

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028788.D
 Acq On : 18 May 2022 03:45
 Operator : JC/MD
 Sample : N2879-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-0516

Quant Time: May 18 05:02:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

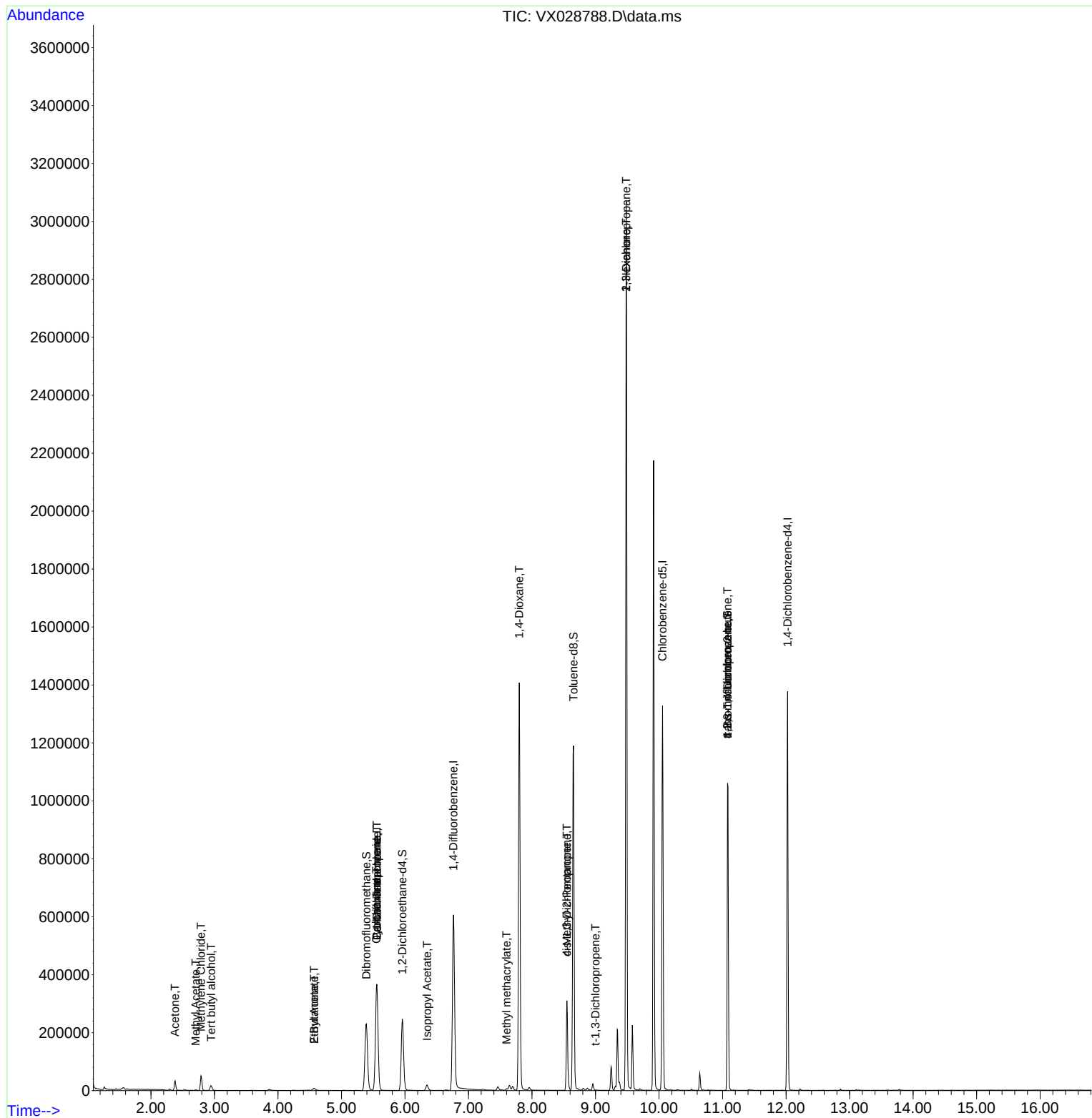
Internal Standards						
1) Pentafluorobenzene	5.556	168	336192	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	600314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	245576	53.289	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.580%	
35) Dibromofluoromethane	5.391	113	200021	50.855	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.700%	
50) Toluene-d8	8.653	98	715225	48.232	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.460%	
62) 4-Bromofluorobenzene	11.079	95	291018	52.543	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.080%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	740	Below Cal		87
6) Chloroethane	1.654	64	110	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	9995	2.315	ug/l #	77
16) Acetone	2.380	43	35343	17.870	ug/l	88
18) Methyl Acetate	2.703	43	2011	0.406	ug/l	93
20) Methylene Chloride	2.788	84	22660	5.461	ug/l	96
25) 2-Butanone	4.568	43	7581	2.442	ug/l #	84
31) Cyclohexane	5.550	56	7478	1.169	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	28206	4.775	ug/l #	50
37) Ethyl Acetate	4.568	43	7581	1.229	ug/l #	65
38) Carbon Tetrachloride	5.556	117	36944	6.214	ug/l #	15
43) Isopropyl Acetate	6.348	43	25785	2.671	ug/l	95
48) Methyl methacrylate	7.598	41	7863	1.686	ug/l #	7
49) 1,4-Dioxane	7.799	88	171	1.468	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	104593	16.449	ug/l #	44
53) t-1,3-Dichloropropene	9.000	75	29	1.645	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	49191	7.444	ug/l #	69
57) 1,3-Dichloropropane	9.482	76	27116	3.610	ug/l #	43
59) 2-Hexanone	9.482	43	351710	71.196	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	155448	24.478	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	155448	71.241	ug/l #	15

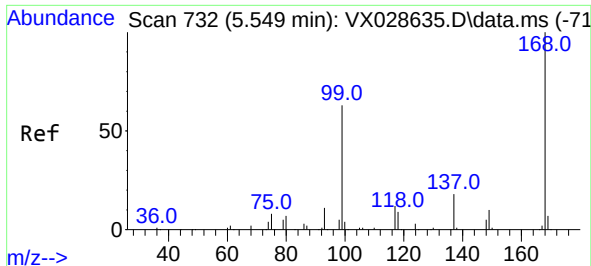
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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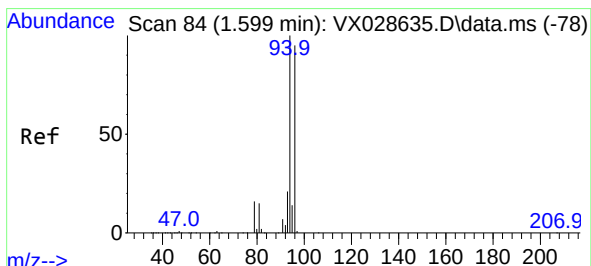
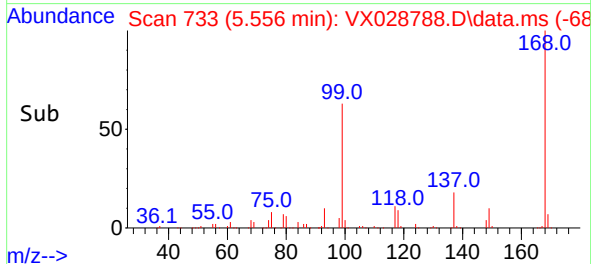
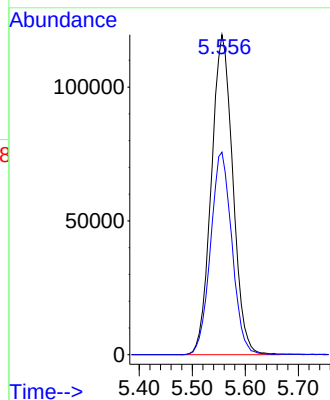
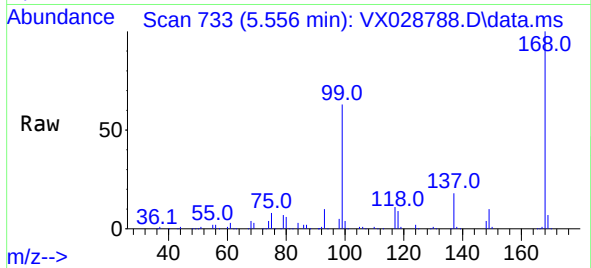




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

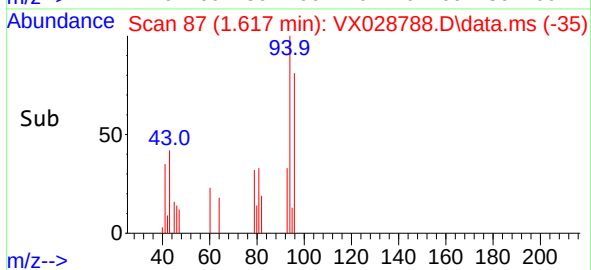
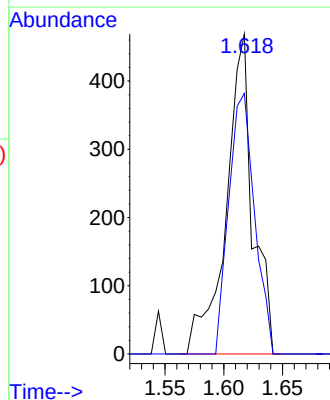
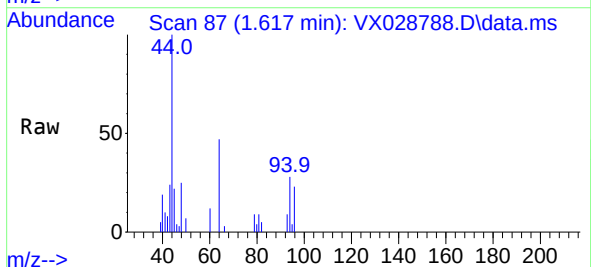
Instrument :
MSVOA_X
ClientSampleId :
TP-3-0516

Tgt Ion:168 Resp: 336192
Ion Ratio Lower Upper
168 100
99 63.3 41.7 62.5#

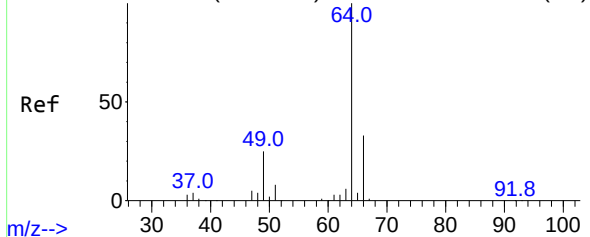


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

Tgt Ion: 94 Resp: 740
Ion Ratio Lower Upper
94 100
96 81.4 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.654 min Scan# 91

Delta R.T. -0.024 min

Lab File: VX028788.D

Acq: 18 May 2022 03:45

Instrument :

MSVOA_X

ClientSampleId :

TP-3-0516

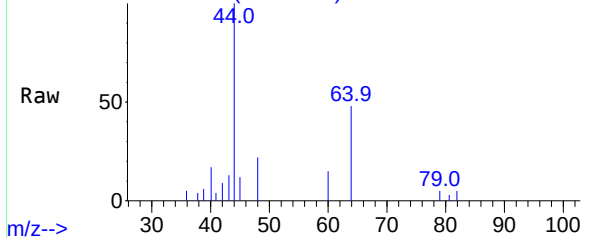
Tgt Ion: 64 Resp: 110

Ion Ratio Lower Upper

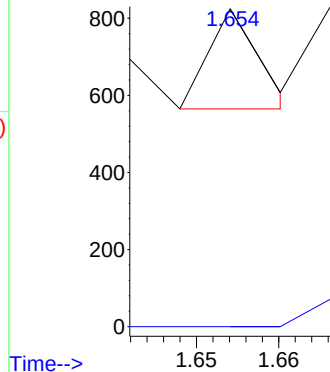
64 100

66 0.0 25.3 37.9#

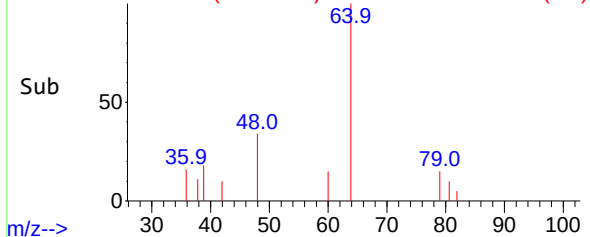
Abundance Scan 93 (1.654 min): VX028788.D\data.ms



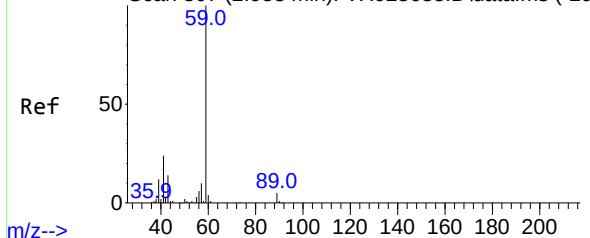
Abundance



Abundance Scan 93 (1.654 min): VX028788.D\data.ms (-48)



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 2.315 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.011 min

Lab File: VX028788.D

Acq: 18 May 2022 03:45

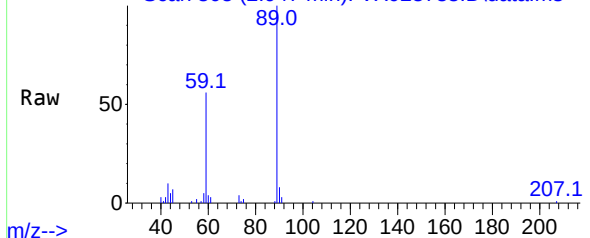
Tgt Ion: 59 Resp: 9995

Ion Ratio Lower Upper

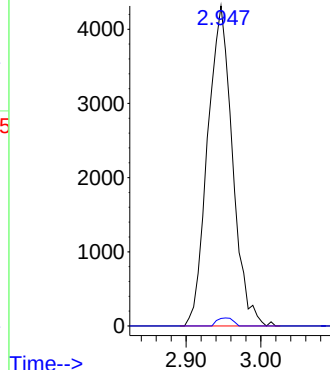
59 100

57 1.6 8.3 12.5#

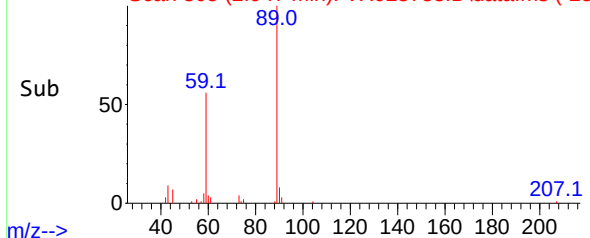
Abundance Scan 305 (2.947 min): VX028788.D\data.ms

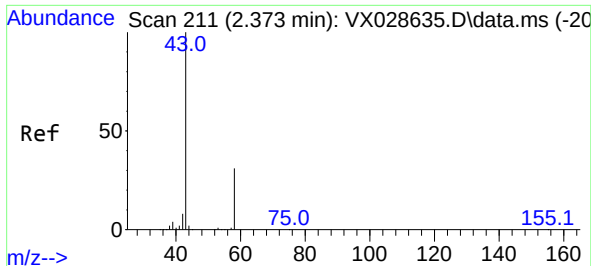


Abundance



Abundance Scan 305 (2.947 min): VX028788.D\data.ms (-25)

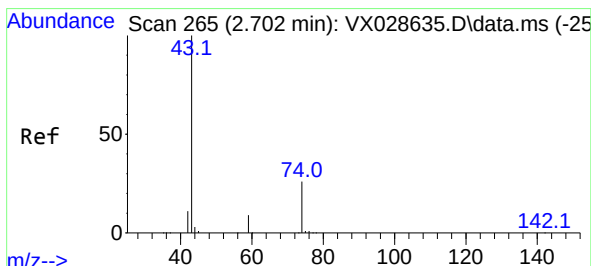
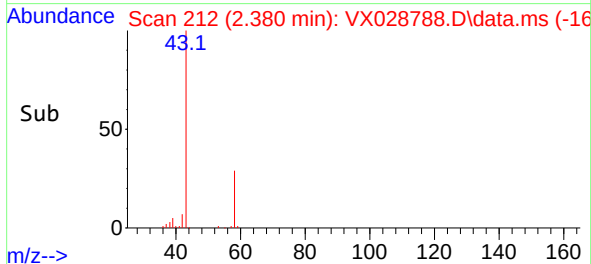
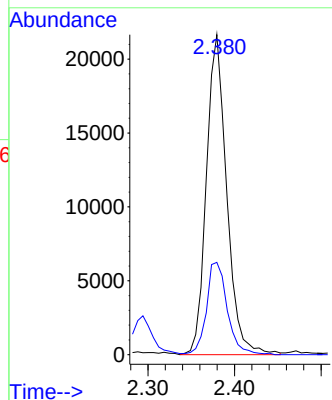
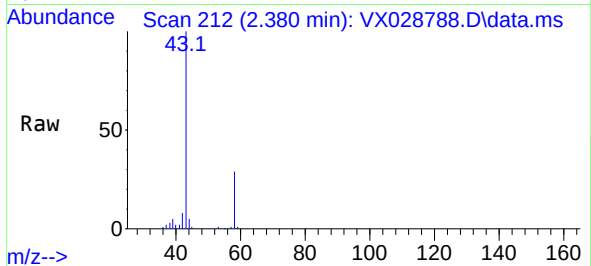




#16
Acetone
Concen: 17.870 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

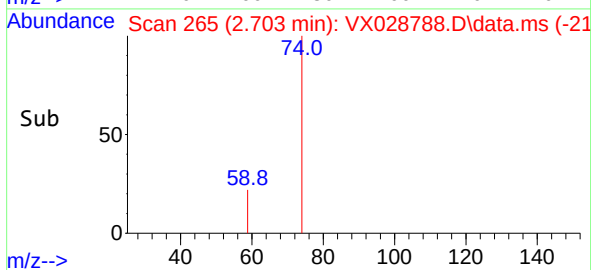
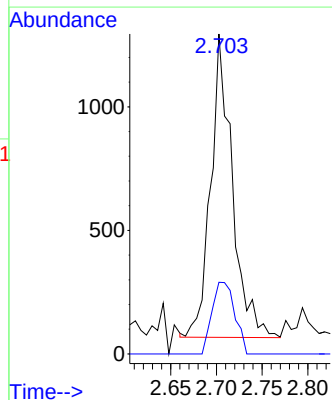
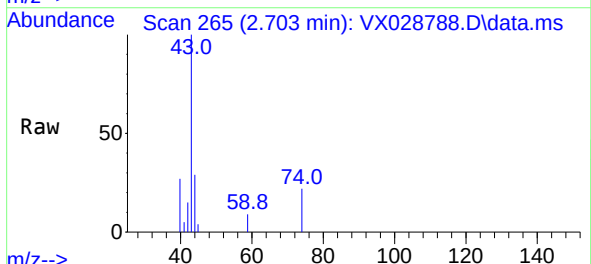
Instrument :
MSVOA_X
ClientSampleId :
TP-3-0516

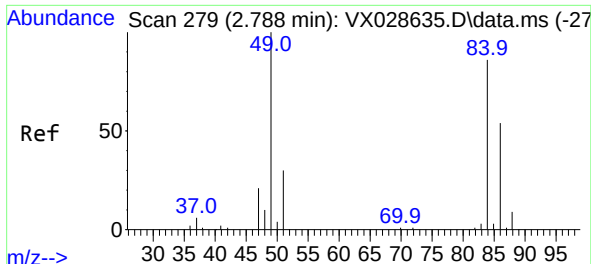
Tgt Ion: 43 Resp: 35343
Ion Ratio Lower Upper
43 100
58 28.9 28.8 43.2



#18
Methyl Acetate
Concen: 0.406 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
74 24.9 22.8 34.2



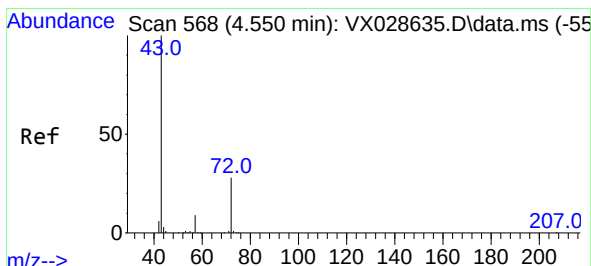
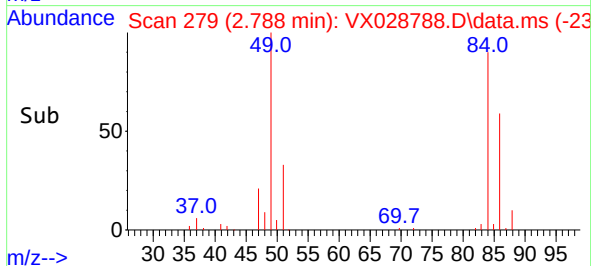
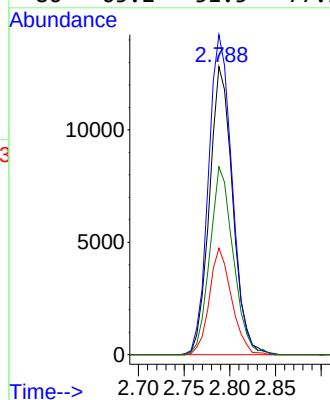
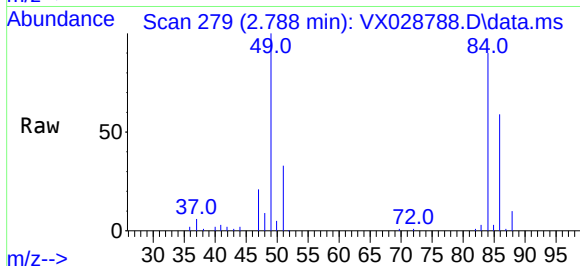


#20
Methylene Chloride
Concen: 5.461 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

Instrument :
MSVOA_X
ClientSampleId :
TP-3-0516

Tgt Ion: 84 Resp: 22660

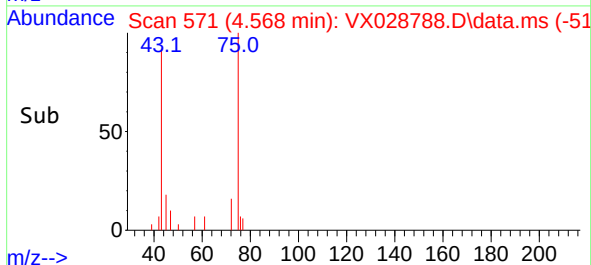
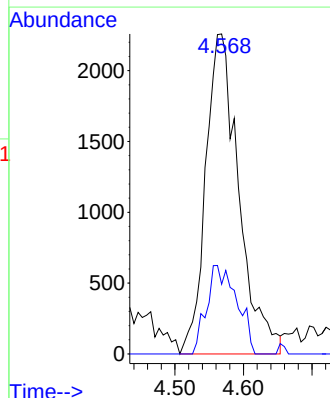
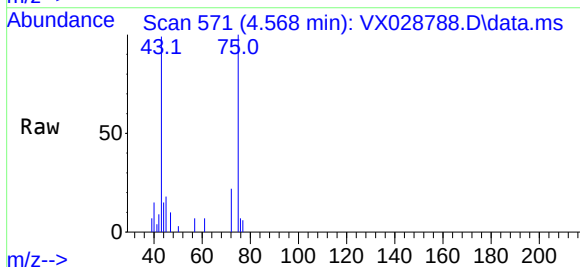
Ion	Ratio	Lower	Upper
84	100		
49	111.1	85.5	128.3
51	37.0	26.6	39.8
86	65.2	51.5	77.3

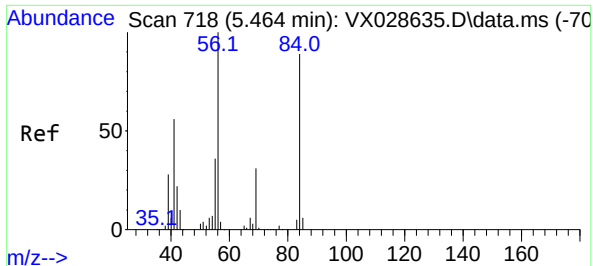


#25
2-Butanone
Concen: 2.442 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

Tgt Ion: 43 Resp: 7581

Ion	Ratio	Lower	Upper
43	100		
72	21.8	24.4	36.6#

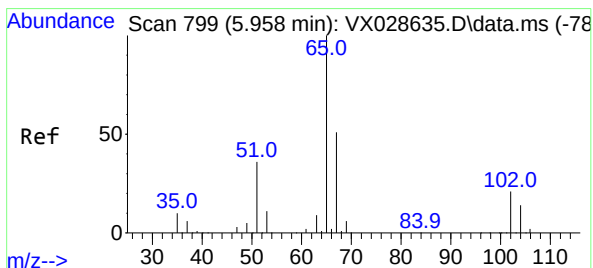
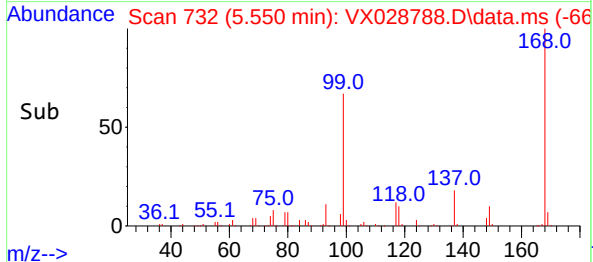
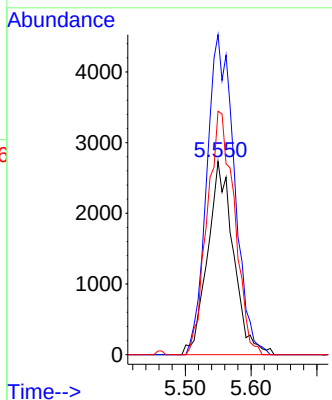
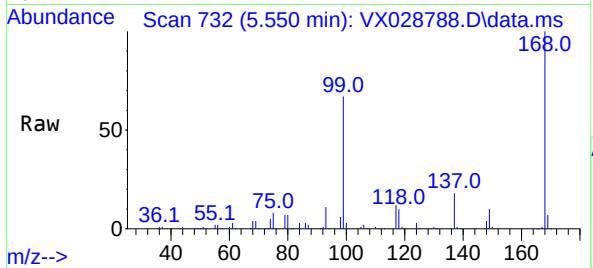




#31
Cyclohexane
Concen: 1.169 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

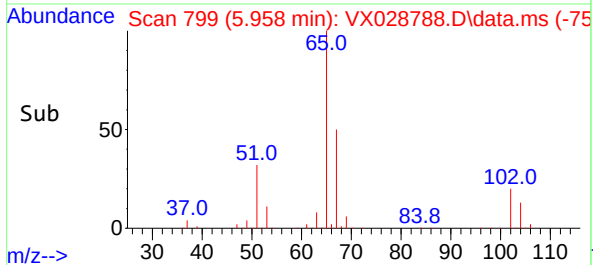
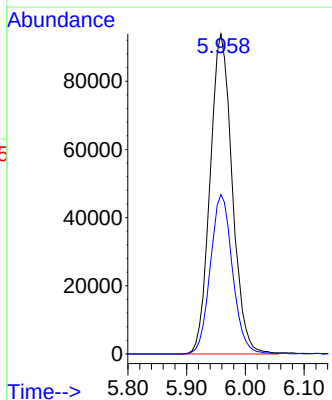
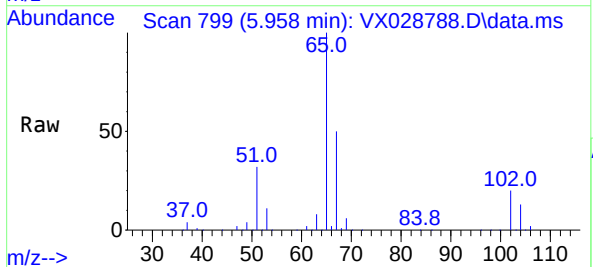
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ClientSampleId :
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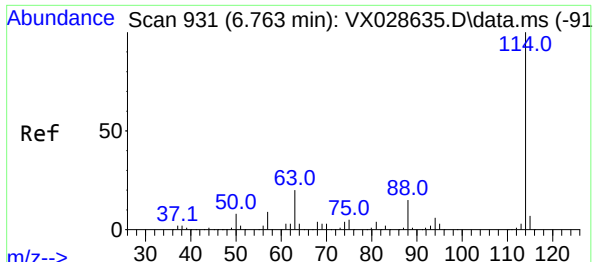
Tgt Ion: 56 Resp: 7478
Ion Ratio Lower Upper
56 100
69 165.6 26.7 40.1#
84 126.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 53.289 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

Tgt Ion: 65 Resp: 245576
Ion Ratio Lower Upper
65 100
67 49.8 0.0 107.4

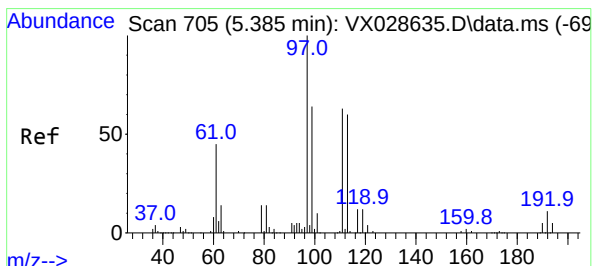
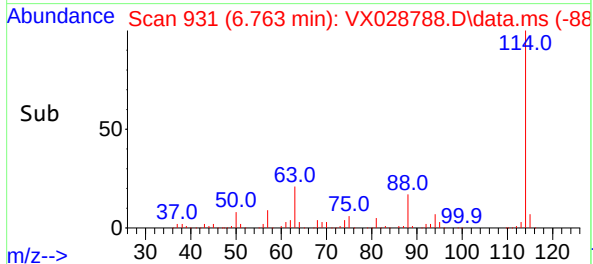
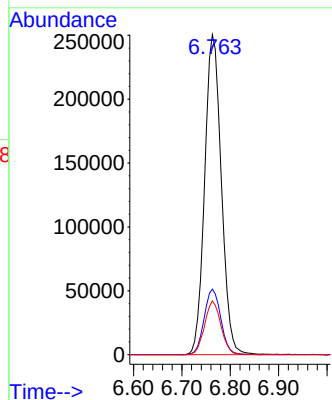
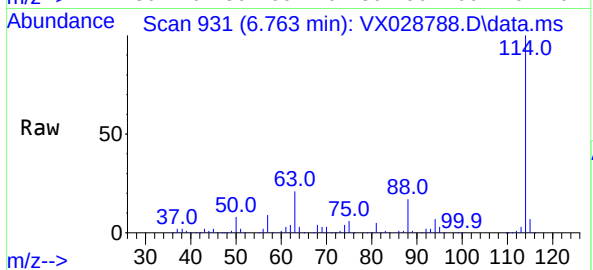




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

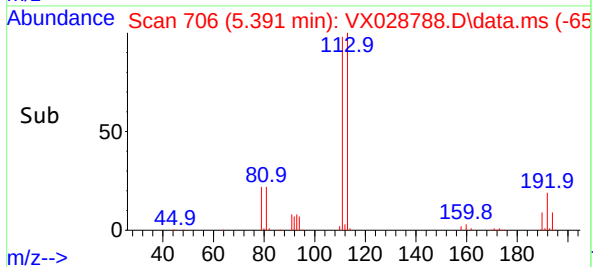
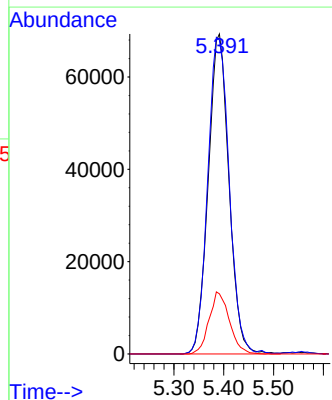
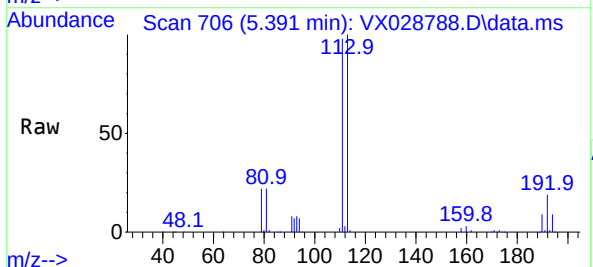
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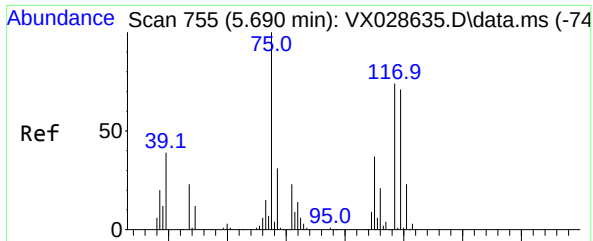
Tgt Ion:114 Resp: 600314
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.855 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

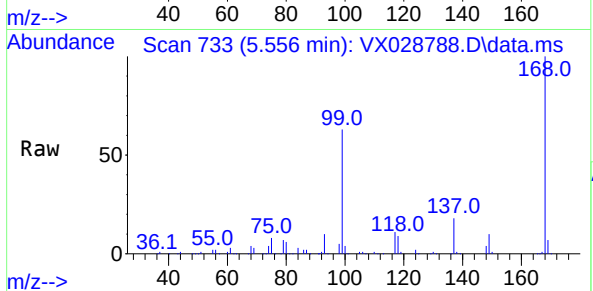
Tgt Ion:113 Resp: 200021
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.0 16.9 25.3



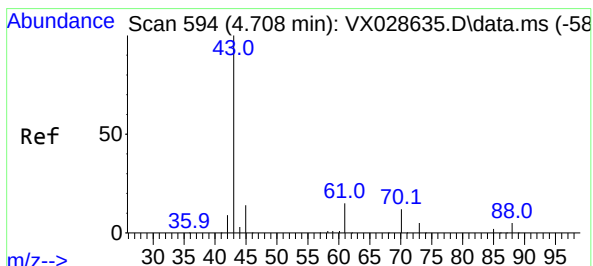
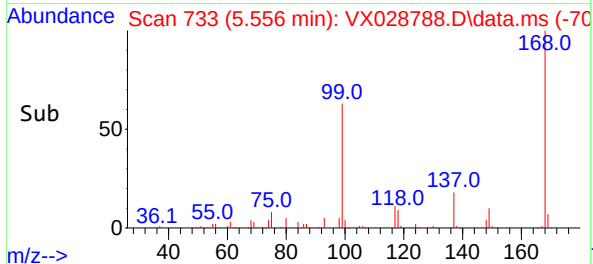
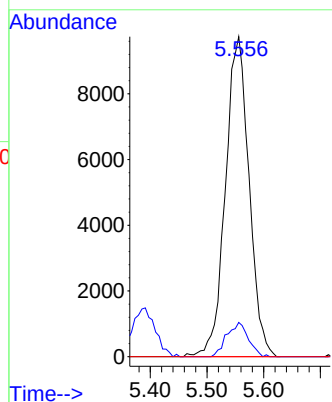


#36
1,1-Dichloropropene
Concen: 4.775 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

Instrument :
MSVOA_X
ClientSampleId :
TP-3-0516

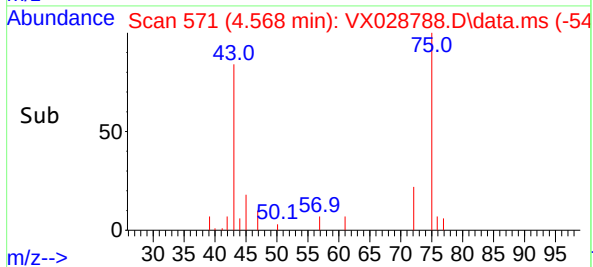
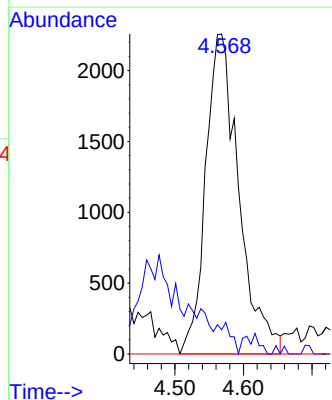
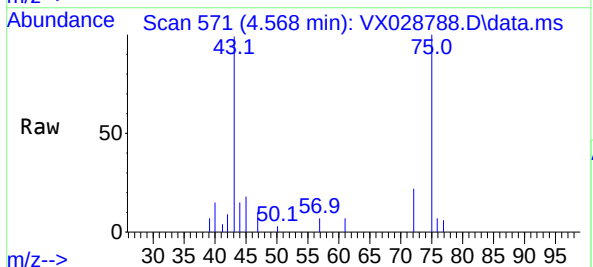


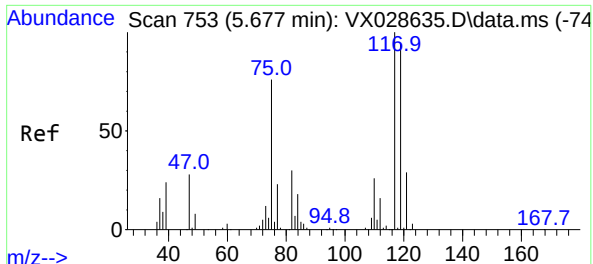
Tgt Ion: 75 Resp: 28206
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.229 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.140 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

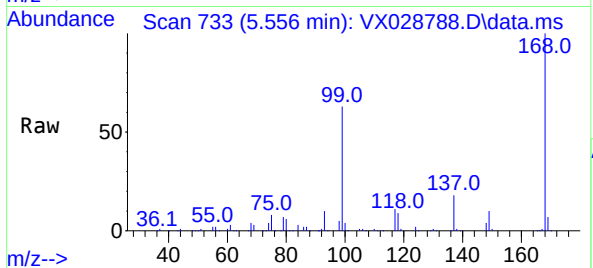
Tgt Ion: 43 Resp: 7581
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#



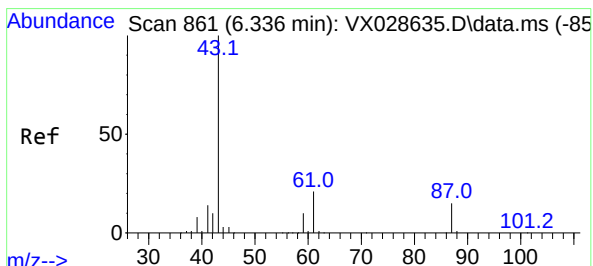
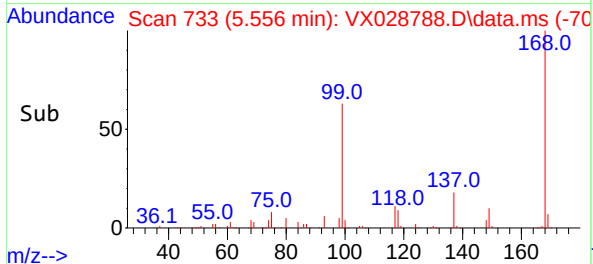
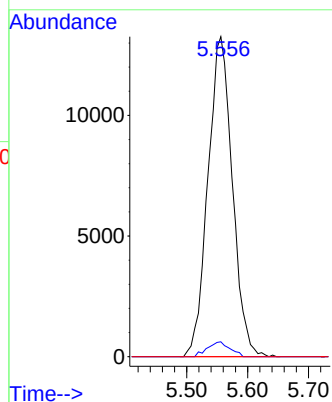


#38
Carbon Tetrachloride
Concen: 6.214 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

Instrument :
MSVOA_X
ClientSampleId :
TP-3-0516

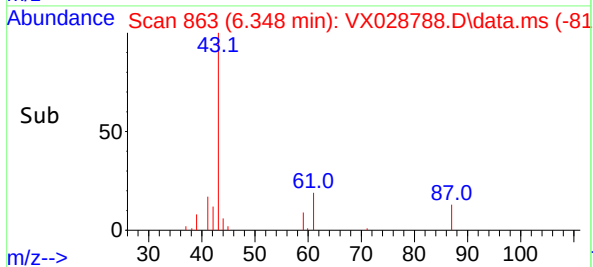
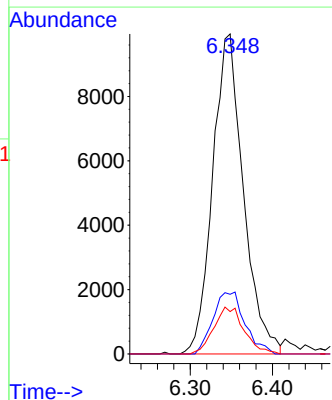
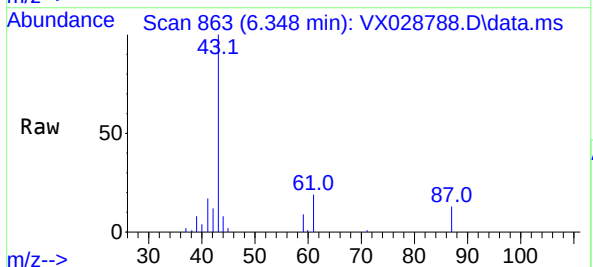


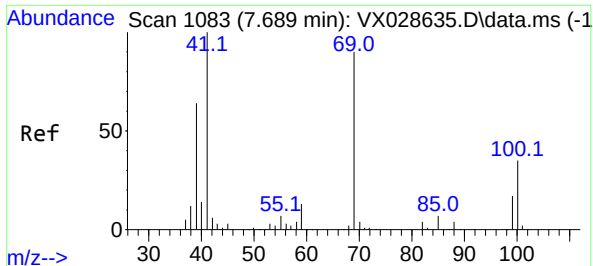
Tgt Ion:117 Resp: 36944
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.671 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

Tgt Ion: 43 Resp: 25785
Ion Ratio Lower Upper
43 100
61 20.1 18.5 27.7
87 14.5 13.0 19.6

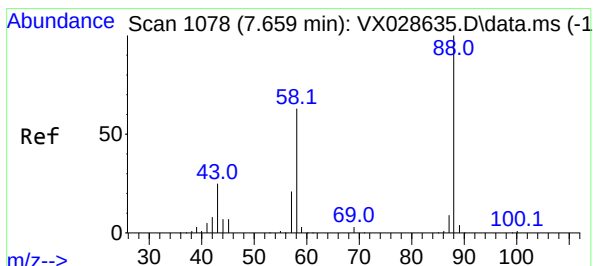
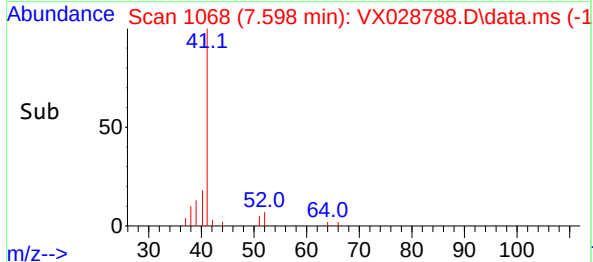
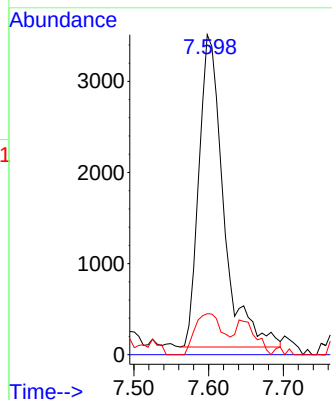
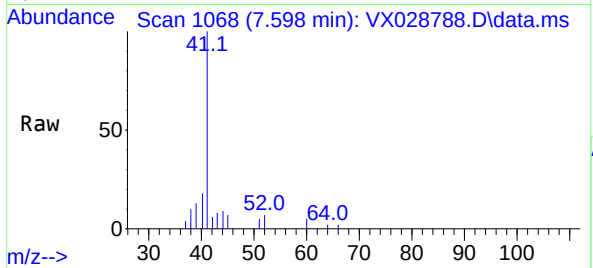




#48
Methyl methacrylate
Concen: 1.686 ug/l
RT: 7.598 min Scan# 1100
Delta R.T. -0.091 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

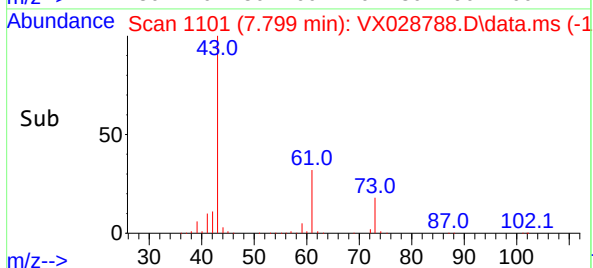
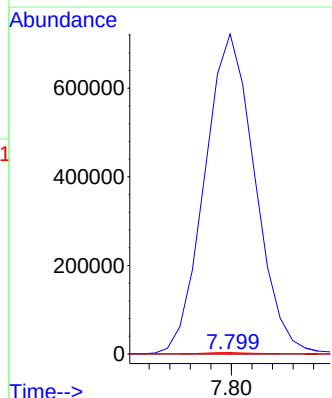
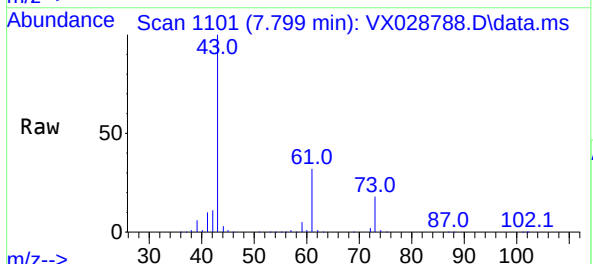
Instrument :
MSVOA_X
ClientSampleId :
TP-3-0516

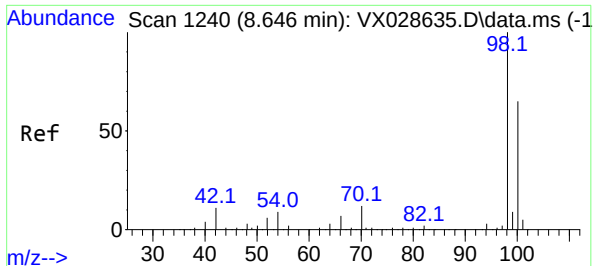
Tgt Ion: 41 Resp: 7863
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#



#49
1,4-Dioxane
Concen: 1.468 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.140 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

Tgt Ion: 88 Resp: 171
Ion Ratio Lower Upper
88 100
43 723425.7 21.9 32.9#
58 3149.7 53.7 80.5#

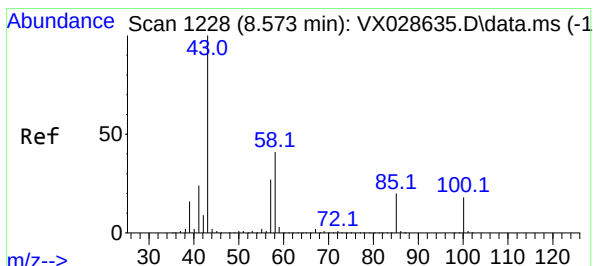
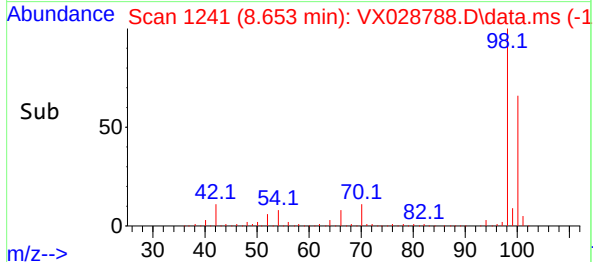
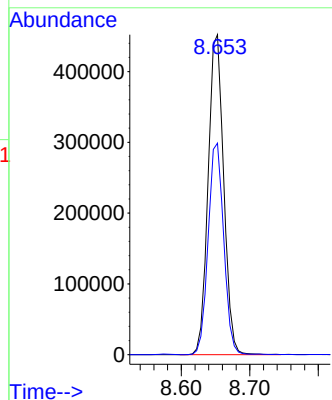
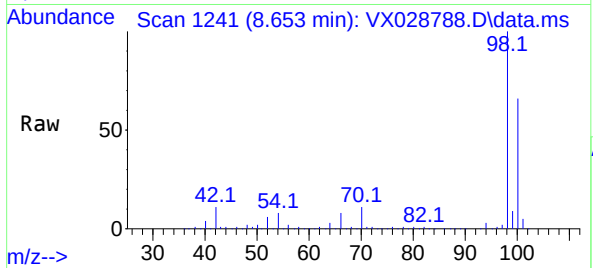




#50
Toluene-d8
Concen: 48.232 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

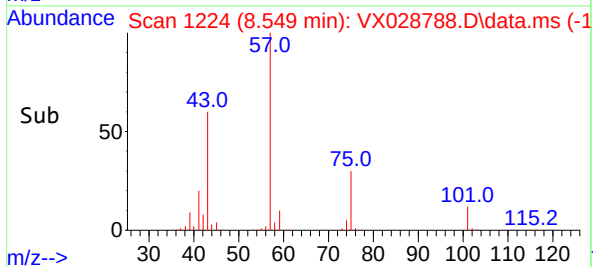
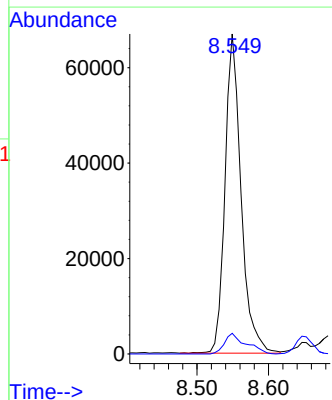
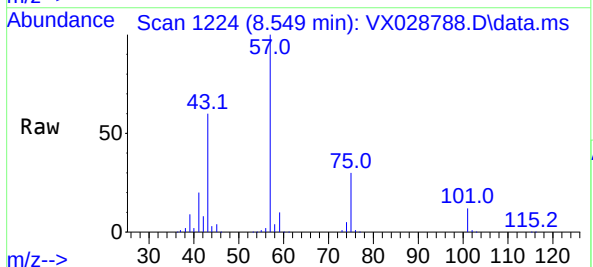
Instrument :
MSVOA_X
ClientSampleId :
TP-3-0516

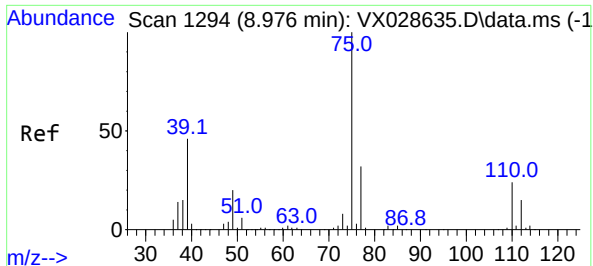
Tgt Ion: 98 Resp: 715225
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 16.449 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

Tgt Ion: 43 Resp: 104593
Ion Ratio Lower Upper
43 100
58 8.6 36.1 54.1#





#53

t-1,3-Dichloropropene

Concen: 1.645 ug/l

RT: 9.000 min Scan# 11

Delta R.T. 0.024 min

Lab File: VX028788.D

Acq: 18 May 2022 03:45

Instrument :

MSVOA_X

ClientSampleId :

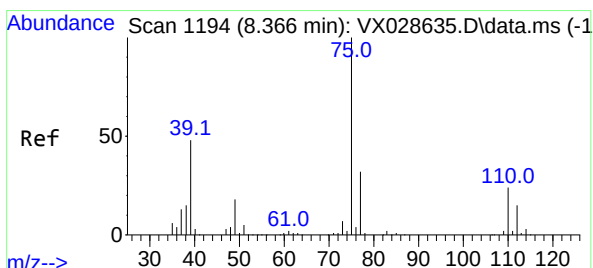
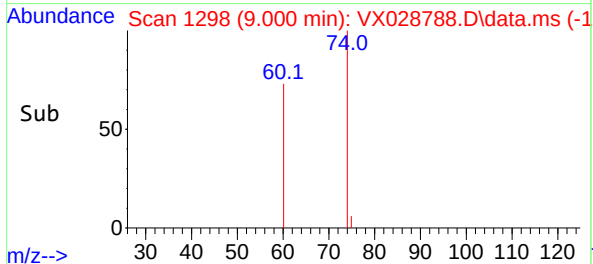
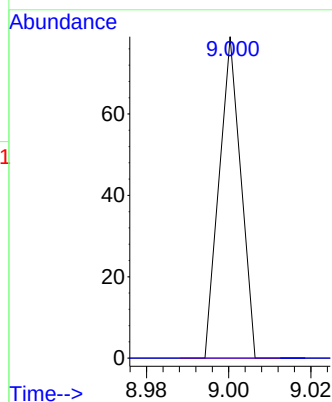
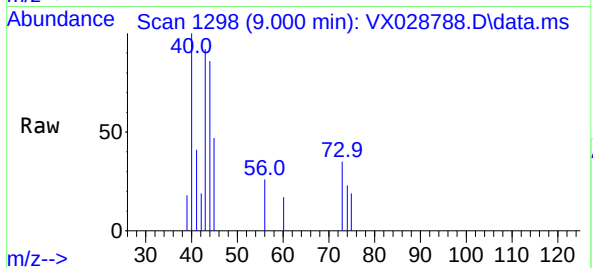
TP-3-0516

Tgt Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#54

cis-1,3-Dichloropropene

Concen: 7.444 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX028788.D

Acq: 18 May 2022 03:45

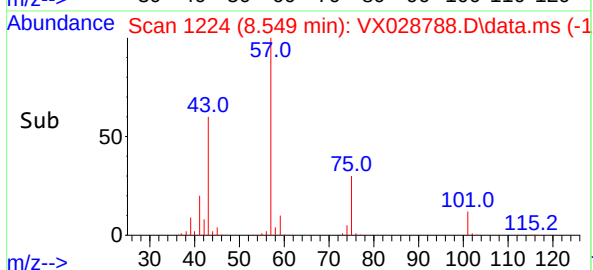
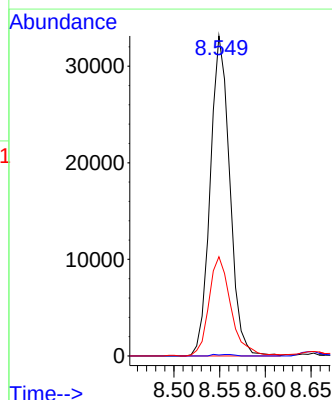
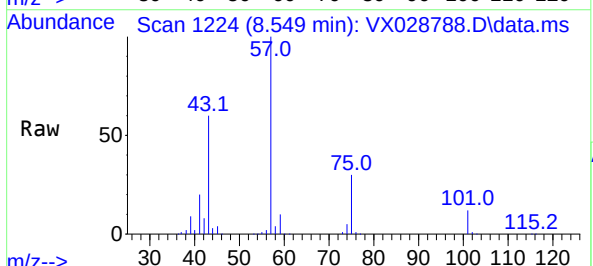
Tgt Ion: 75 Resp: 49191

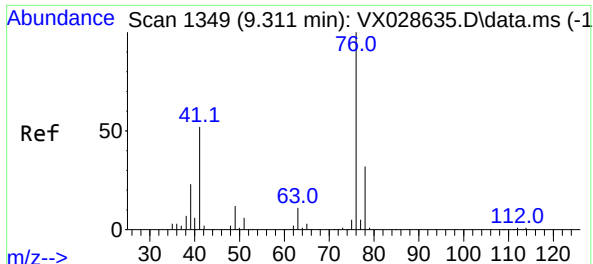
Ion Ratio Lower Upper

75 100

77 0.3 24.8 37.2#

39 31.0 29.6 44.4

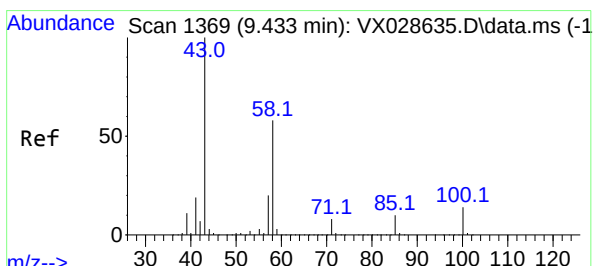
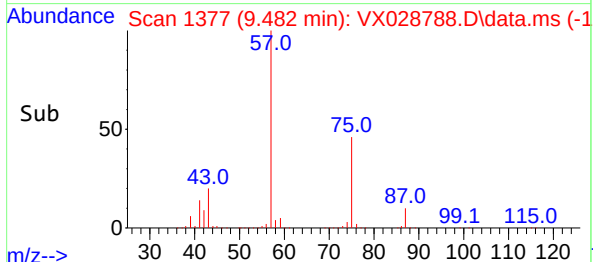
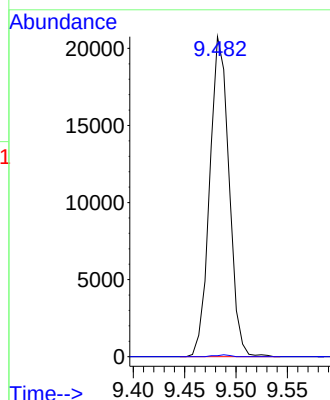
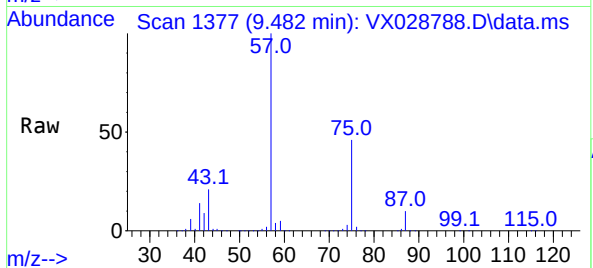




#57
1,3-Dichloropropane
Concen: 3.610 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

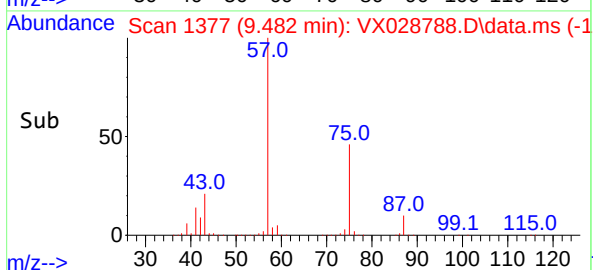
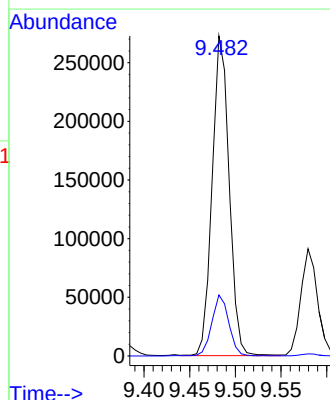
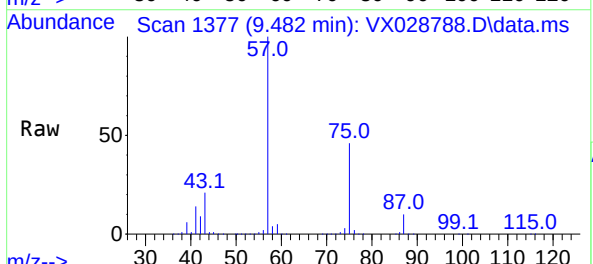
Instrument :
MSVOA_X
ClientSampleId :
TP-3-0516

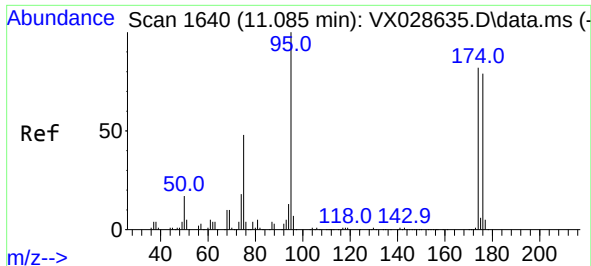
Tgt Ion: 76 Resp: 27116
Ion Ratio Lower Upper
76 100
78 0.4 25.8 38.8#



#59
2-Hexanone
Concen: 71.196 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

Tgt Ion: 43 Resp: 351710
Ion Ratio Lower Upper
43 100
58 19.1 31.9 95.7#

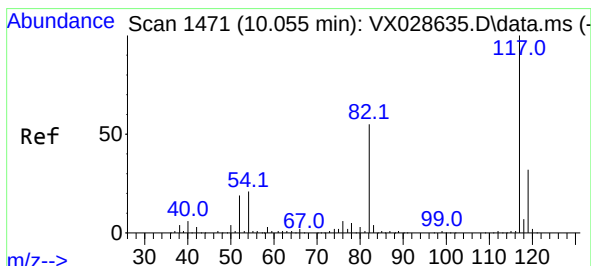
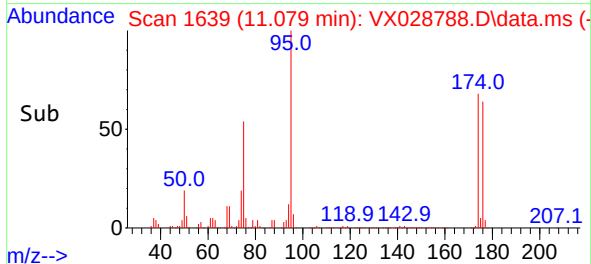
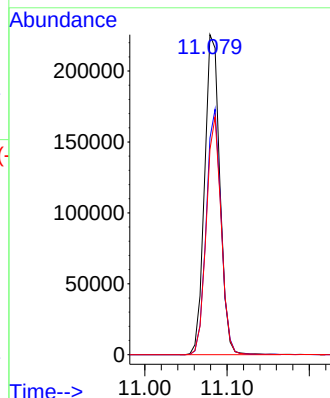
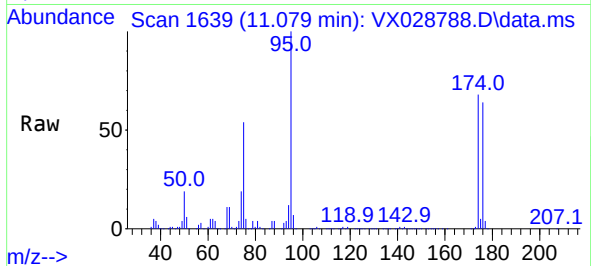




#62
4-Bromofluorobenzene
Concen: 52.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

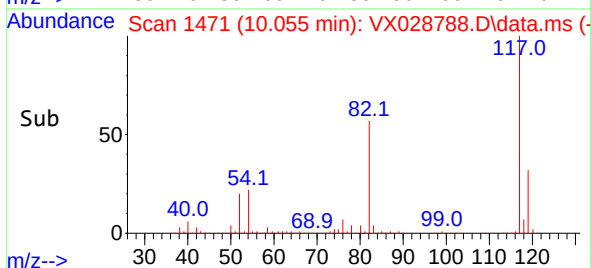
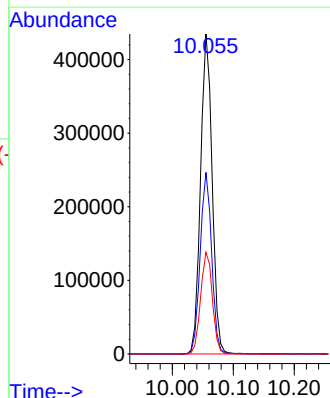
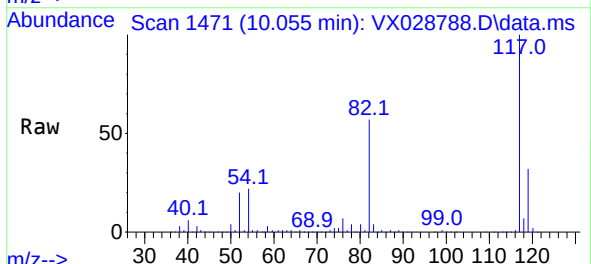
Instrument :
MSVOA_X
ClientSampleId :
TP-3-0516

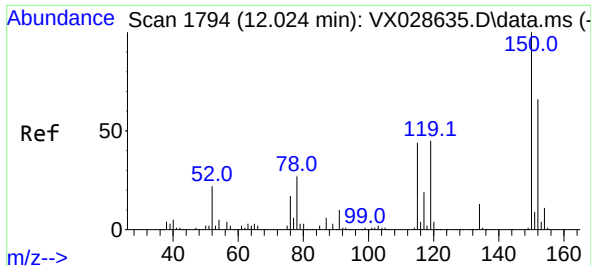
Tgt Ion: 95 Resp: 291018
Ion Ratio Lower Upper
95 100
174 74.6 0.0 163.0
176 72.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

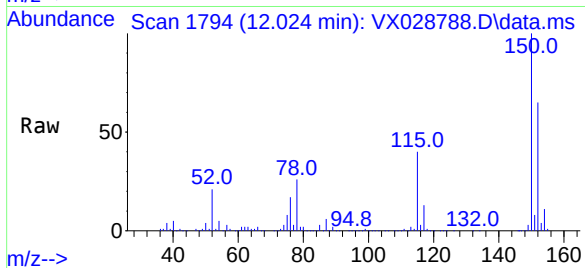
Tgt Ion: 117 Resp: 575719
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 31.8 24.8 37.2



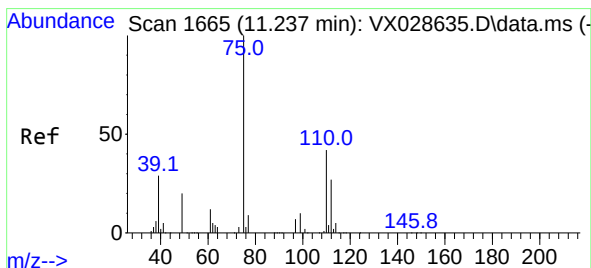
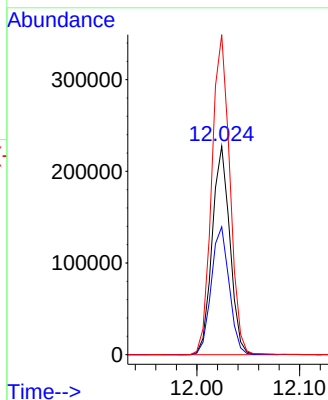
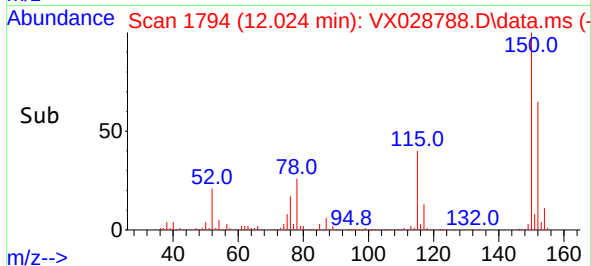


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45

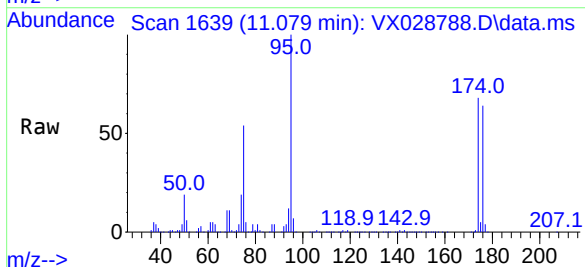
Instrument :
MSVOA_X
ClientSampleId :
TP-3-0516



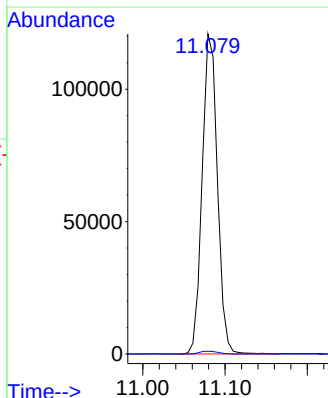
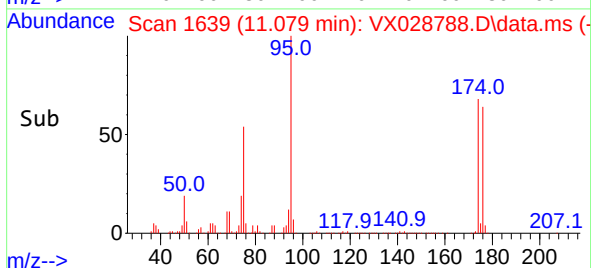
Tgt Ion:152 Resp: 271173
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 157.0 0.0 338.2

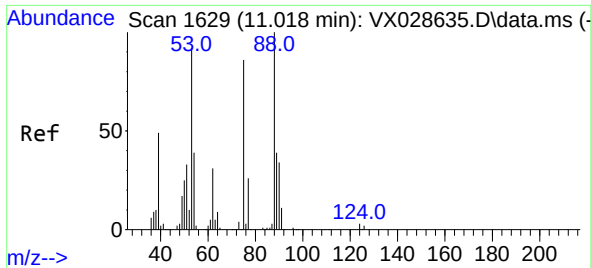


#76
1,2,3-Trichloropropane
Concen: 24.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028788.D
Acq: 18 May 2022 03:45



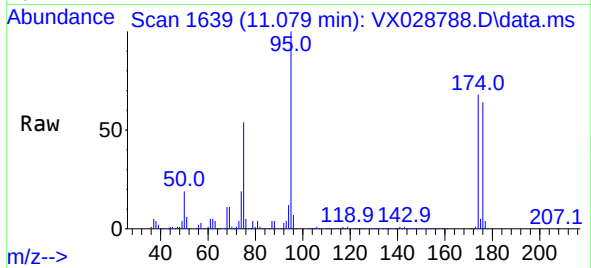
Tgt Ion: 75 Resp: 155448
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.241 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028788.D
 Acq: 18 May 2022 03:45

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-0516



Tgt Ion: 75 Resp: 155448
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

