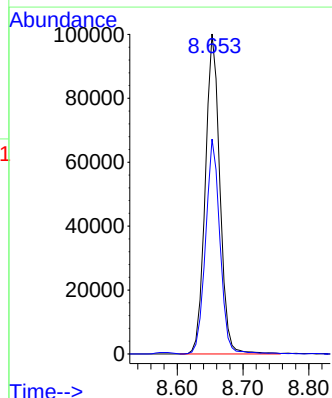
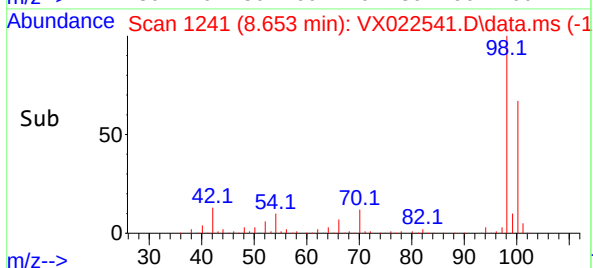
Tgt Ion:117 Resp: 7122
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

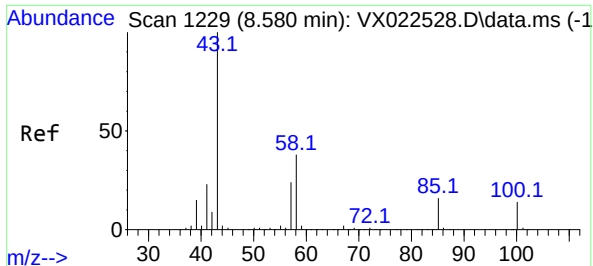


#50
Toluene-d8
Concen: 49.134 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04



Tgt Ion: 98 Resp: 153961
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9

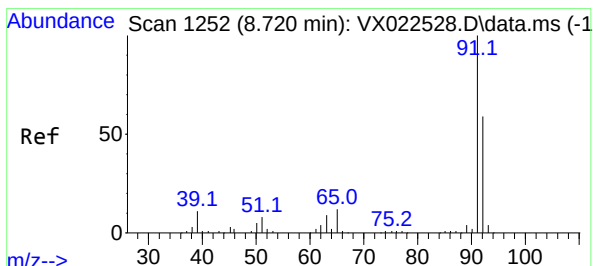
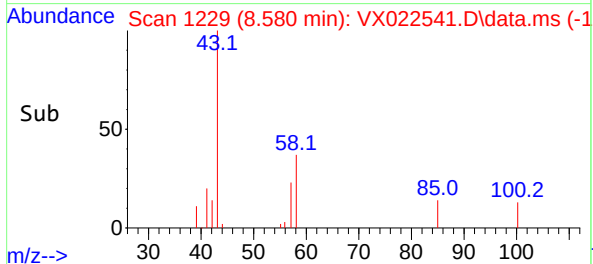
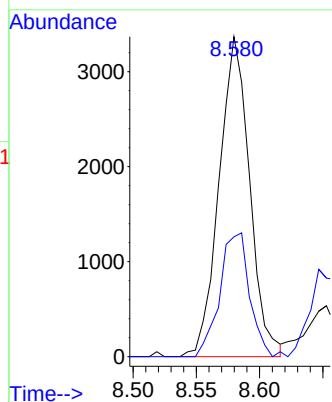
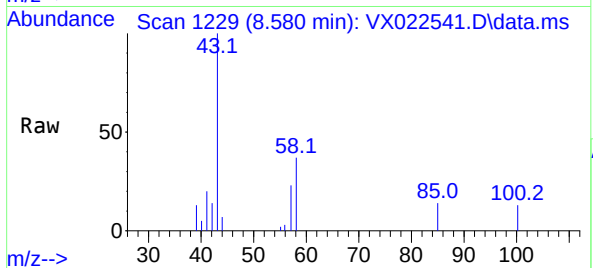




#51
4-Methyl-2-Pentanone
Concen: 3.591 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

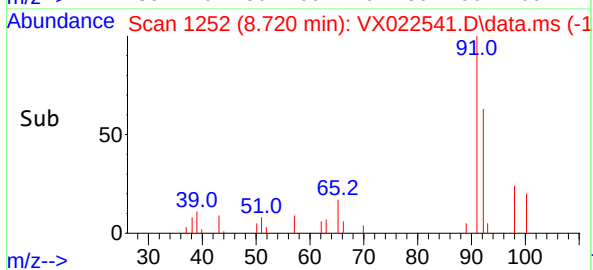
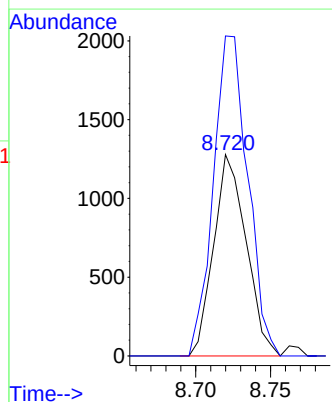
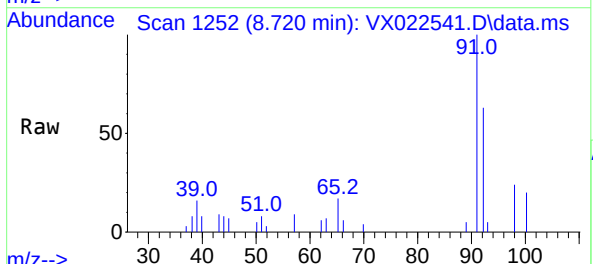
Instrument :
MSVOA_X
ClientSampleId :
39-41

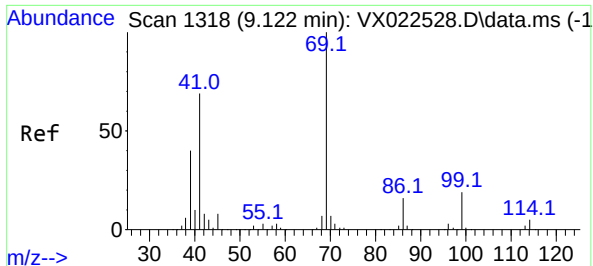
Tgt Ion: 43 Resp: 5652
Ion Ratio Lower Upper
43 100
58 37.9 35.4 53.0



#52
Toluene
Concen: 0.821 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

Tgt Ion: 92 Resp: 1933
Ion Ratio Lower Upper
92 100
91 168.2 137.1 205.7

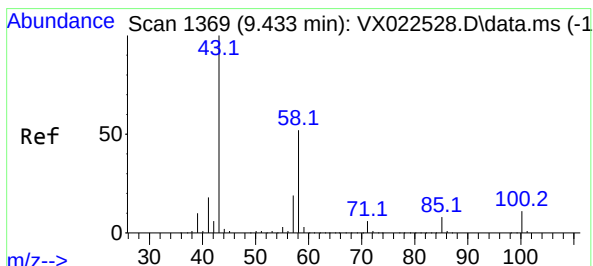
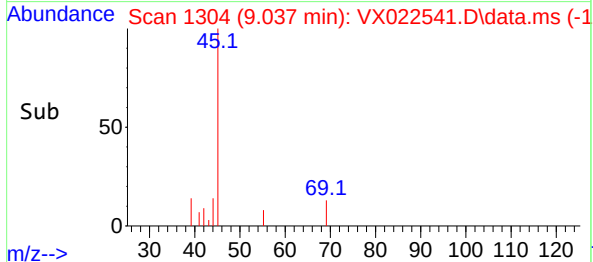
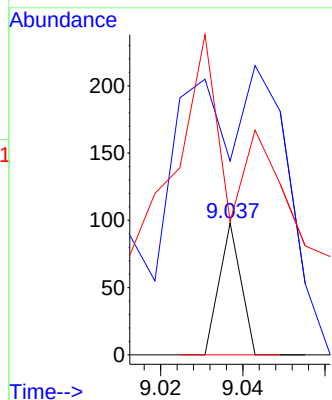
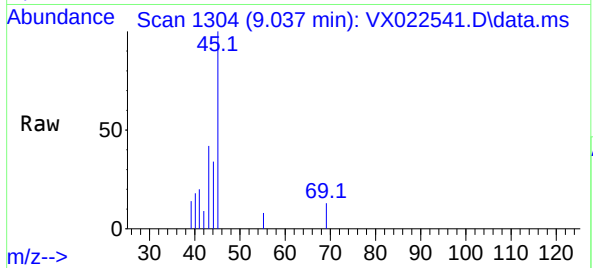




#56
Ethyl methacrylate
Concen: 2.721 ug/l
RT: 9.037 min Scan# 1304
Delta R.T. -0.085 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

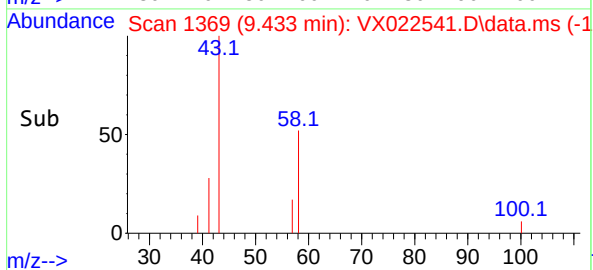
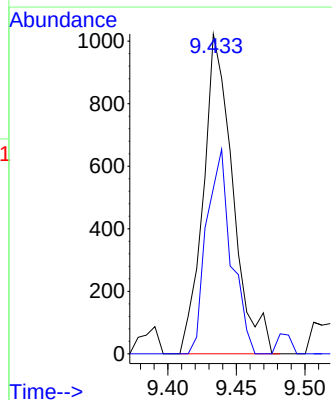
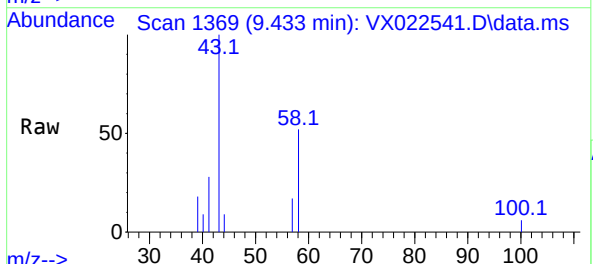
Instrument :
MSVOA_X
ClientSampled :
39-41

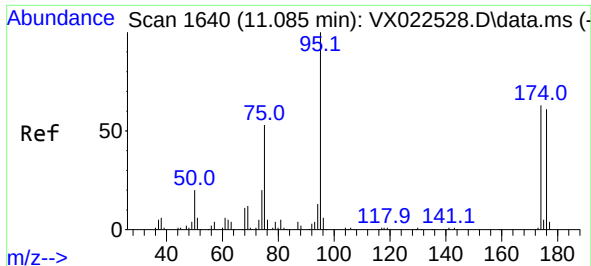
Tgt Ion: 69 Resp: 36
Ion Ratio Lower Upper
69 100
41 1241.7 46.8 70.2#
39 1336.1 24.7 37.1#



#59
2-Hexanone
Concen: 1.272 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 53.8 30.9 92.8

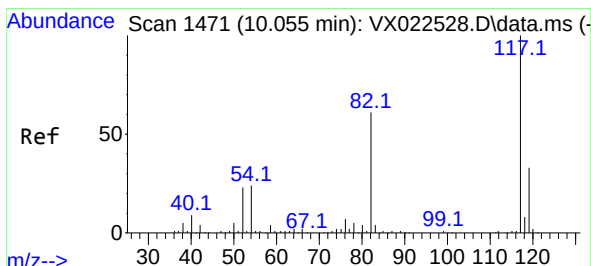
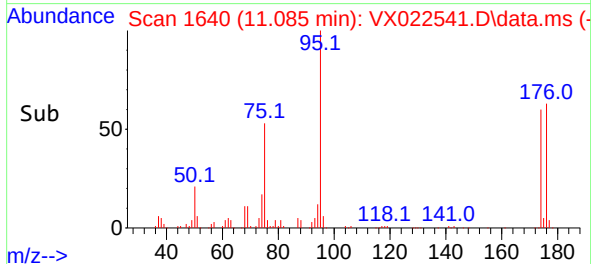
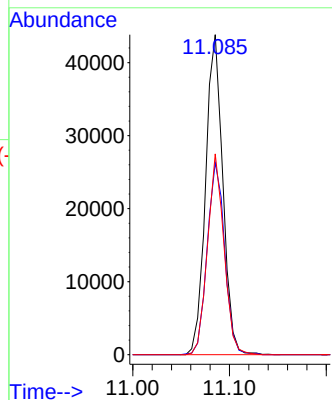
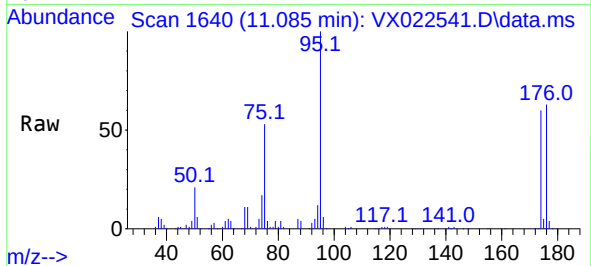




#62
4-Bromofluorobenzene
Concen: 46.583 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

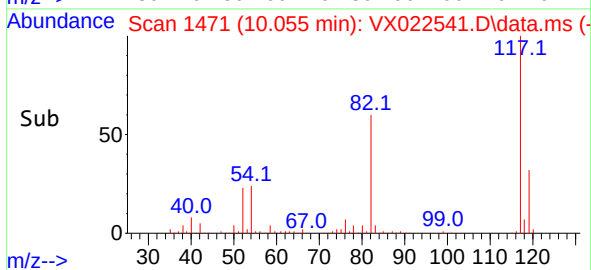
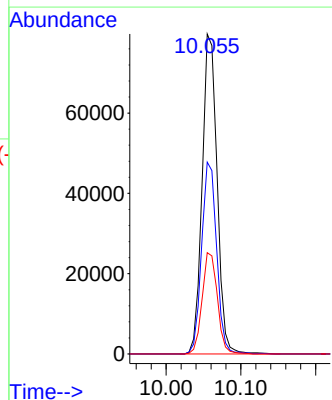
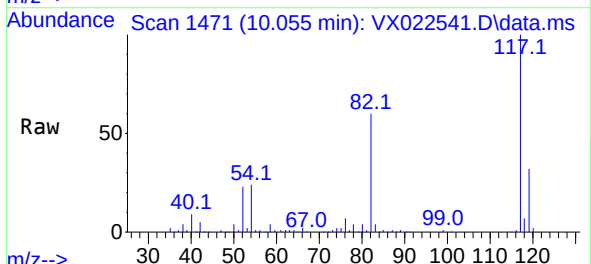
Instrument :
MSVOA_X
ClientSampled :
39-41

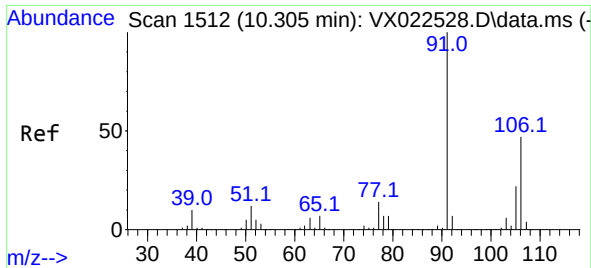
Tgt Ion: 95 Resp: 54256
Ion Ratio Lower Upper
95 100
174 61.0 0.0 154.6
176 60.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

Tgt Ion: 117 Resp: 110799
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 31.7 26.6 39.8

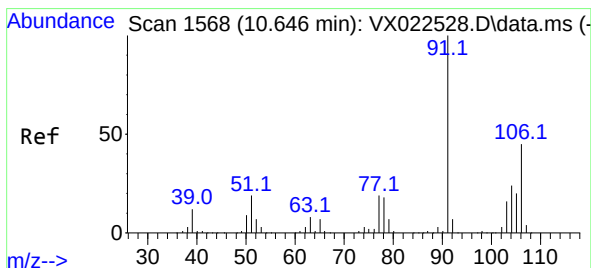
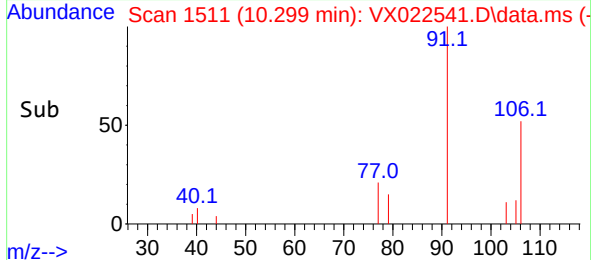
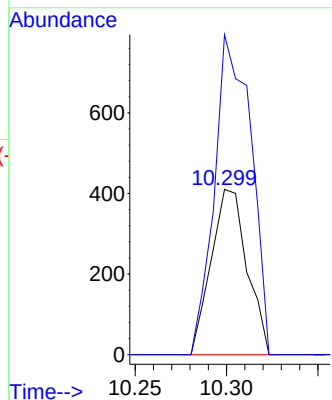
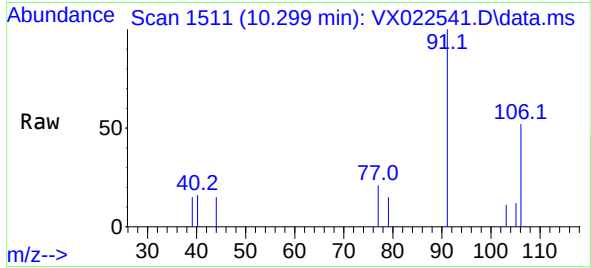




#68
m/p-Xylenes
Concen: 0.364 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

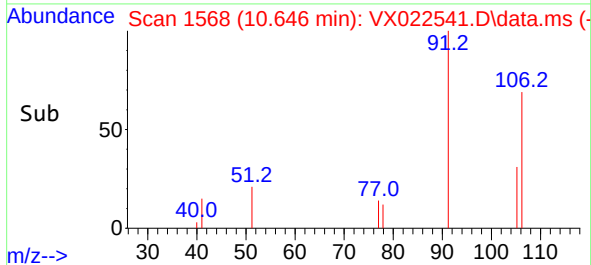
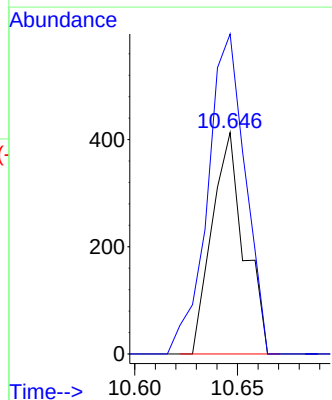
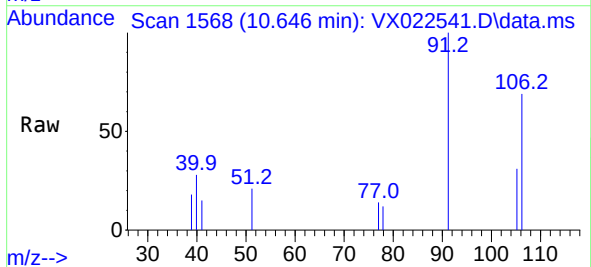
Instrument :
MSVOA_X
ClientSampleId :
39-41

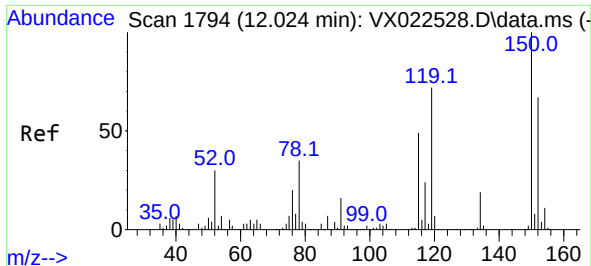
Tgt Ion:106 Resp: 561
Ion Ratio Lower Upper
106 100
91 197.1 162.8 244.2



#69
o-Xylene
Concen: 0.298 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

Tgt Ion:106 Resp: 449
Ion Ratio Lower Upper
106 100
91 169.3 108.1 324.2

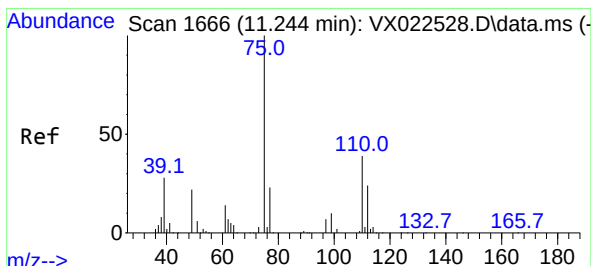
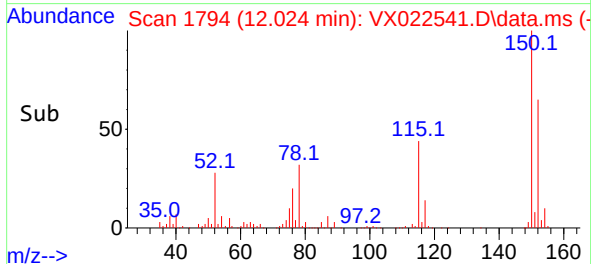
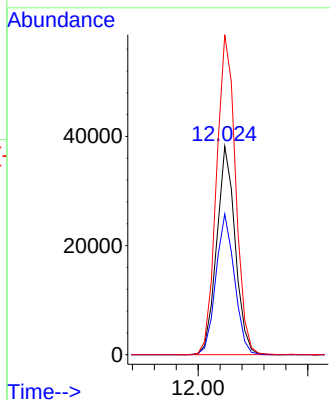
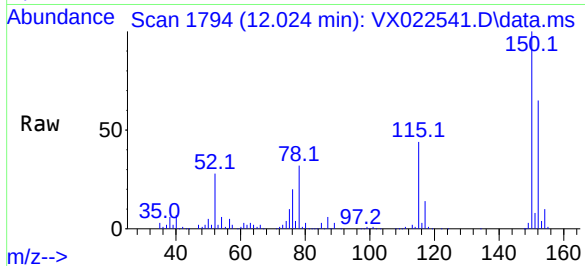




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022541.D
 Acq: 07 Jun 2021 18:04

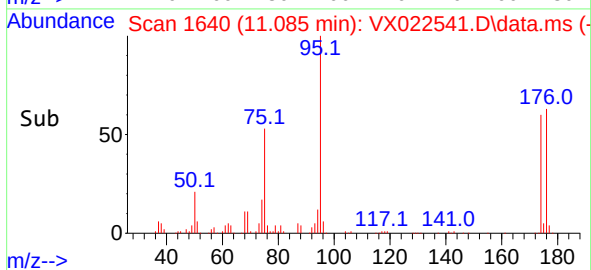
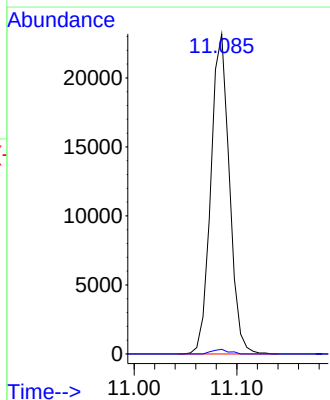
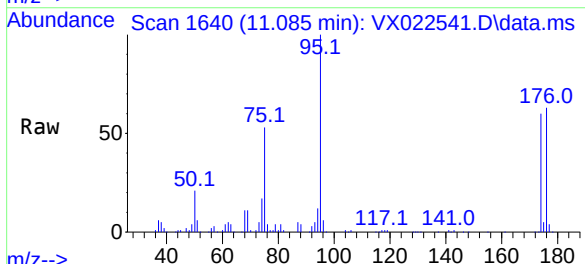
Instrument :
 MSVOA_X
 ClientSampled :
 39-41

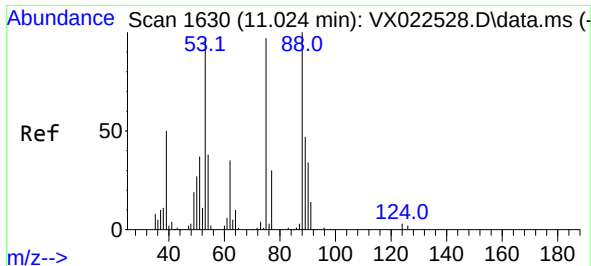
Tgt Ion:152 Resp: 44764
 Ion Ratio Lower Upper
 152 100
 115 67.8 41.1 123.3
 150 158.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.073 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022541.D
 Acq: 07 Jun 2021 18:04

Tgt Ion: 75 Resp: 29076
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.029 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022541.D
Acq: 07 Jun 2021 18:04

Instrument :
MSVOA_X
ClientSampleId :
39-41

Tgt Ion: 75 Resp: 29076
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

