

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050622\
 Data File : VX028554.D
 Acq On : 06 May 2022 16:55
 Operator : JC/MD
 Sample : N2703-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-28

Quant Time: May 07 06:04:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

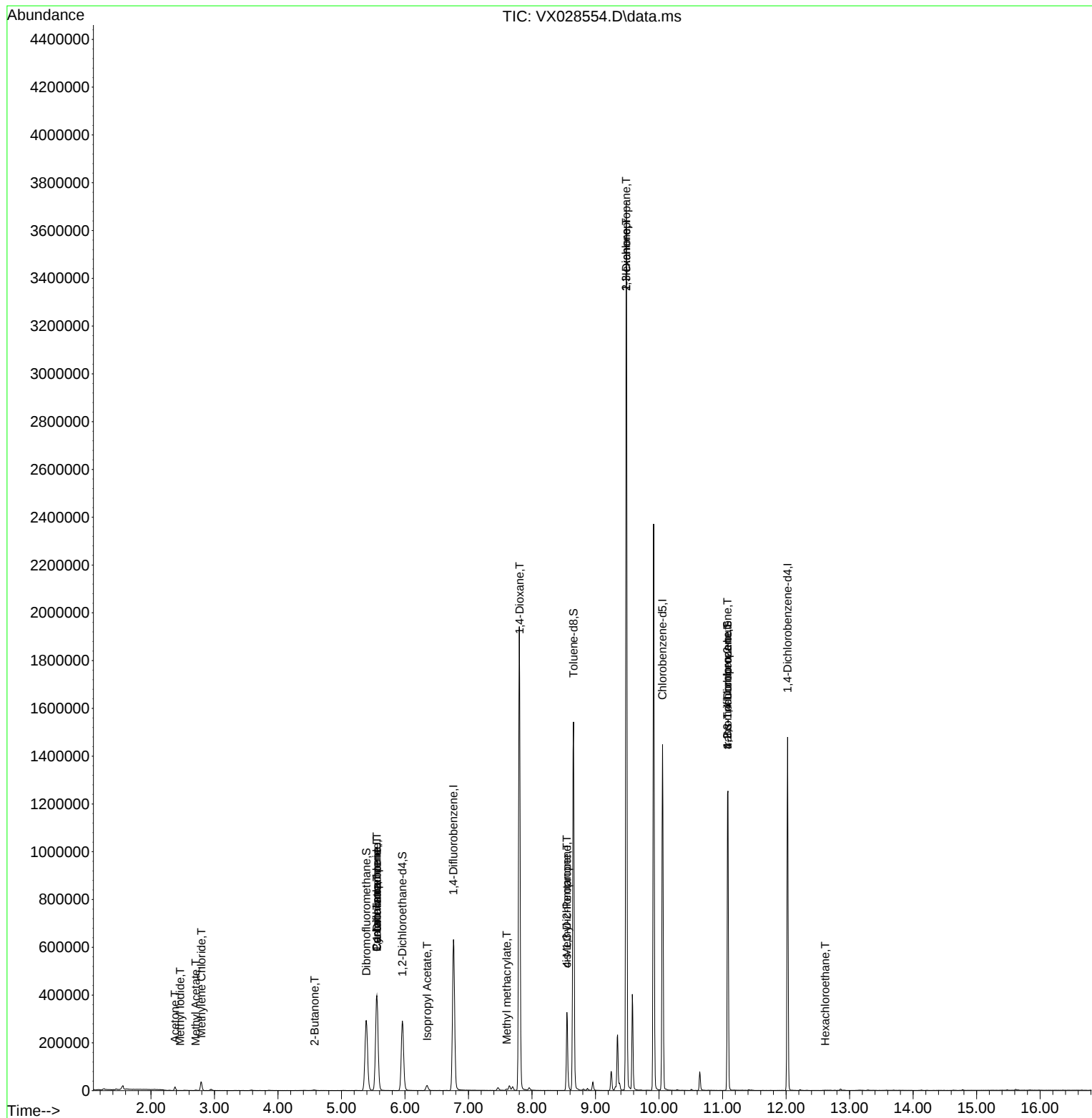
Internal Standards						
1) Pentafluorobenzene	5.556	168	393296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	673495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	660593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	301386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	275463	53.716	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.440%			
35) Dibromofluoromethane	5.391	113	255765	54.151	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.300%			
50) Toluene-d8	8.653	98	935844	51.588	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.180%			
62) 4-Bromofluorobenzene	11.079	95	333962	48.147	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.300%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	327	Below Cal	#	42
5) Bromomethane	1.617	94	842	Below Cal		97
6) Chloroethane	1.709	64	247	Below Cal	#	84
8) Diethyl Ether	2.136	74	76	Below Cal	#	1
10) Methyl Iodide	2.459	142	278	5.292	ug/l #	49
11) Tert butyl alcohol	2.947	59	2912	Below Cal	#	72
16) Acetone	2.380	43	14549	7.937	ug/l	97
18) Methyl Acetate	2.703	43	2696	0.591	ug/l	99
20) Methylene Chloride	2.794	84	17579	4.620	ug/l	91
25) 2-Butanone	4.574	43	2438	0.803	ug/l	91
31) Cyclohexane	5.556	56	7122	1.140	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	28488	4.624	ug/l #	50
38) Carbon Tetrachloride	5.556	117	38164	5.487	ug/l #	15
43) Isopropyl Acetate	6.348	43	27714	2.724	ug/l	98
48) Methyl methacrylate	7.604	41	8863	1.897	ug/l #	7
49) 1,4-Dioxane	7.805	88	356	2.849	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	103445	15.844	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	54772	7.211	ug/l #	68
57) 1,3-Dichloropropane	9.482	76	35621	4.335	ug/l #	43
59) 2-Hexanone	9.482	43	403176	79.720	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	169485	28.574	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	169485	84.914	ug/l #	15
90) Hexachloroethane	12.616	117	30	1.822	ug/l #	10

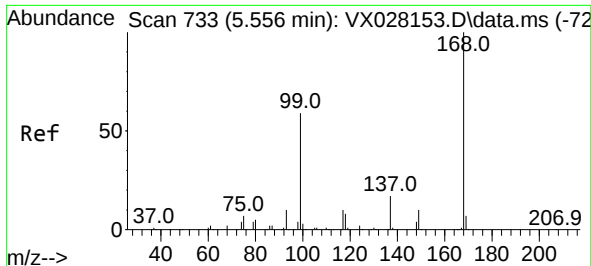
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

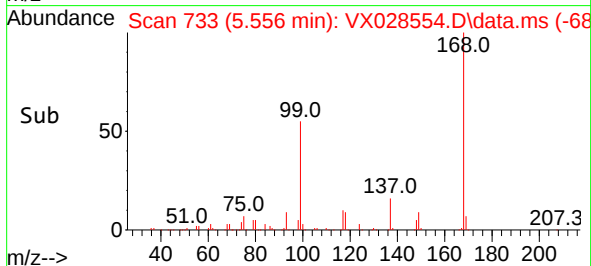
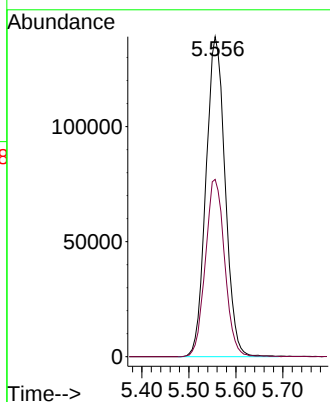
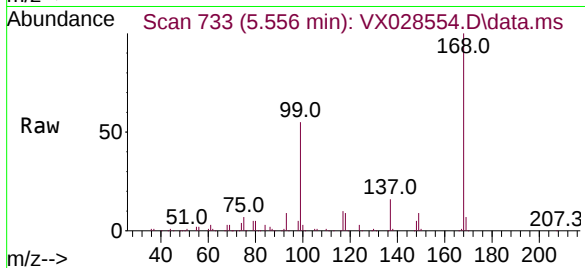




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

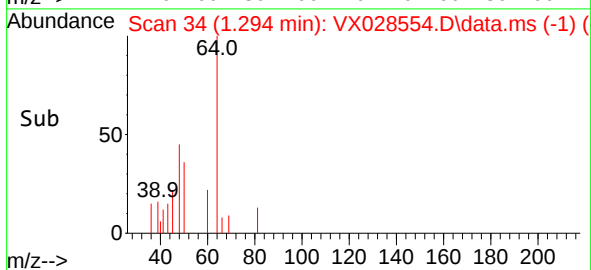
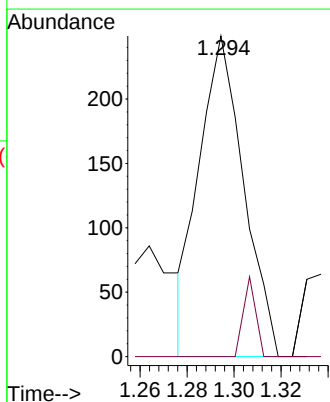
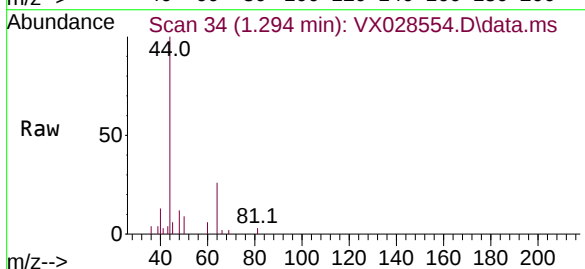
Instrument :
MSVOA_X
ClientSampleId :
TP-28

Tgt Ion:168 Resp: 393296
Ion Ratio Lower Upper
168 100
99 55.4 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

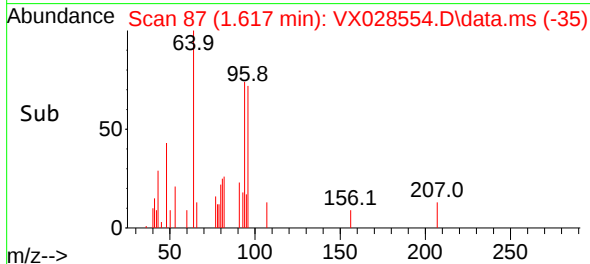
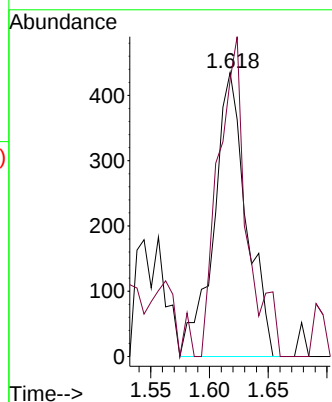
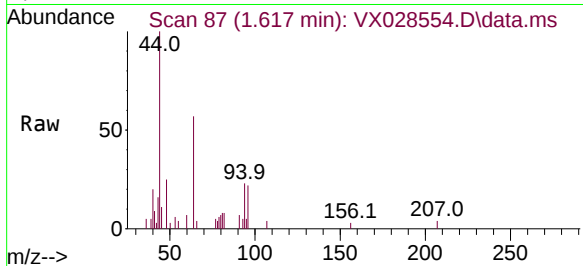




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

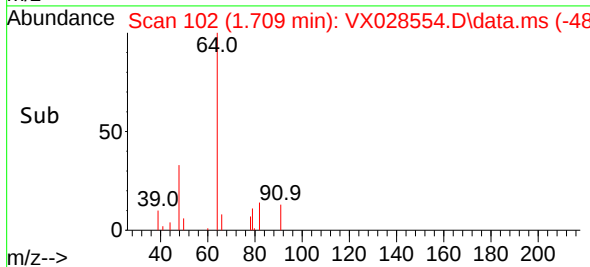
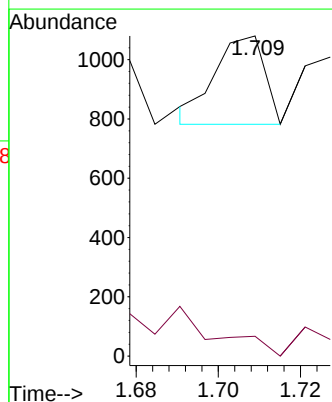
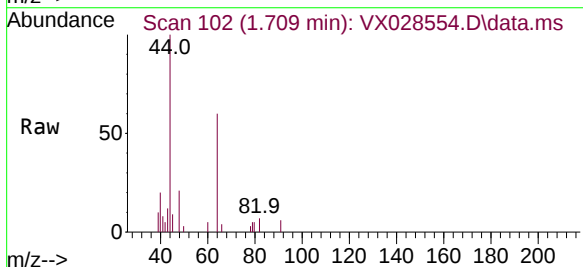
Instrument :
MSVOA_X
ClientSampleId :
TP-28

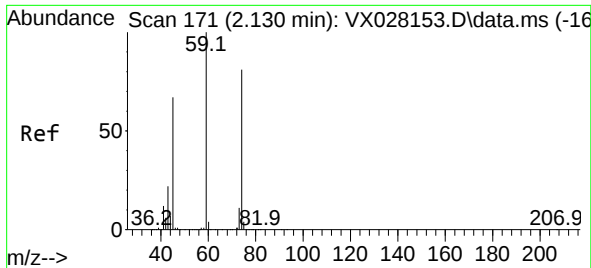
Tgt Ion: 94 Resp: 842
Ion Ratio Lower Upper
94 100
96 97.5 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.031 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 64 Resp: 247
Ion Ratio Lower Upper
64 100
66 22.5 25.3 37.9#

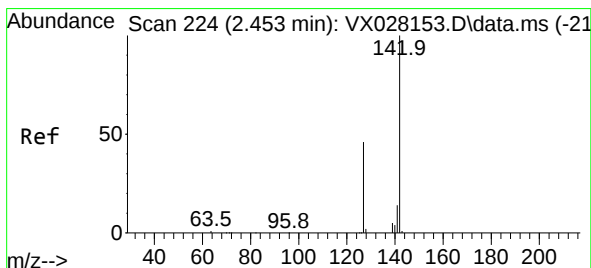
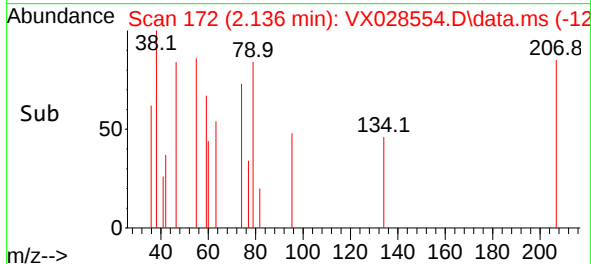
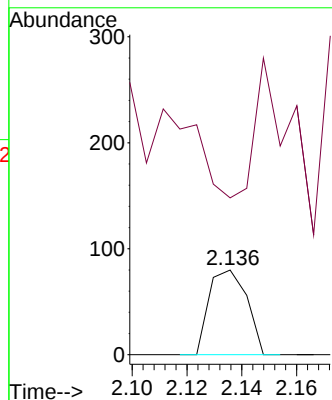
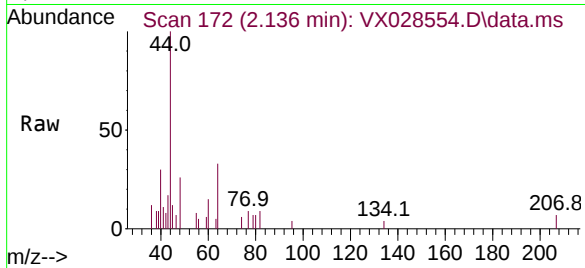




#8
Diethyl Ether
Concen: Below Cal
RT: 2.136 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

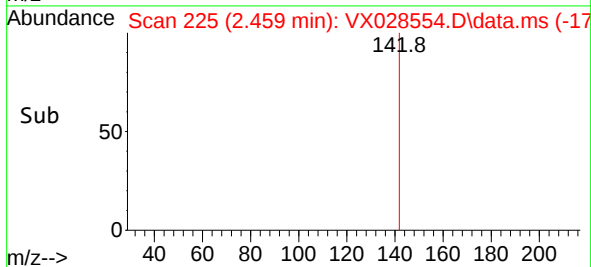
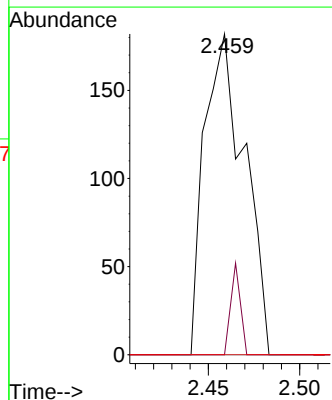
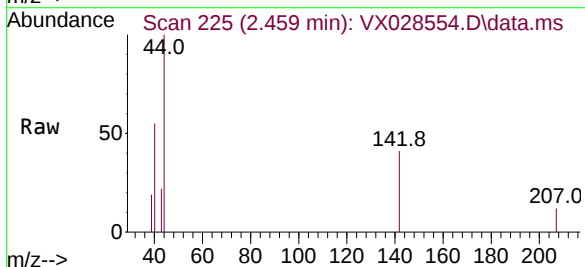
Instrument :
MSVOA_X
ClientSampleId :
TP-28

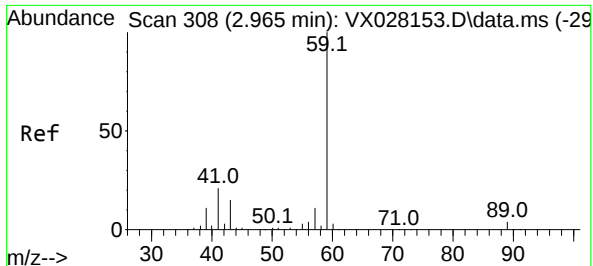
Tgt Ion: 74 Resp: 76
Ion Ratio Lower Upper
74 100
45 201.3 42.0 126.0#



#10
Methyl Iodide
Concen: 5.292 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 142 Resp: 278
Ion Ratio Lower Upper
142 100
127 6.8 33.9 50.9#
141 0.0 11.4 17.2#

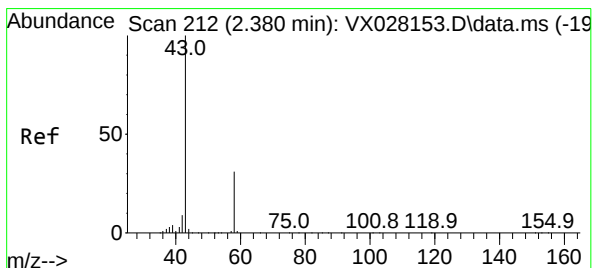
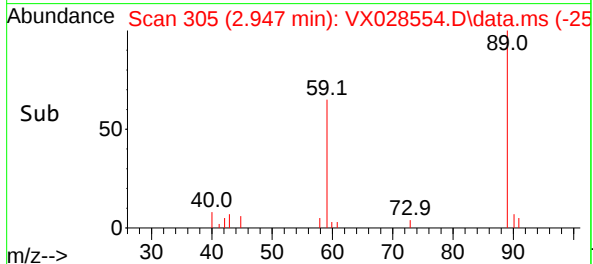
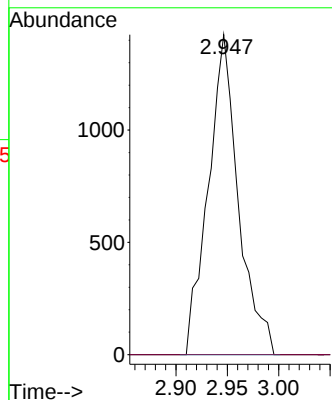
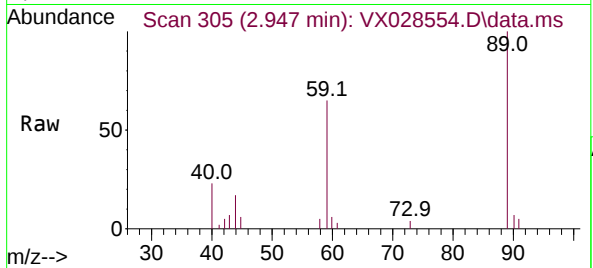




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

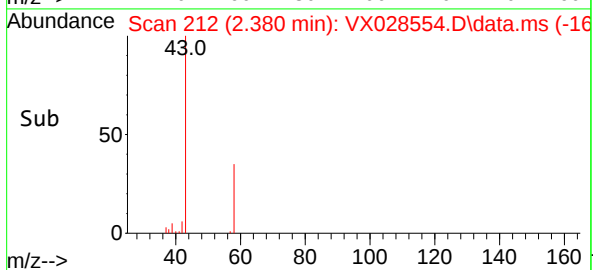
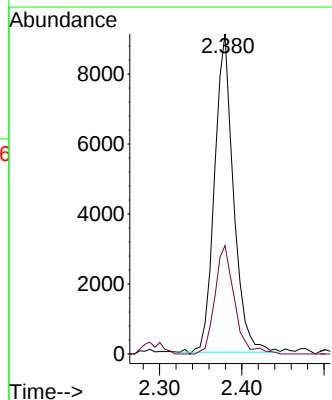
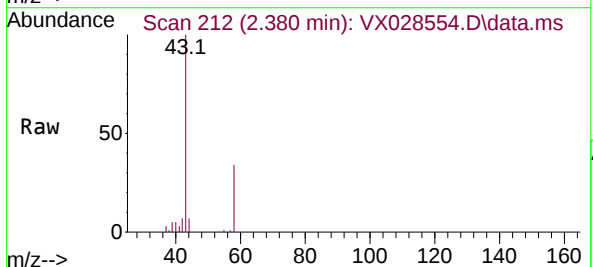
Instrument :
MSVOA_X
ClientSampleId :
TP-28

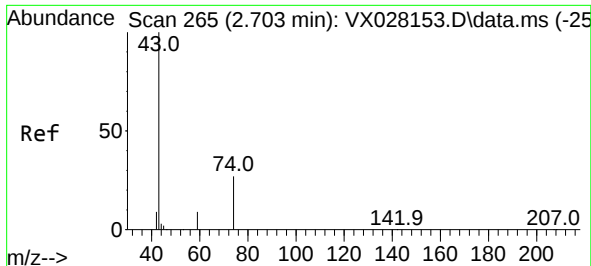
Tgt Ion: 59 Resp: 2912
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 7.937 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 43 Resp: 14549
Ion Ratio Lower Upper
43 100
58 34.1 28.8 43.2

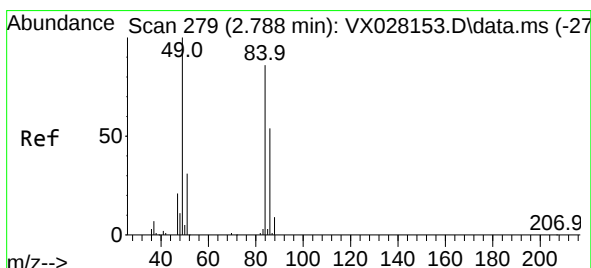
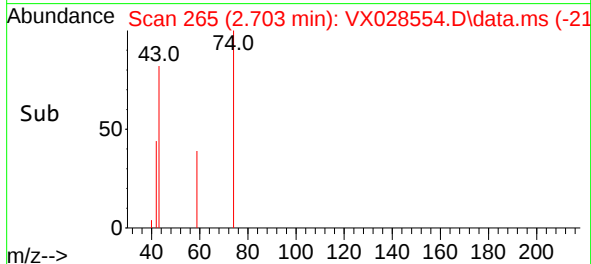
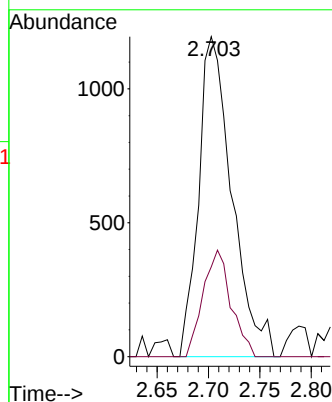
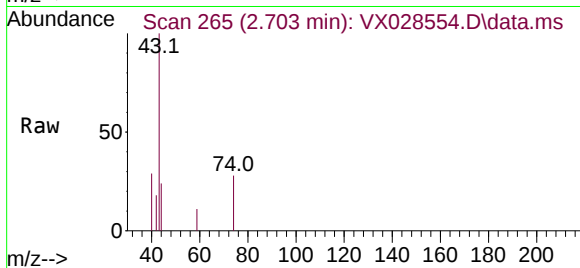




#18
Methyl Acetate
Concen: 0.591 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

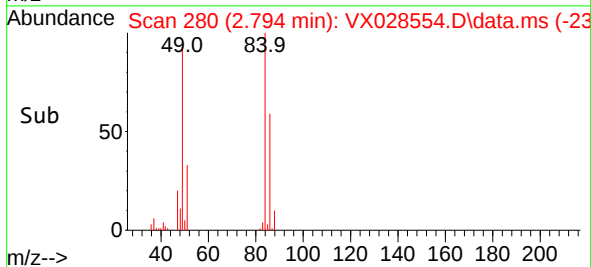
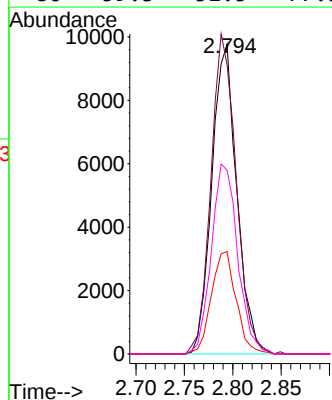
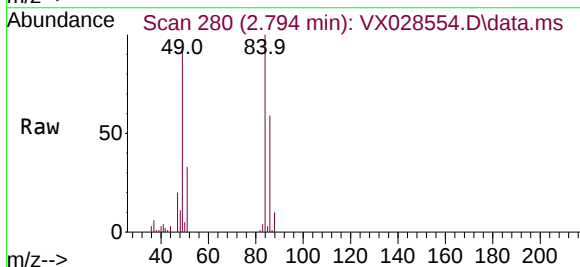
Instrument :
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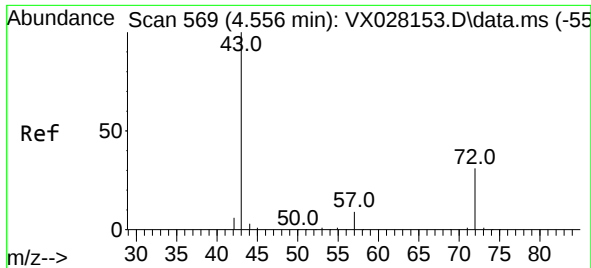
Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
74 28.0 22.8 34.2



#20
Methylene Chloride
Concen: 4.620 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 84 Resp: 17579
Ion Ratio Lower Upper
84 100
49 93.4 85.5 128.3
51 33.1 26.6 39.8
86 59.3 51.5 77.3

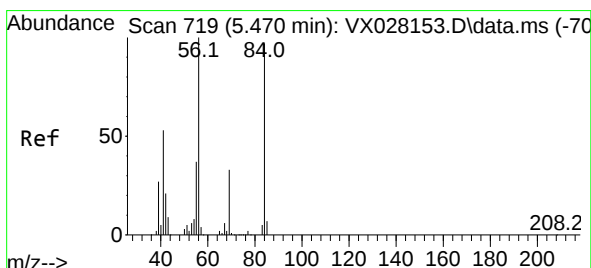
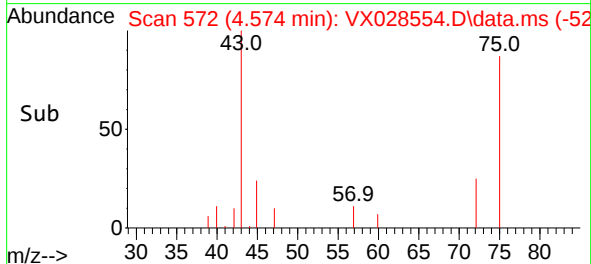
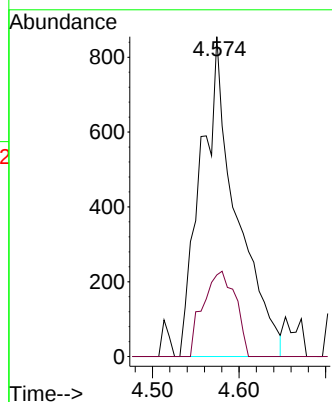
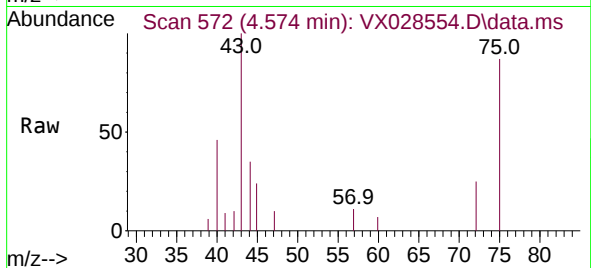




#25
2-Butanone
Concen: 0.803 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

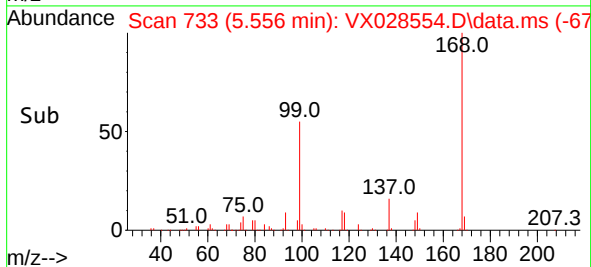
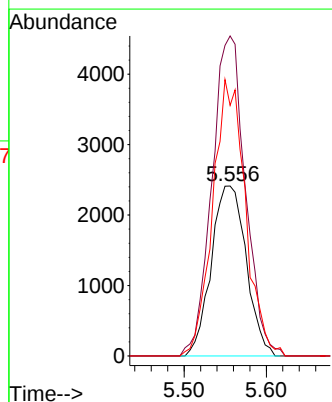
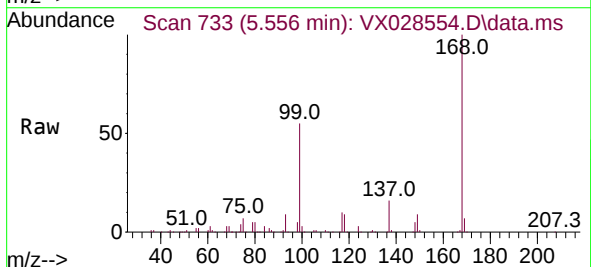
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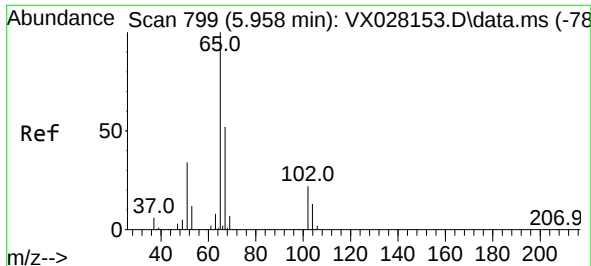
Tgt Ion: 43 Resp: 2438
Ion Ratio Lower Upper
43 100
72 25.5 24.4 36.6



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 56 Resp: 7122
Ion Ratio Lower Upper
56 100
69 188.2 26.7 40.1#
84 147.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 53.716 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028554.D

Acq: 06 May 2022 16:55

Instrument :

MSVOA_X

ClientSampleId :

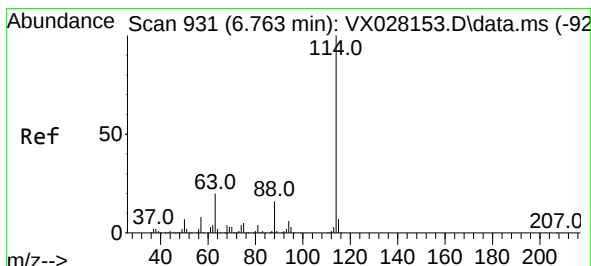
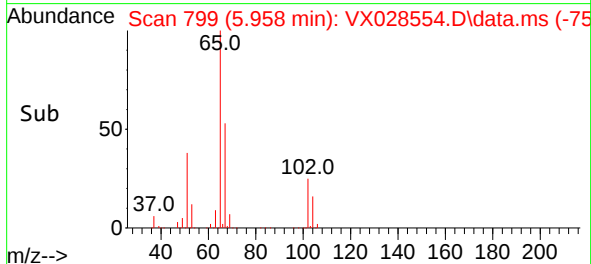
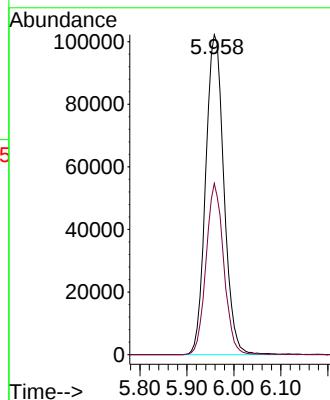
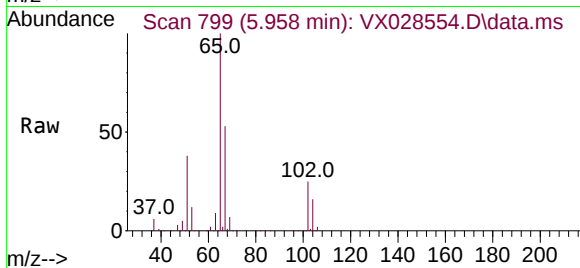
TP-28

Tgt Ion: 65 Resp: 275463

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028554.D

Acq: 06 May 2022 16:55

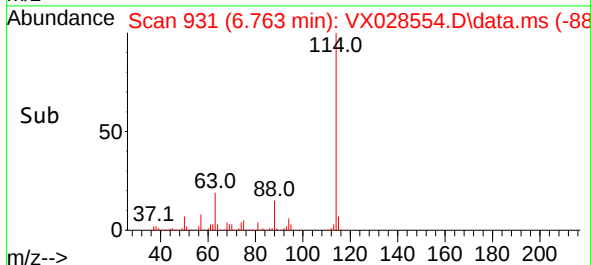
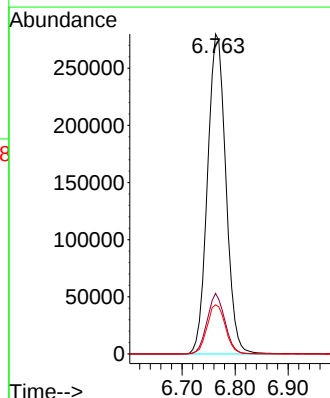
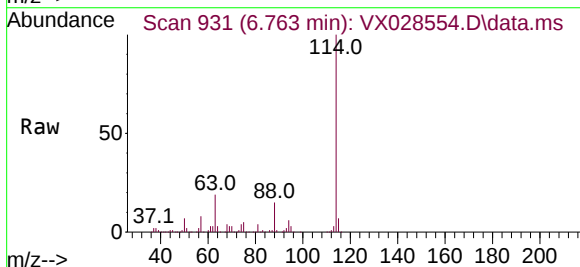
Tgt Ion: 114 Resp: 673495

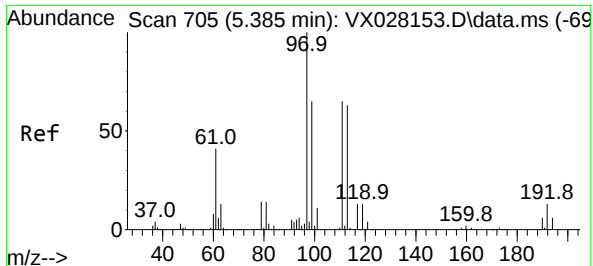
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 15.3 0.0 32.4

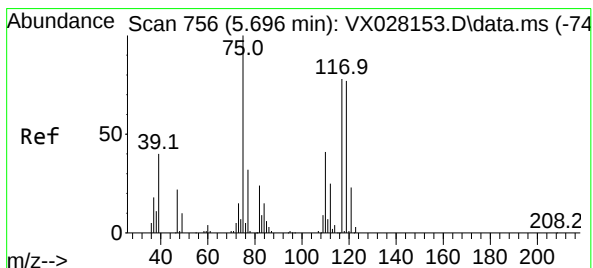
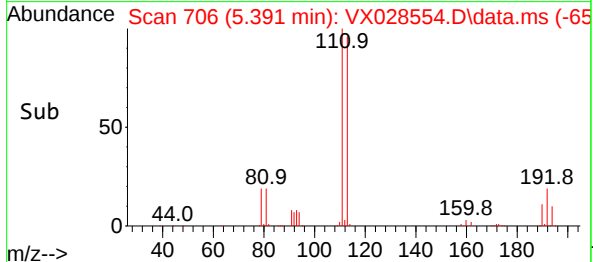
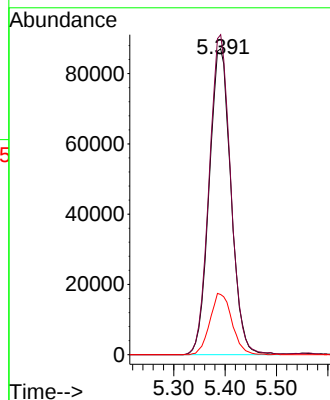
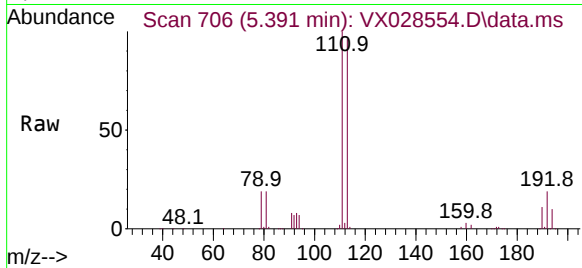




#35
Dibromofluoromethane
Concen: 54.151 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

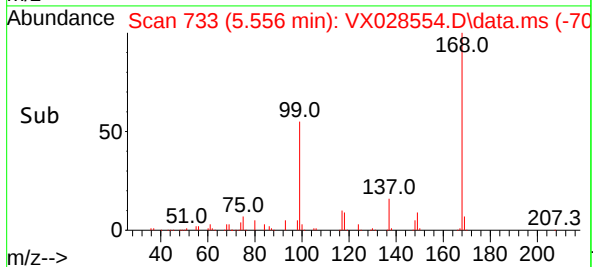
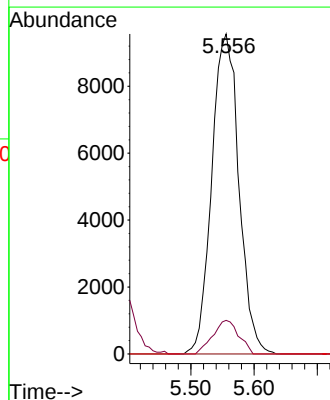
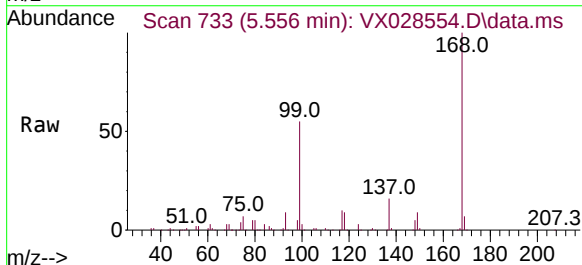
Instrument :
MSVOA_X
ClientSampleId :
TP-28

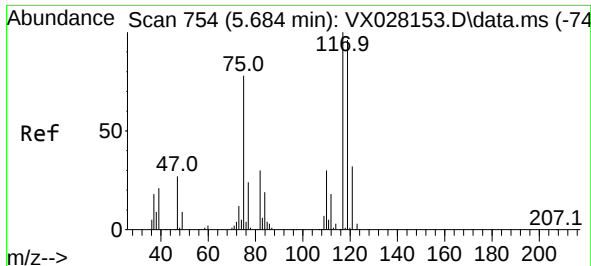
Tgt Ion:113 Resp: 255765
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 75 Resp: 28488
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#

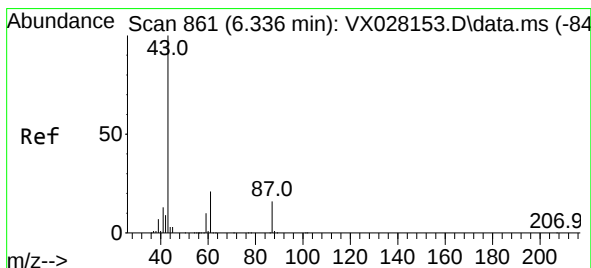
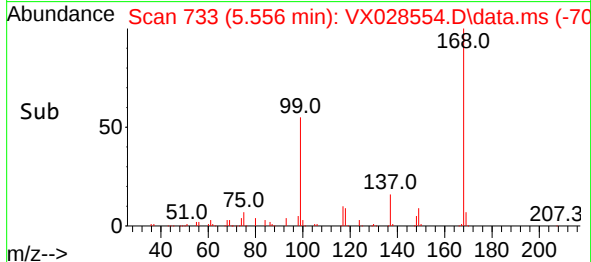
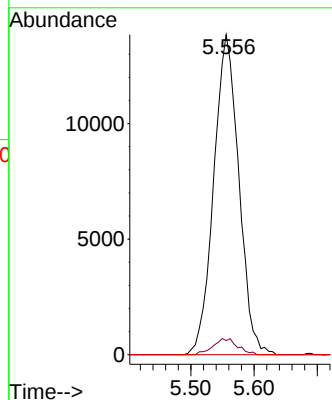
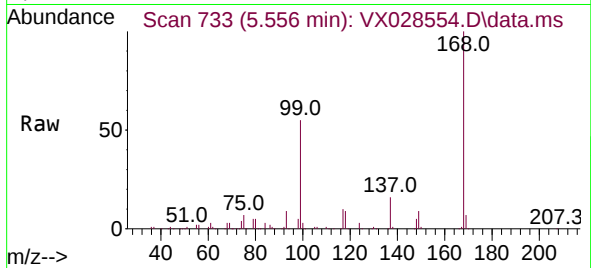




#38
Carbon Tetrachloride
Concen: 5.487 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

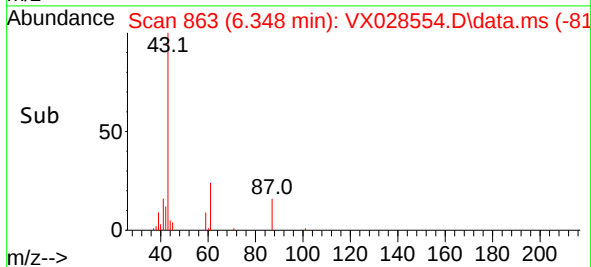
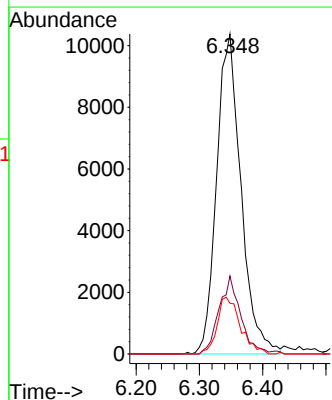
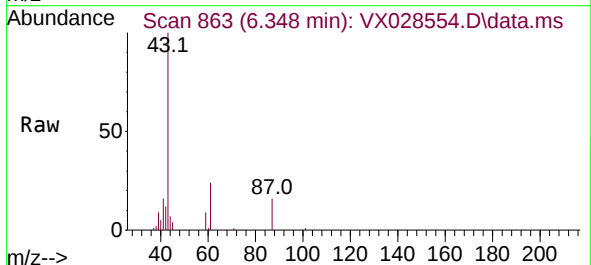
Instrument :
MSVOA_X
ClientSampleId :
TP-28

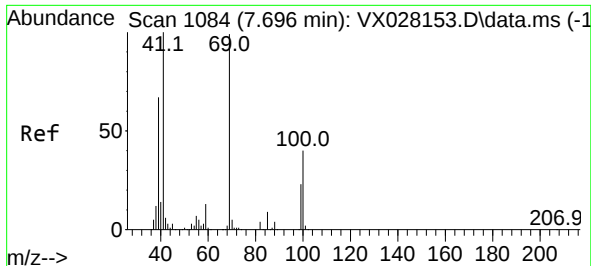
Tgt Ion:117 Resp: 38164
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.724 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 43 Resp: 27714
Ion Ratio Lower Upper
43 100
61 21.8 18.5 27.7
87 16.8 13.0 19.6

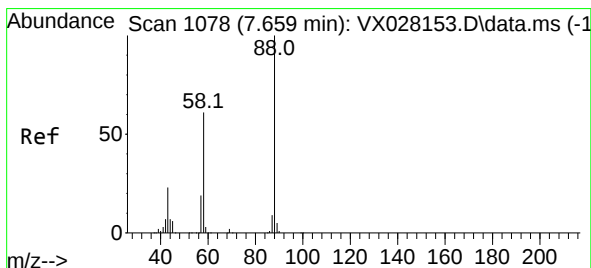
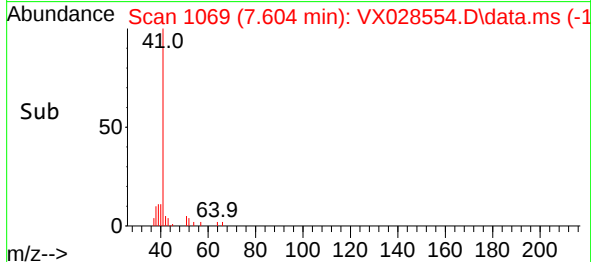
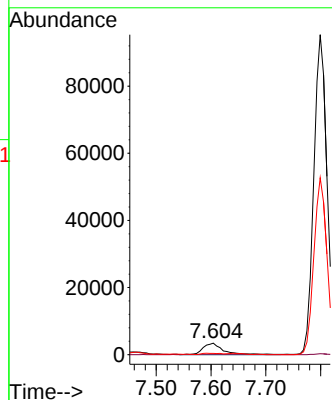
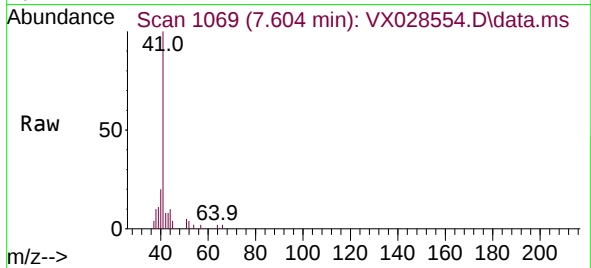




#48
Methyl methacrylate
Concen: 1.897 ug/l
RT: 7.604 min Scan# 1102
Delta R.T. -0.092 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

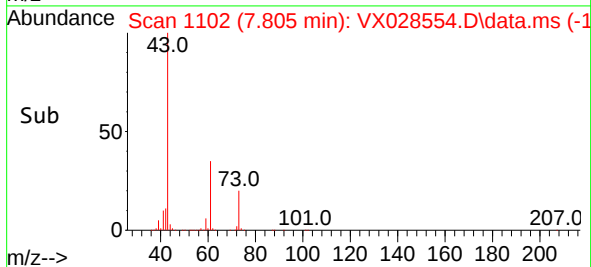
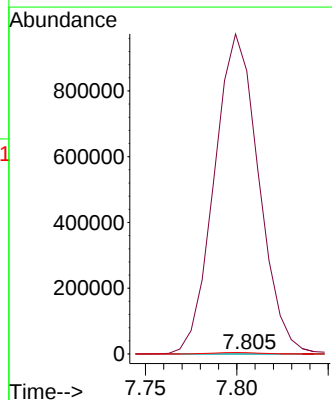
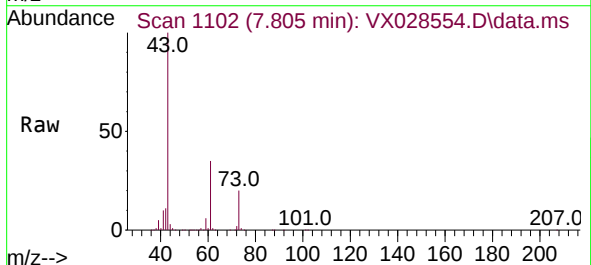
Instrument :
MSVOA_X
ClientSampleId :
TP-28

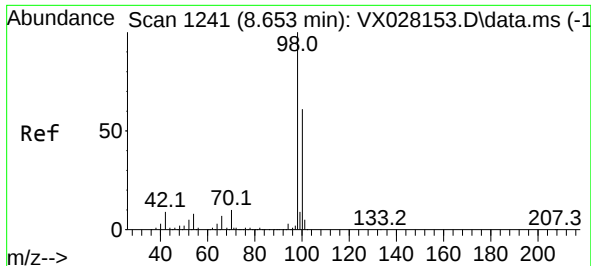
Tgt Ion: 41 Resp: 8863
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#



#49
1,4-Dioxane
Concen: 2.849 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.146 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 88 Resp: 356
Ion Ratio Lower Upper
88 100
43 467510.7 21.9 32.9#
58 2302.5 53.7 80.5#

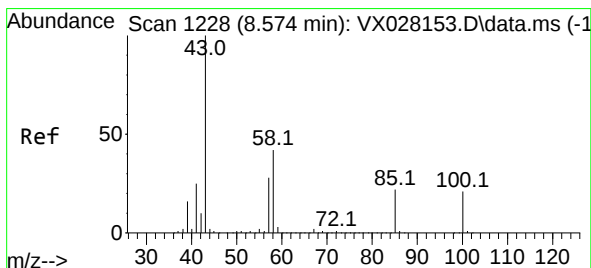
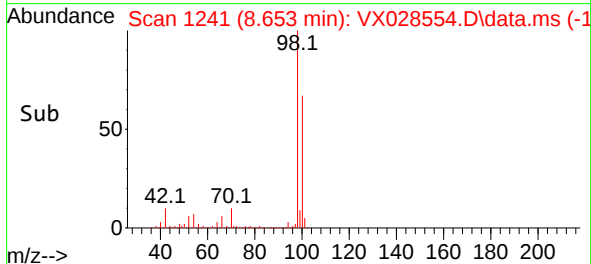
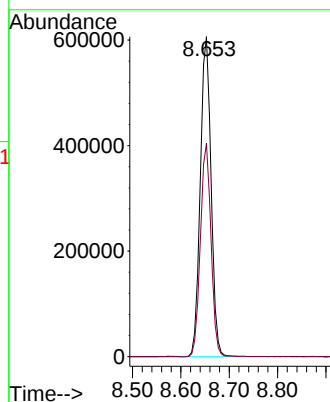
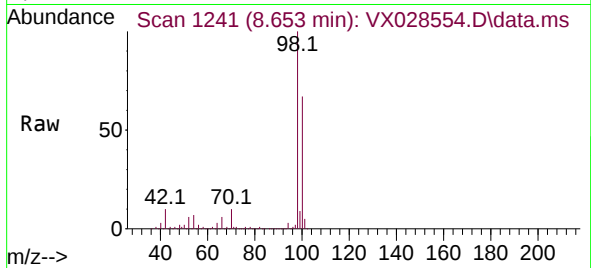




#50
Toluene-d8
Concen: 51.588 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

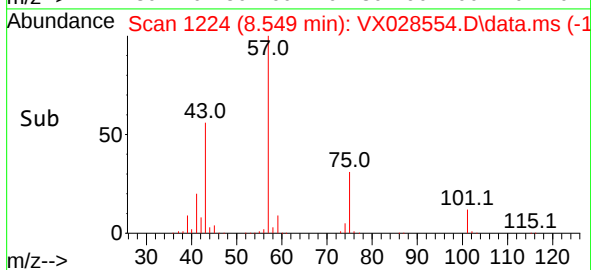
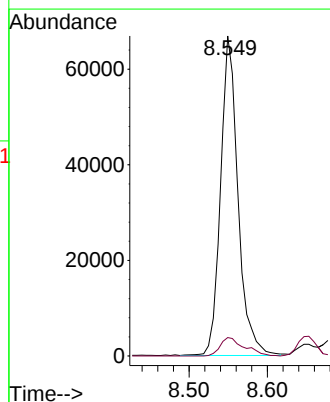
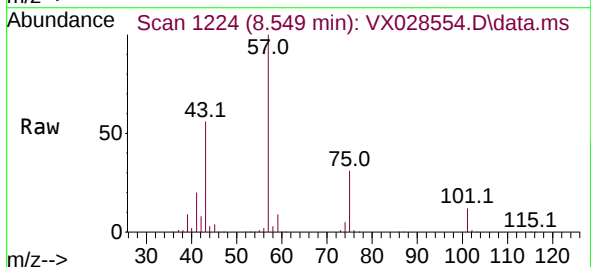
Instrument :
MSVOA_X
ClientSampleId :
TP-28

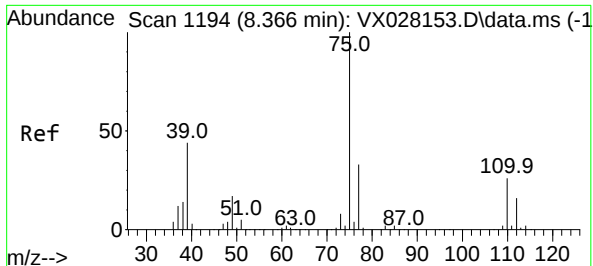
Tgt Ion: 98 Resp: 935844
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 15.844 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 43 Resp: 103445
Ion Ratio Lower Upper
43 100
58 8.0 36.1 54.1#

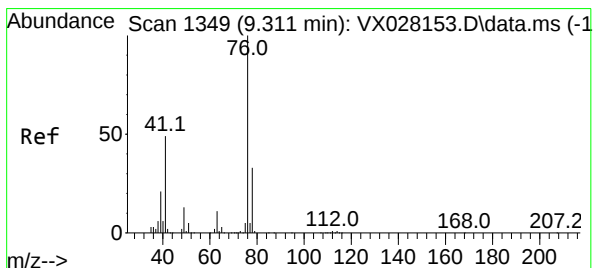
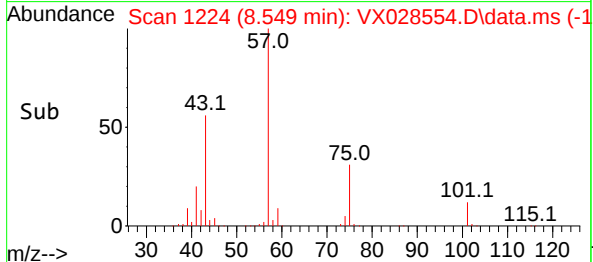
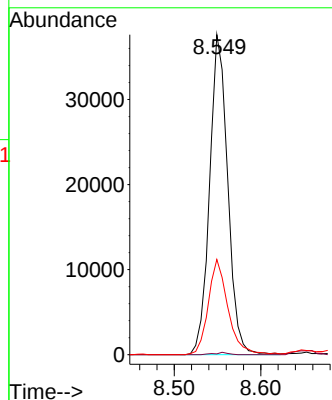
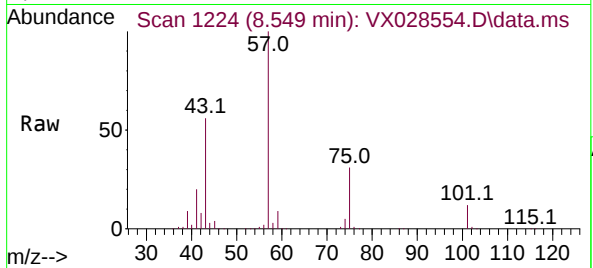




#54
 cis-1,3-Dichloropropene
 Concen: 7.211 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028554.D
 Acq: 06 May 2022 16:55

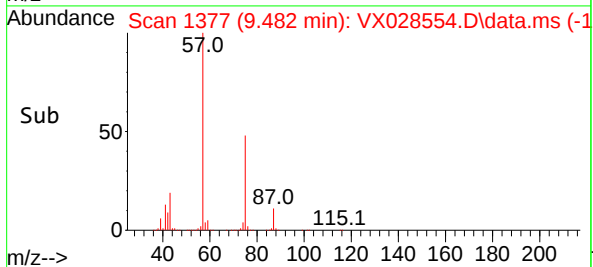
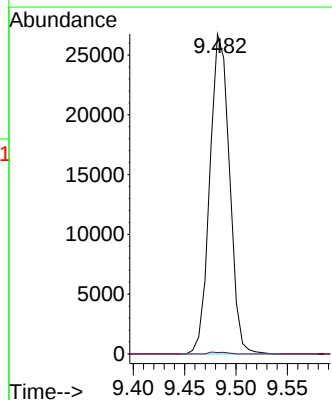
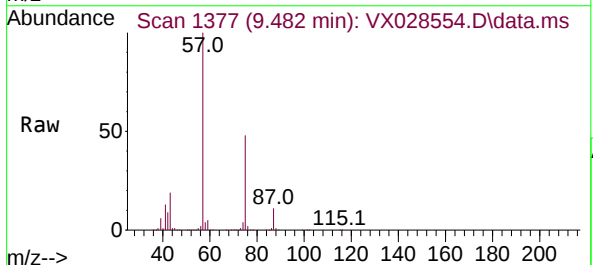
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-28

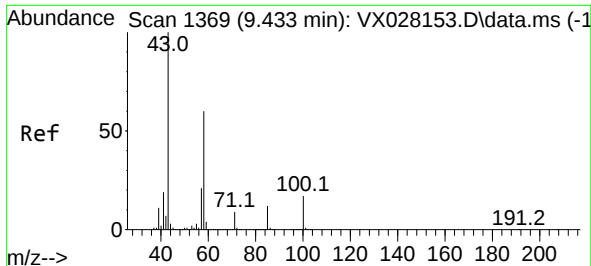
Tgt Ion: 75 Resp: 54772
 Ion Ratio Lower Upper
 75 100
 77 0.3 24.8 37.2#
 39 29.7 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 4.335 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028554.D
 Acq: 06 May 2022 16:55

Tgt Ion: 76 Resp: 35621
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.8 38.8#

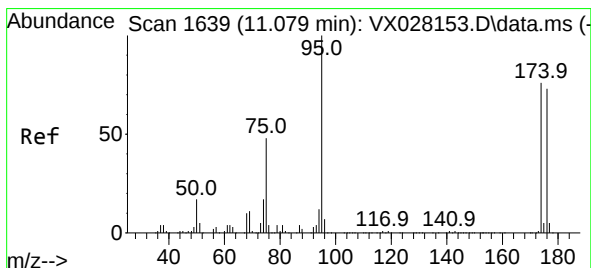
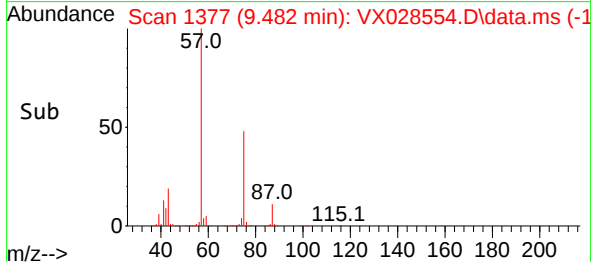
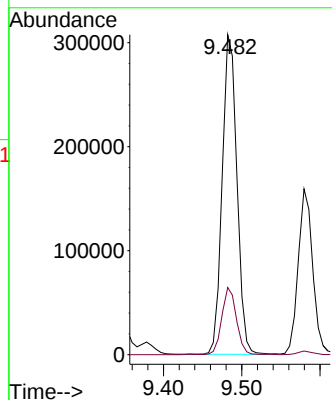
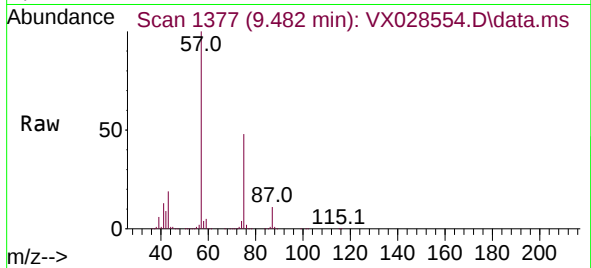




#59
2-Hexanone
Concen: 79.720 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

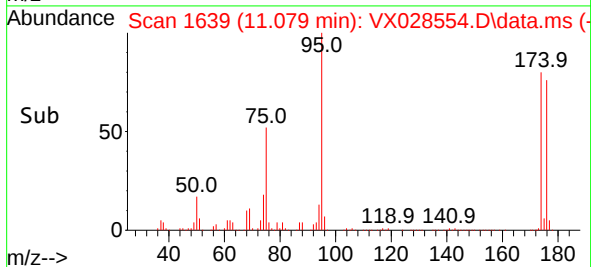
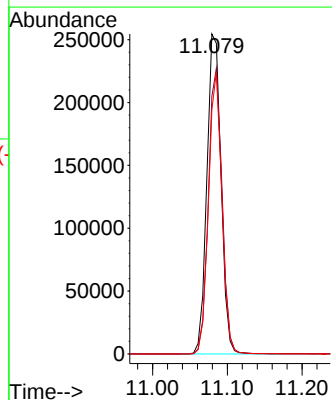
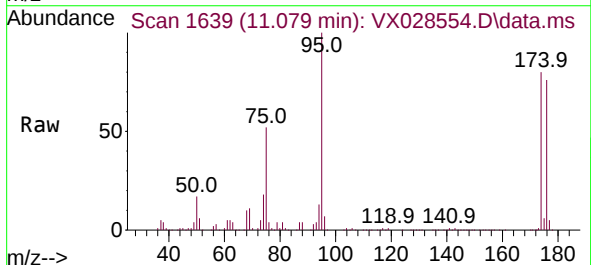
Instrument :
MSVOA_X
ClientSampleId :
TP-28

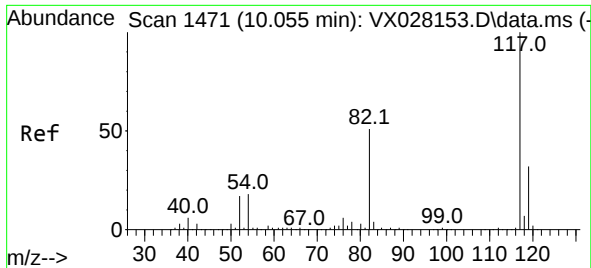
Tgt Ion: 43 Resp: 403176
Ion Ratio Lower Upper
43 100
58 20.8 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 48.147 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 95 Resp: 333962
Ion Ratio Lower Upper
95 100
174 86.8 0.0 163.0
176 83.6 0.0 155.0

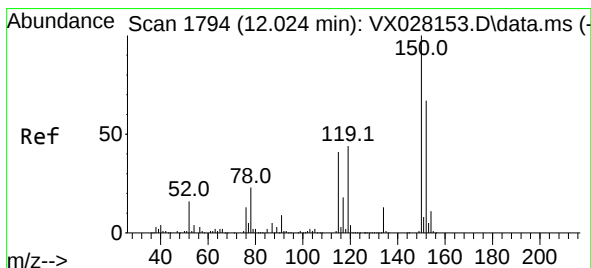
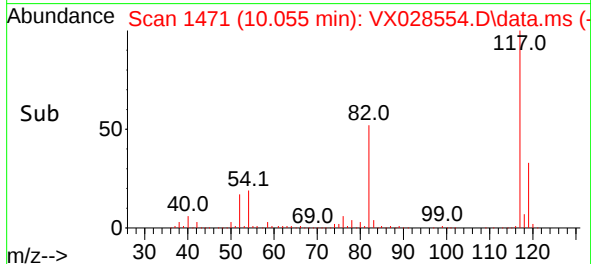
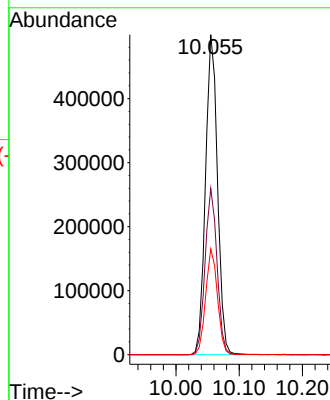
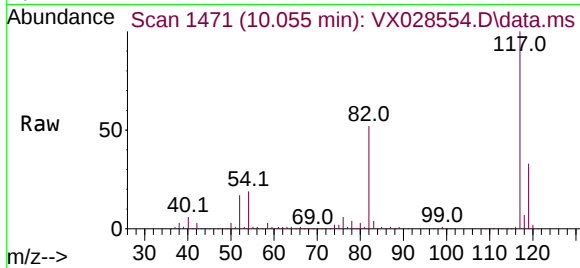




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

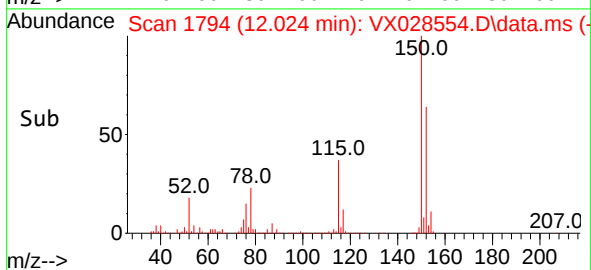
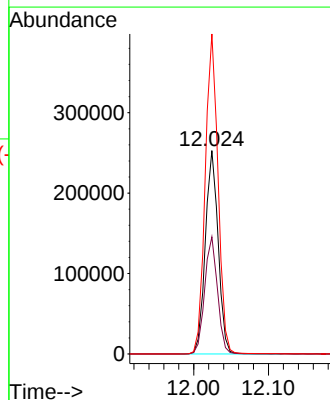
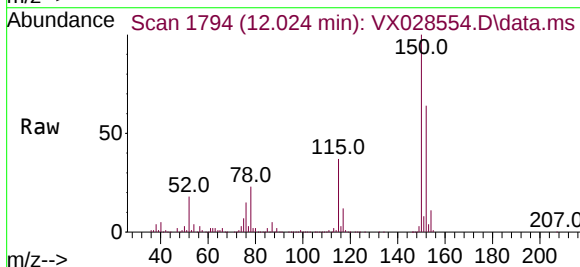
Instrument :
MSVOA_X
ClientSampleId :
TP-28

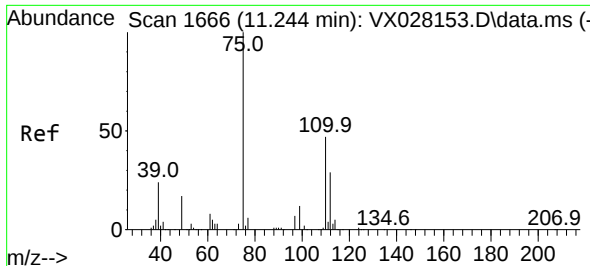
Tgt Ion:117 Resp: 660593
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 33.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion:152 Resp: 301386
Ion Ratio Lower Upper
152 100
115 57.4 37.5 112.7
150 157.4 0.0 338.2

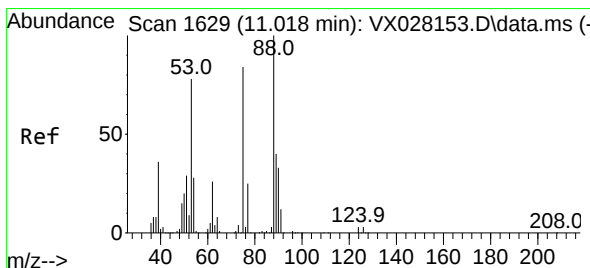
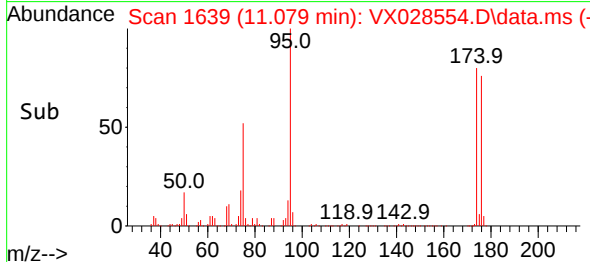
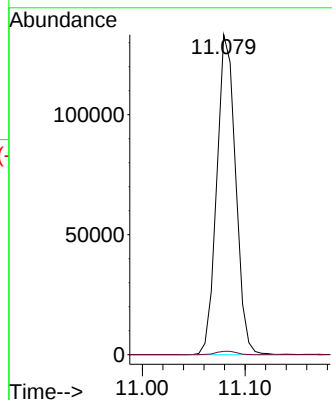
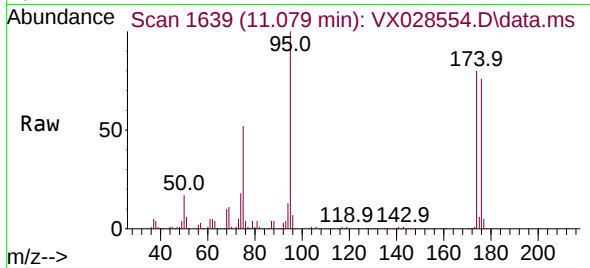




#76
1,2,3-Trichloropropane
Concen: 28.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

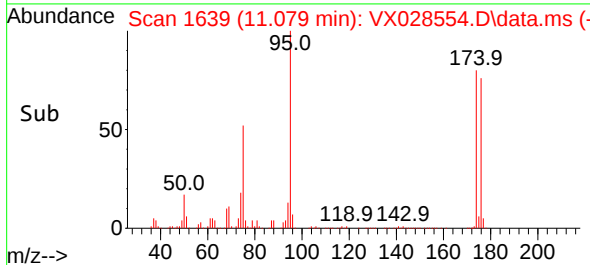
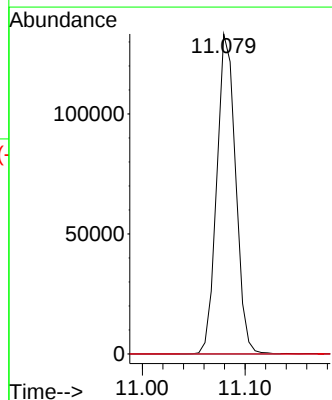
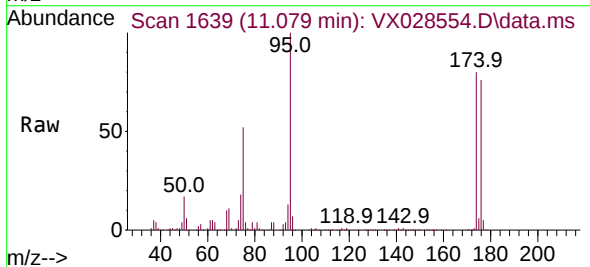
Instrument :
MSVOA_X
ClientSampleId :
TP-28

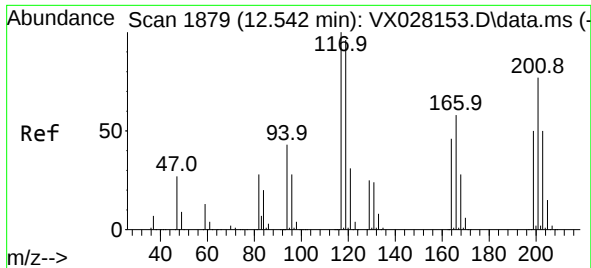
Tgt Ion: 75 Resp: 169485
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.914 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028554.D
Acq: 06 May 2022 16:55

Tgt Ion: 75 Resp: 169485
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#90
 Hexachloroethane
 Concen: 1.822 ug/l
 RT: 12.616 min Scan# 11
 Delta R.T. 0.074 min
 Lab File: VX028554.D
 Acq: 06 May 2022 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-28

Tgt Ion:117 Resp: 30
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.5 118.5#

