

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028743.D
 Acq On : 16 May 2022 19:49
 Operator : JC/MD
 Sample : PB144859TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144859TB

Quant Time: May 17 03:41:31 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)

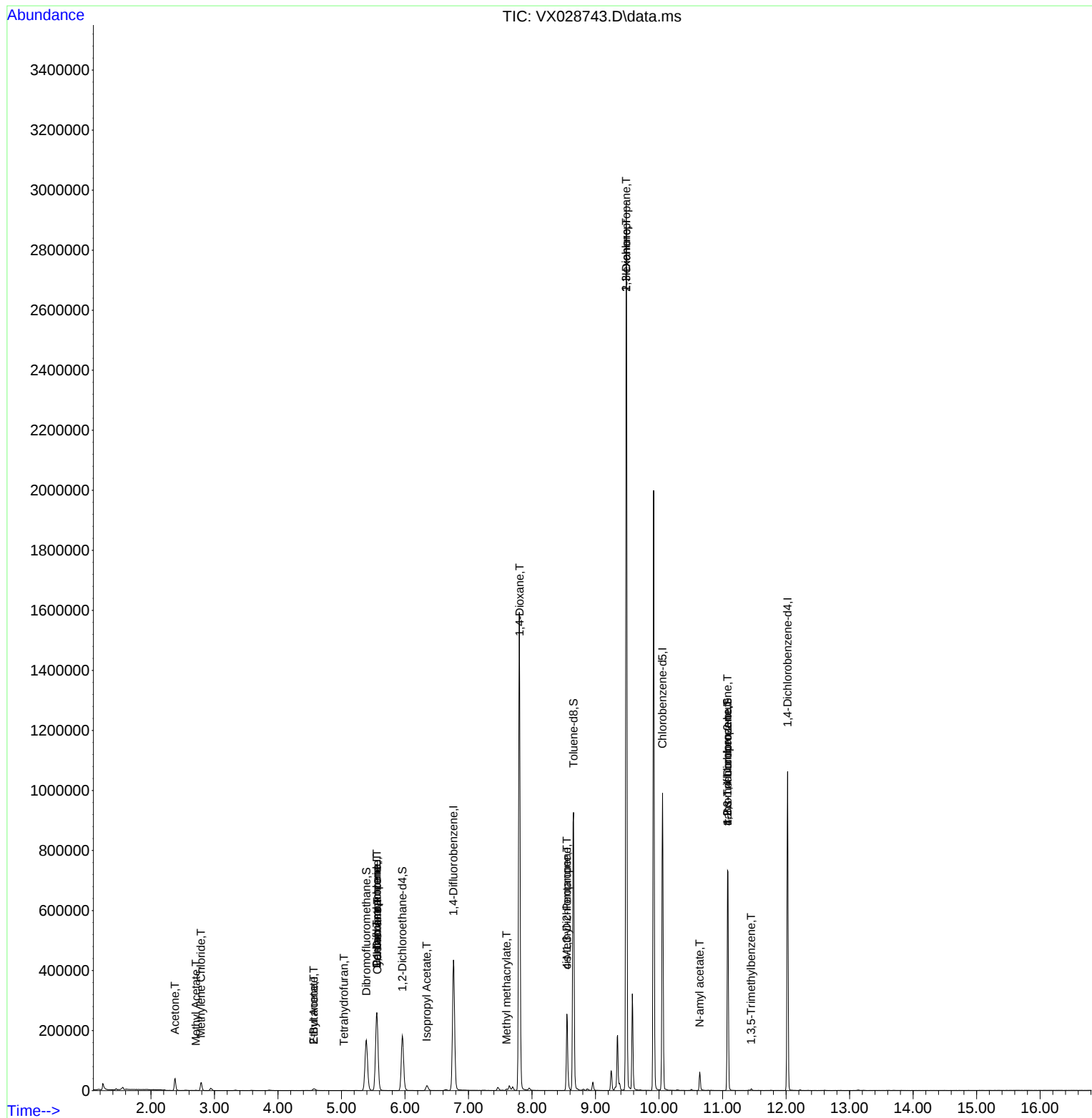
Internal Standards						
1) Pentafluorobenzene	5.556	168	234430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	424776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170622	53.096	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.200%			
35) Dibromofluoromethane	5.391	113	144955	50.829	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.660%			
50) Toluene-d8	8.653	98	540762	50.295	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.580%			
62) 4-Bromofluorobenzene	11.079	95	197379	49.149	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.300%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	450	Below Cal		87
6) Chloroethane	1.605	64	537	Below Cal		98
11) Tert butyl alcohol	2.941	59	4363	Below Cal	#	72
16) Acetone	2.380	43	42150	30.562	ug/l	91
18) Methyl Acetate	2.709	43	1599	0.463	ug/l	# 73
20) Methylene Chloride	2.788	84	12068	4.171	ug/l	96
25) 2-Butanone	4.562	43	8591	3.968	ug/l	97
29) Tetrahydrofuran	5.038	42	442	0.314	ug/l	# 25
31) Cyclohexane	5.562	56	5474	1.227	ug/l	# 29
36) 1,1-Dichloropropene	5.556	75	19842	4.632	ug/l	# 50
37) Ethyl Acetate	4.562	43	8591	1.920	ug/l	# 65
38) Carbon Tetrachloride	5.556	117	25618	5.943	ug/l	# 15
43) Isopropyl Acetate	6.342	43	22185	3.170	ug/l	94
48) Methyl methacrylate	7.598	41	6621	1.958	ug/l	# 7
49) 1,4-Dioxane	7.806	88	157	1.859	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	85000	18.437	ug/l	# 45
54) cis-1,3-Dichloropropene	8.549	75	40151	8.379	ug/l	# 71
57) 1,3-Dichloropropane	9.482	76	26261	4.822	ug/l	# 43
59) 2-Hexanone	9.482	43	336135	93.843	ug/l	# 43
74) N-amyl acetate	10.640	43	15606	2.523	ug/l	# 44
76) 1,2,3-Trichloropropane	11.079	75	105067	21.620	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.451	105	2677	0.204	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	105067	63.374	ug/l	# 15

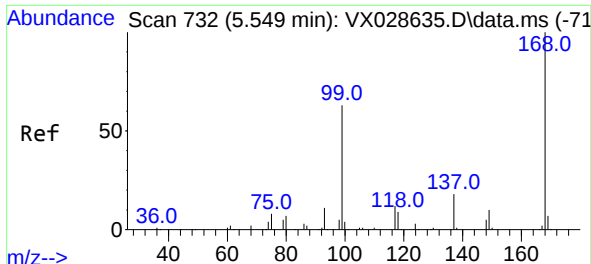
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

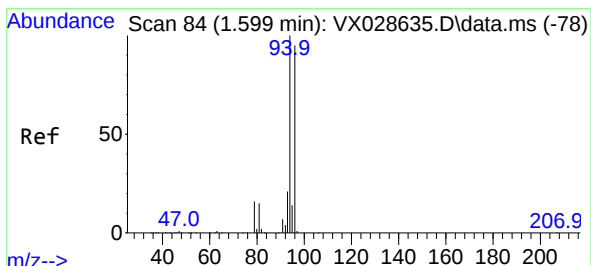
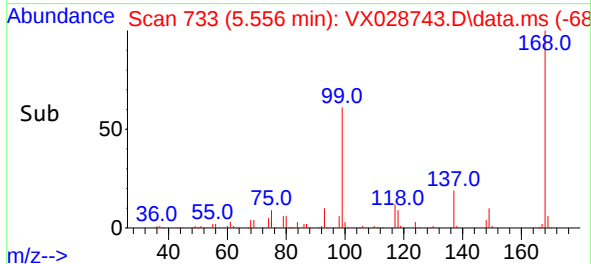
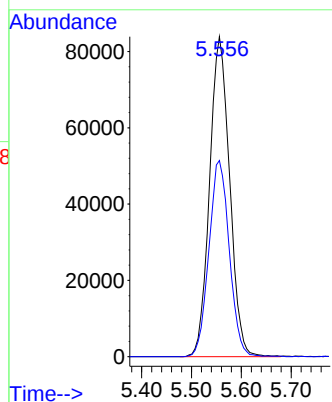
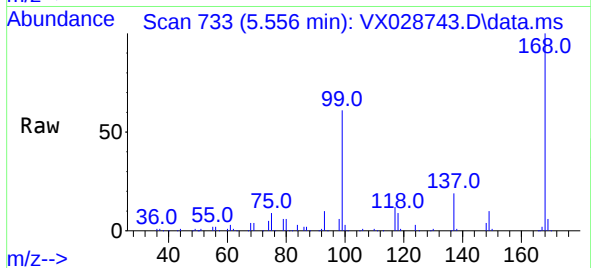




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

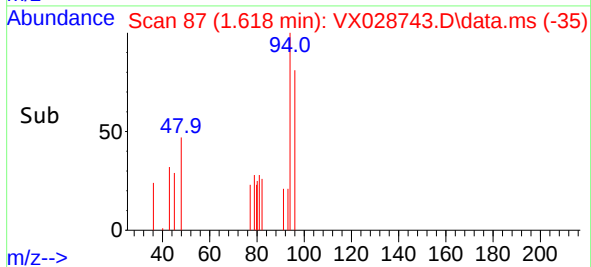
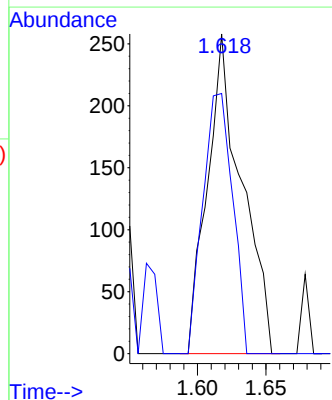
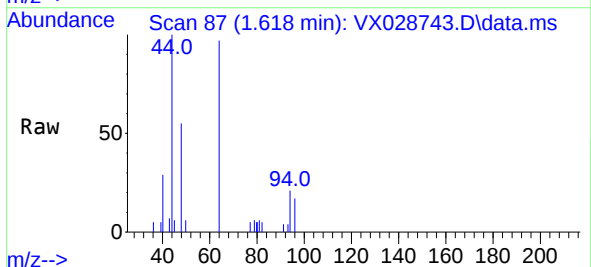
Instrument :
MSVOA_X
ClientSampleId :
PB144859TB

Tgt Ion:168 Resp: 234430
Ion Ratio Lower Upper
168 100
99 61.3 41.7 62.5

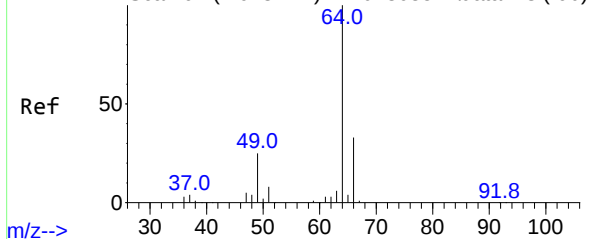


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

Tgt Ion: 94 Resp: 450
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: 1.605 min Scan# 81

Delta R.T. -0.073 min

Lab File: VX028743.D

Acq: 16 May 2022 19:49

Instrument :

MSVOA_X

ClientSampleId :

PB144859TB

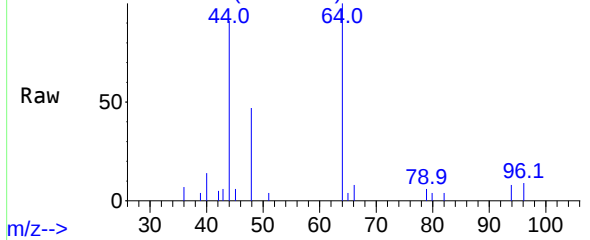
Tgt Ion: 64 Resp: 537

Ion Ratio Lower Upper

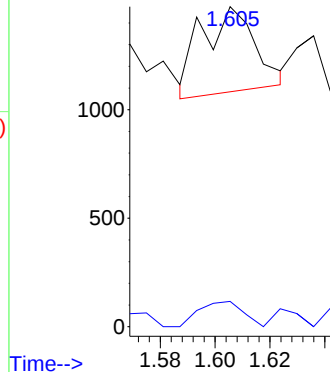
64 100

66 32.5 25.3 37.9

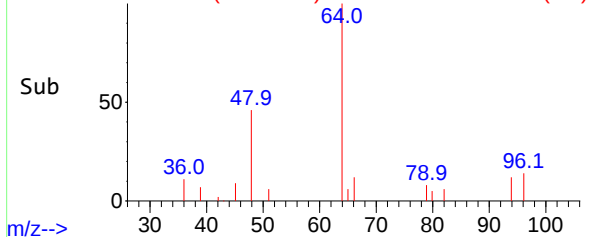
Abundance Scan 85 (1.605 min): VX028743.D\data.ms



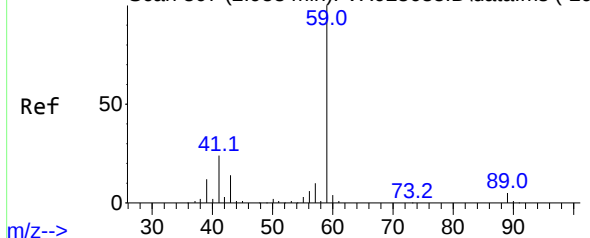
Abundance



Abundance Scan 85 (1.605 min): VX028743.D\data.ms (-48)



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



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.017 min

Lab File: VX028743.D

Acq: 16 May 2022 19:49

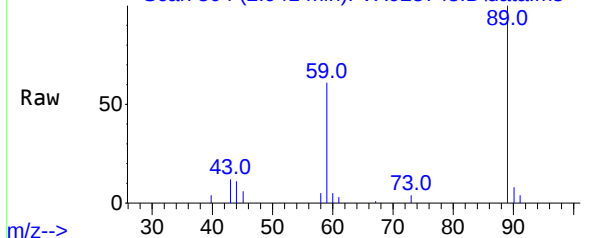
Tgt Ion: 59 Resp: 4363

Ion Ratio Lower Upper

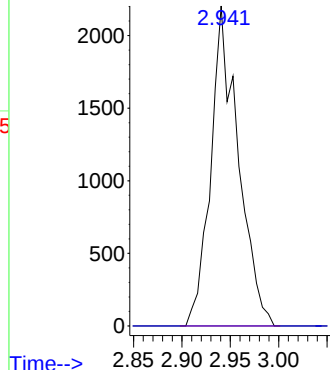
59 100

57 0.0 8.3 12.5#

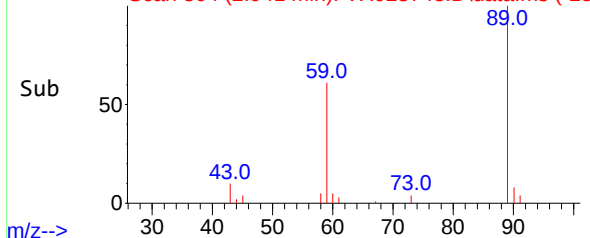
Abundance Scan 304 (2.941 min): VX028743.D\data.ms

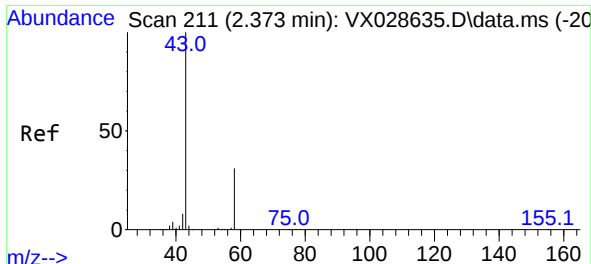


Abundance



Abundance Scan 304 (2.941 min): VX028743.D\data.ms (-25)

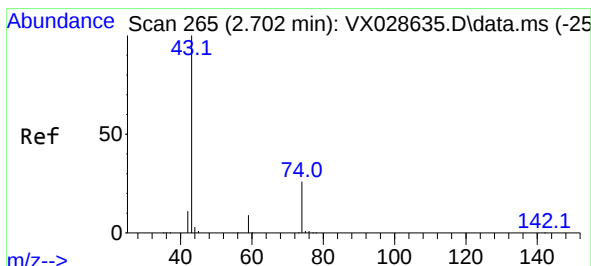
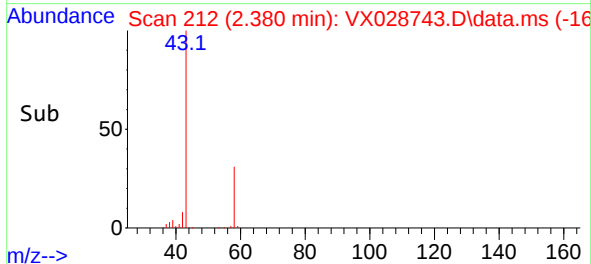
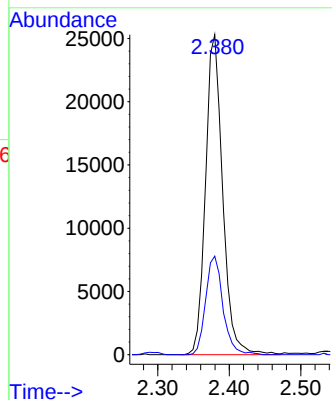
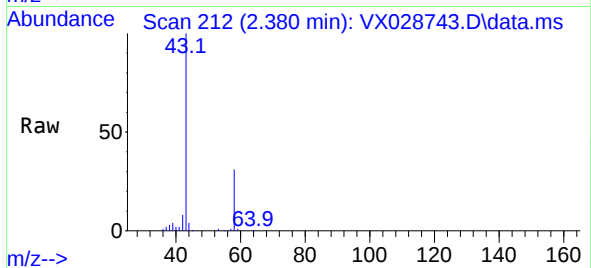




#16
Acetone
Concen: 30.562 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

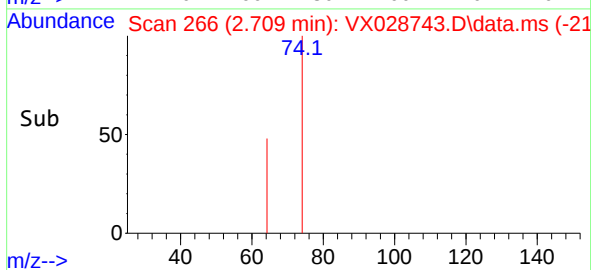
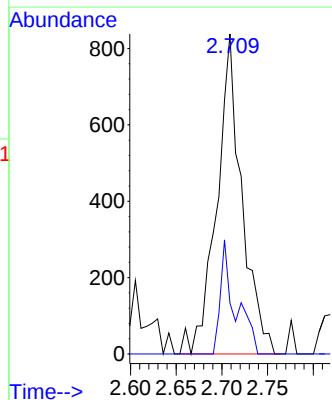
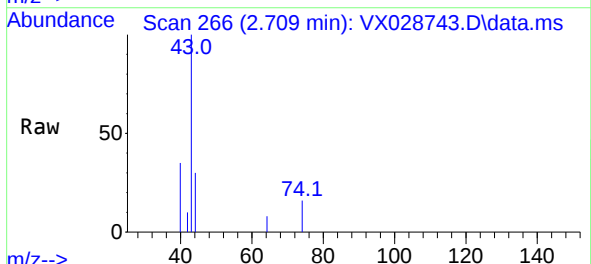
Instrument :
MSVOA_X
ClientSampleId :
PB144859TB

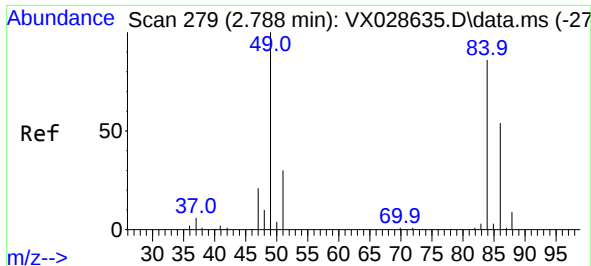
Tgt Ion: 43 Resp: 42150
Ion Ratio Lower Upper
43 100
58 30.8 28.8 43.2



#18
Methyl Acetate
Concen: 0.463 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
74 14.3 22.8 34.2#

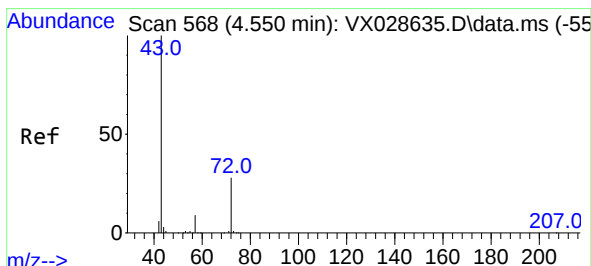
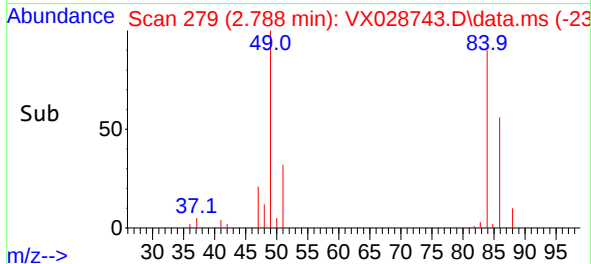
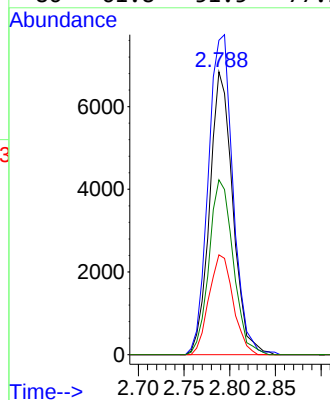
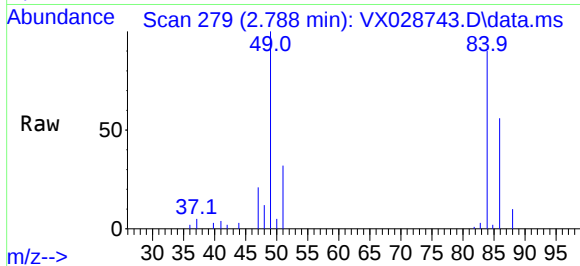




#20
Methylene Chloride
Concen: 4.171 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

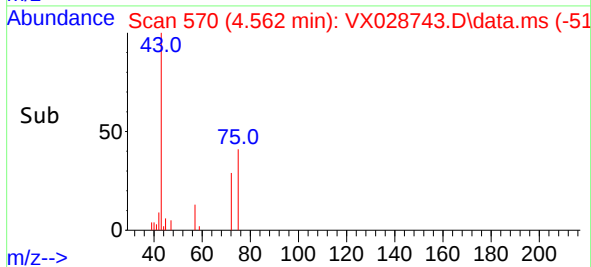
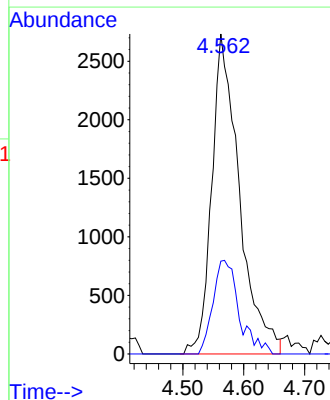
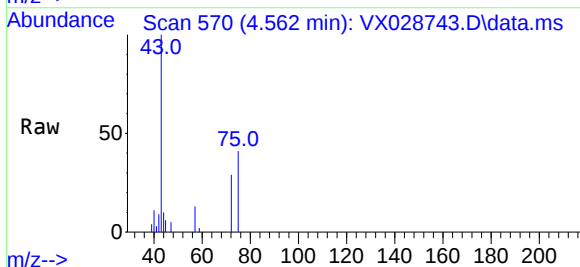
Instrument :
MSVOA_X
ClientSampleId :
PB144859TB

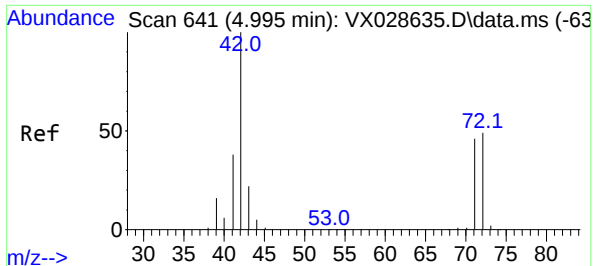
Tgt Ion:	84	Resp:	12068
Ion	Ratio	Lower	Upper
84	100		
49	111.1	85.5	128.3
51	35.3	26.6	39.8
86	61.8	51.5	77.3



#25
2-Butanone
Concen: 3.968 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

Tgt Ion:	43	Resp:	8591
Ion	Ratio	Lower	Upper
43	100		
72	29.0	24.4	36.6

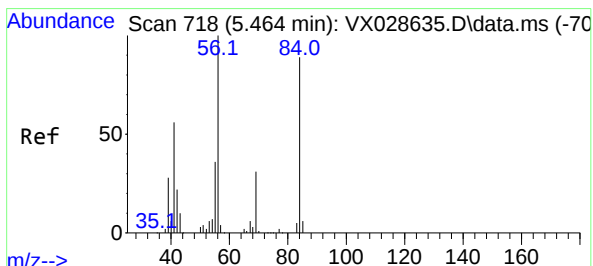
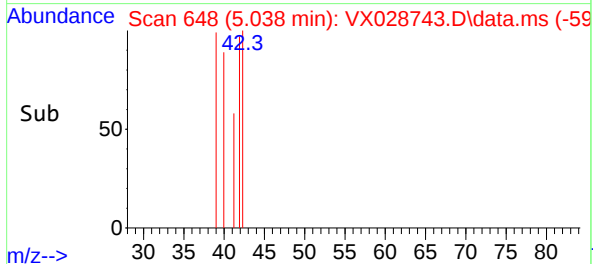
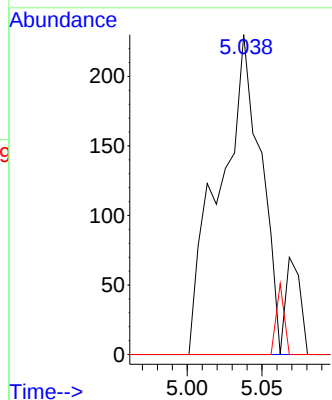
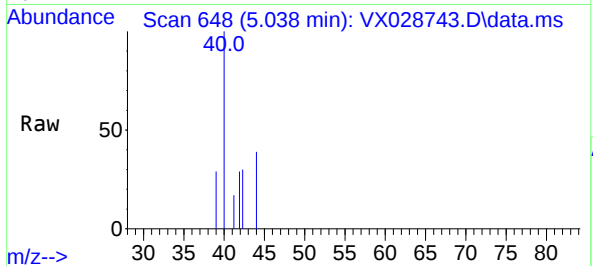




#29
Tetrahydrofuran
Concen: 0.314 ug/l
RT: 5.038 min Scan# 641
Delta R.T. 0.043 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

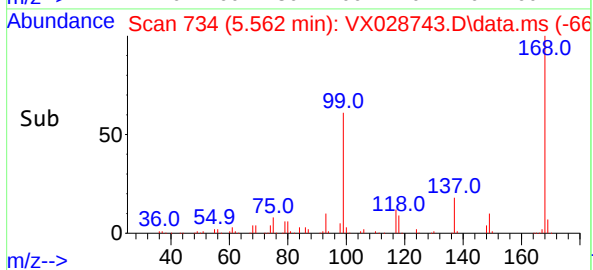
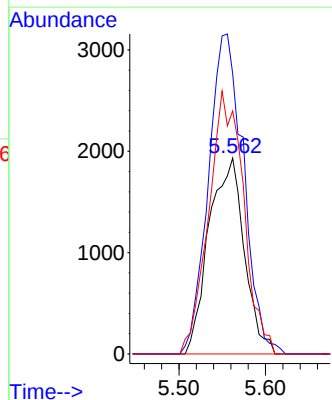
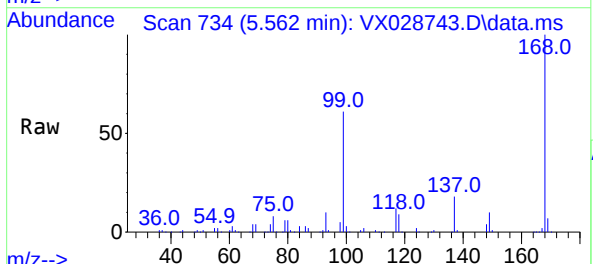
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MSVOA_X
ClientSampleId :
PB144859TB

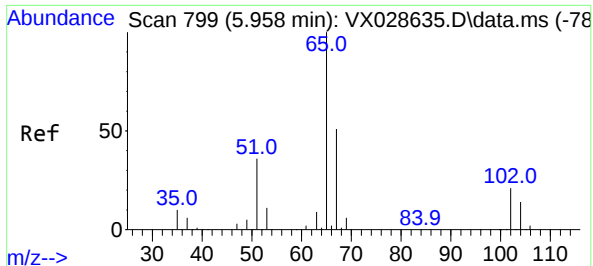
Tgt Ion: 42 Resp: 442
Ion Ratio Lower Upper
42 100
72 0.0 44.1 66.1#
71 0.0 40.5 60.7#



#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.098 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

Tgt Ion: 56 Resp: 5474
Ion Ratio Lower Upper
56 100
69 143.1 26.7 40.1#
84 124.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 53.096 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028743.D

Acq: 16 May 2022 19:49

Instrument :

MSVOA_X

ClientSampleId :

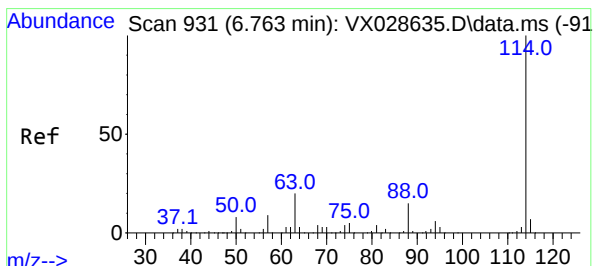
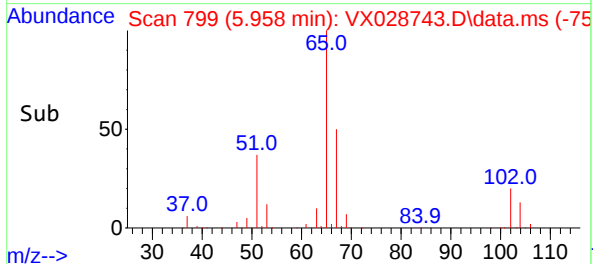
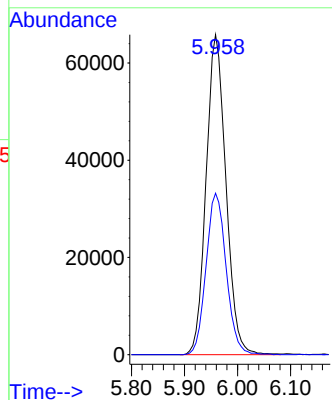
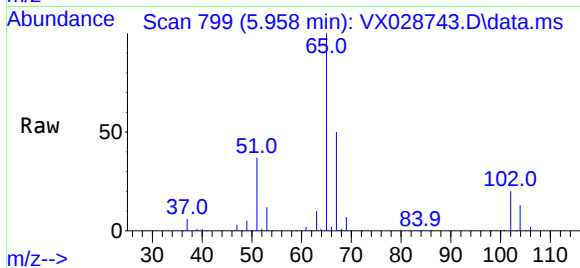
PB144859TB

Tgt Ion: 65 Resp: 170622

Ion Ratio Lower Upper

65 100

67 51.3 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: VX028743.D

Acq: 16 May 2022 19:49

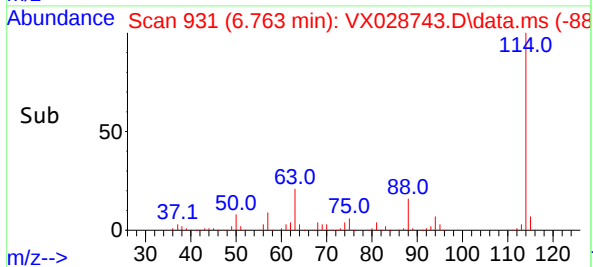
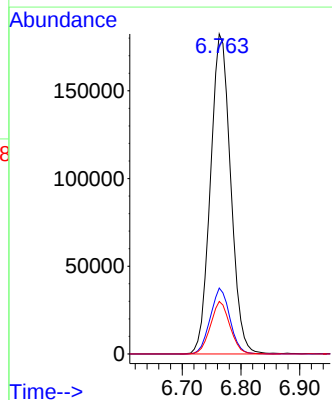
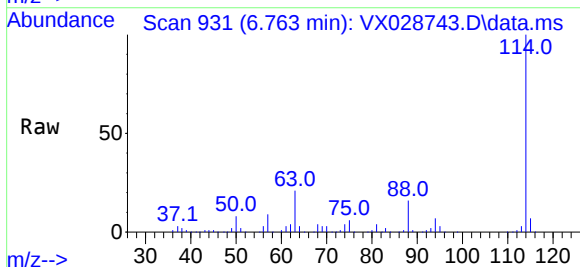
Tgt Ion:114 Resp: 435269

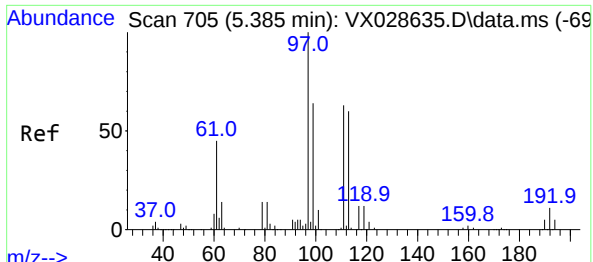
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.8

88 16.4 0.0 32.4

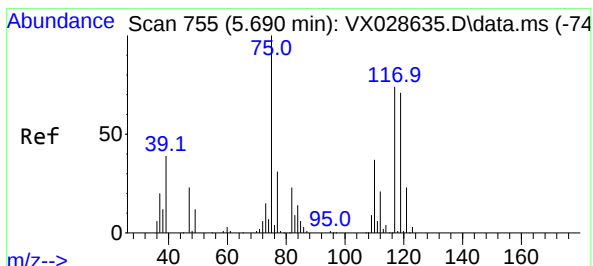
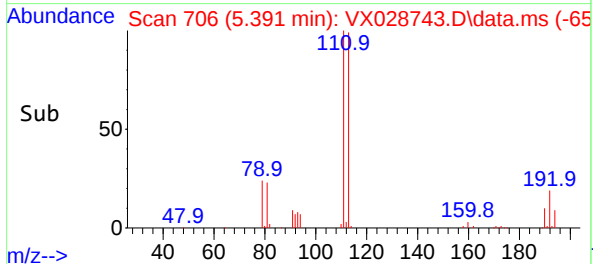
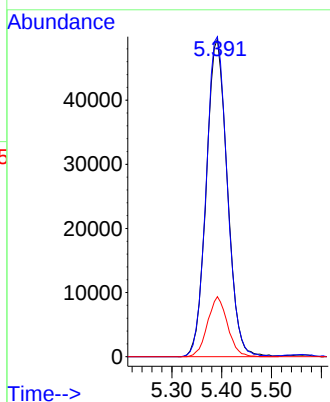
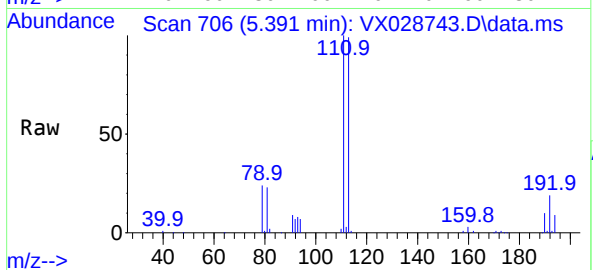




#35
 Dibromofluoromethane
 Concen: 50.829 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX028743.D
 Acq: 16 May 2022 19:49

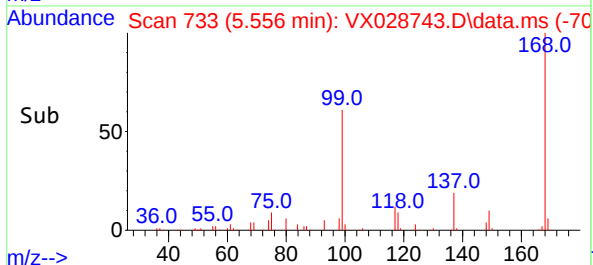
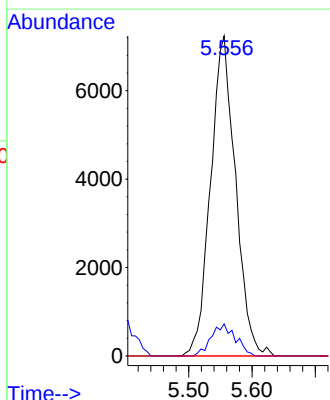
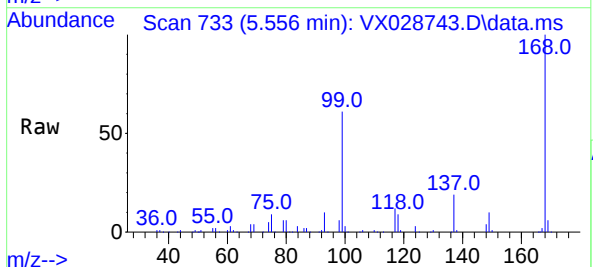
Instrument :
 MSVOA_X
 ClientSampleId :
 PB144859TB

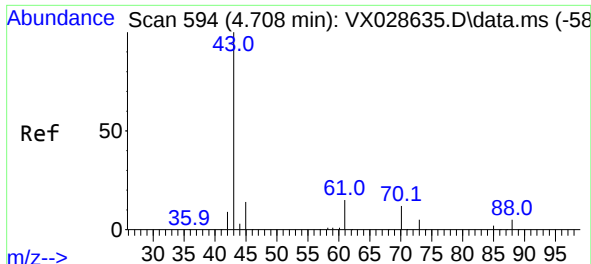
Tgt Ion:113 Resp: 144955
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.8 124.2
 192 17.9 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.632 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.134 min
 Lab File: VX028743.D
 Acq: 16 May 2022 19:49

Tgt Ion: 75 Resp: 19842
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.3 54.8#
 77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.920 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX028743.D

Acq: 16 May 2022 19:49

Instrument :

MSVOA_X

ClientSampleId :

PB144859TB

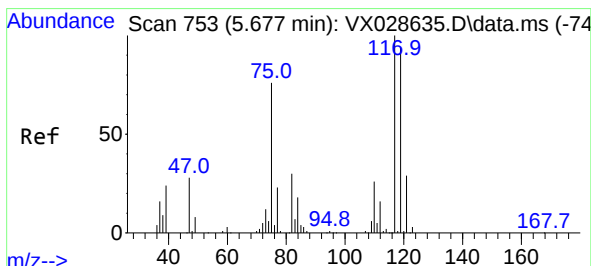
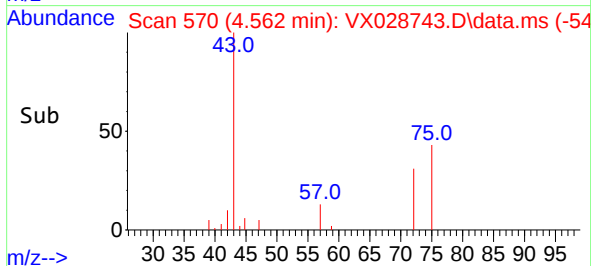
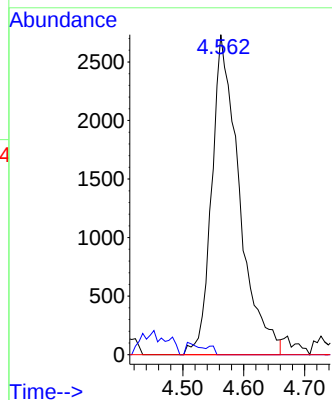
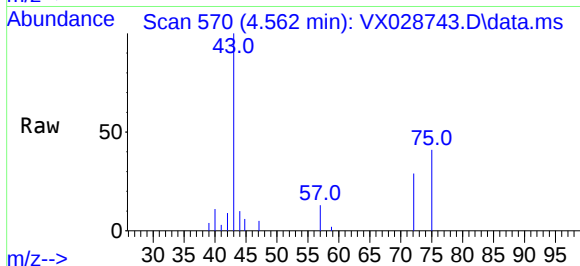
Tgt Ion: 43 Resp: 8591

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.943 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX028743.D

Acq: 16 May 2022 19:49

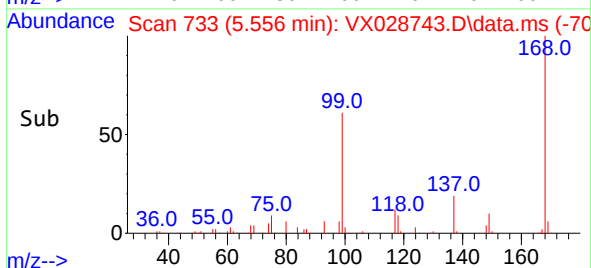
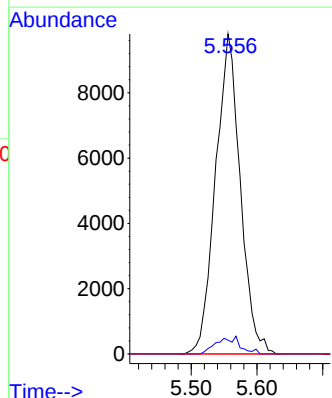
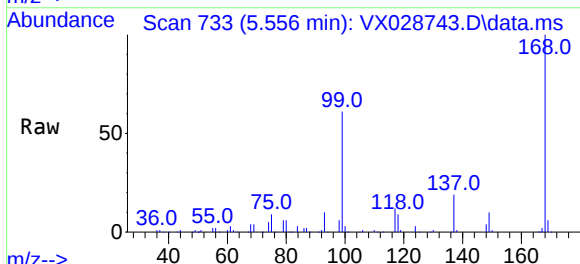
Tgt Ion: 117 Resp: 25618

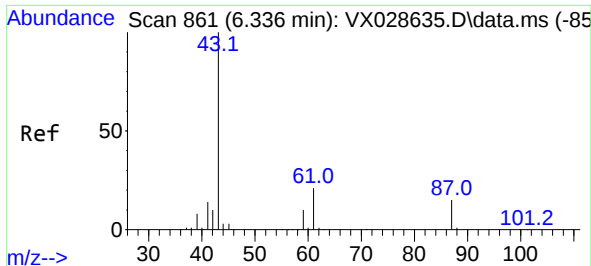
Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

121 0.0 24.2 36.2#

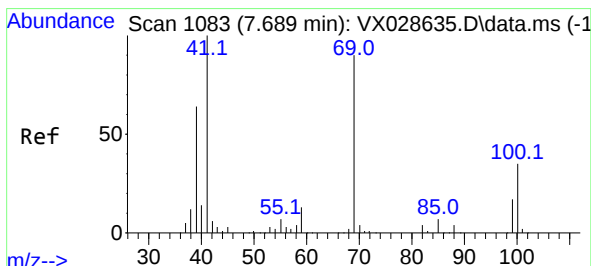
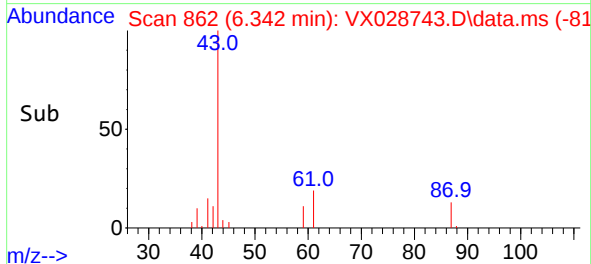
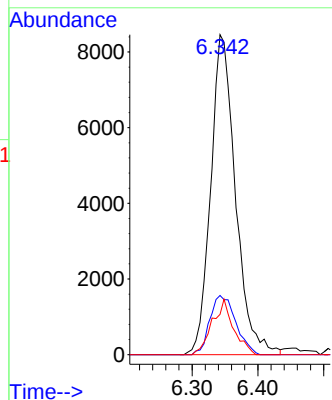
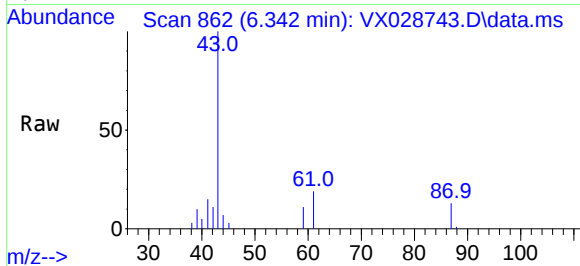




#43
Isopropyl Acetate
Concen: 3.170 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

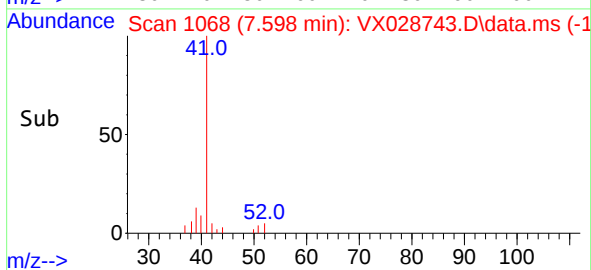
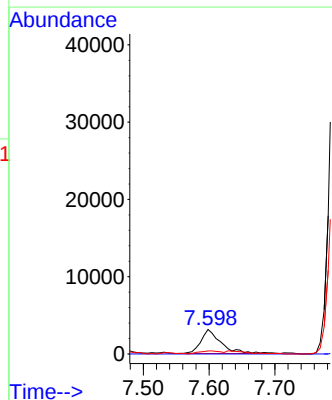
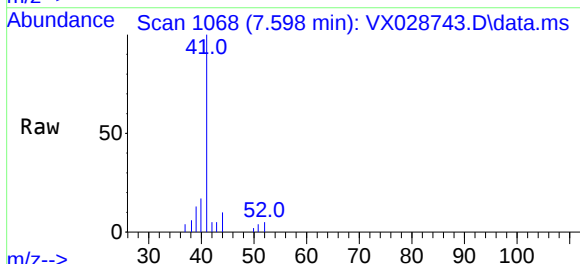
Instrument :
MSVOA_X
ClientSampleId :
PB144859TB

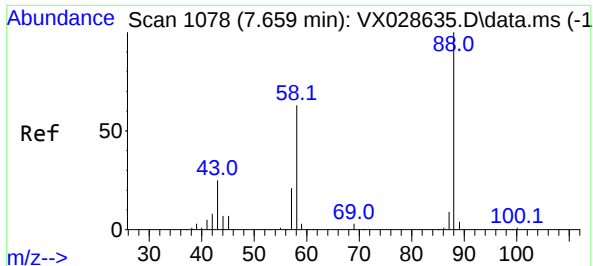
Tgt Ion: 43 Resp: 22185
Ion Ratio Lower Upper
43 100
61 19.4 18.5 27.7
87 14.8 13.0 19.6



#48
Methyl methacrylate
Concen: 1.958 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.091 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

Tgt Ion: 41 Resp: 6621
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: 1.859 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.147 min

Lab File: VX028743.D

Acq: 16 May 2022 19:49

Instrument :

MSVOA_X

ClientSampleId :

PB144859TB

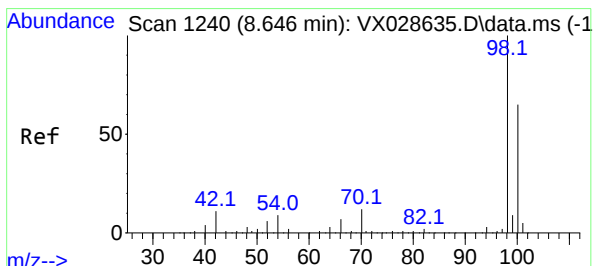
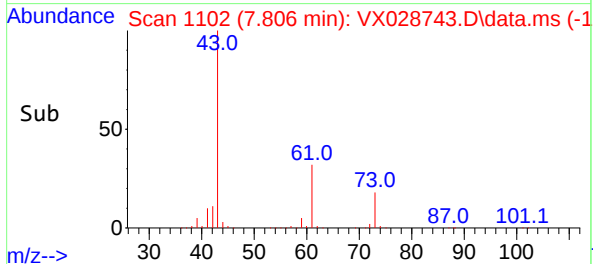
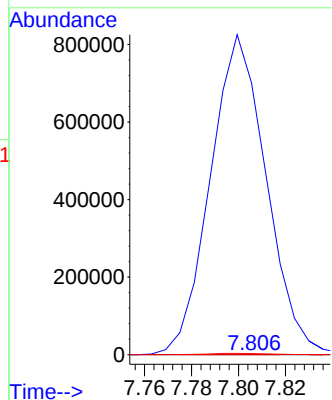
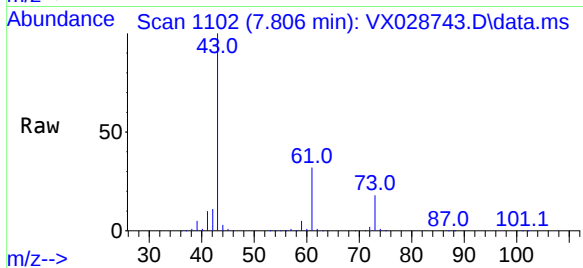
Tgt Ion: 88 Resp: 157

Ion Ratio Lower Upper

88 100

43 876905.7 21.9 32.9#

58 3891.1 53.7 80.5#



#50

Toluene-d8

Concen: 50.295 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028743.D

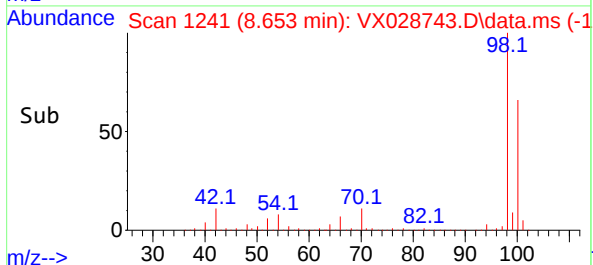
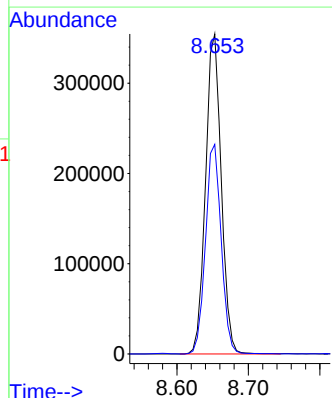
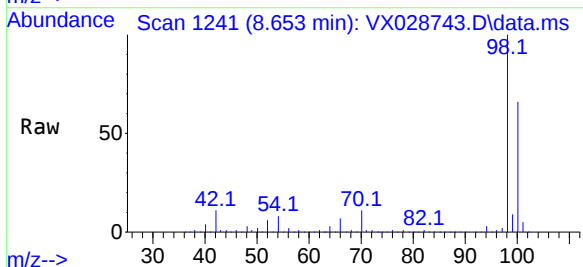
Acq: 16 May 2022 19:49

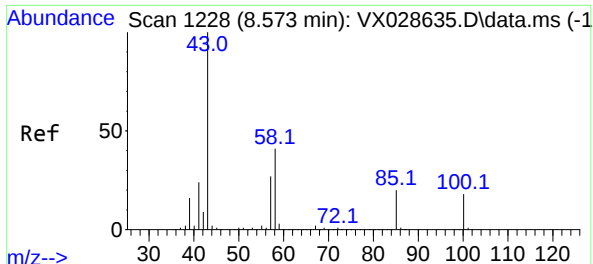
Tgt Ion: 98 Resp: 540762

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8

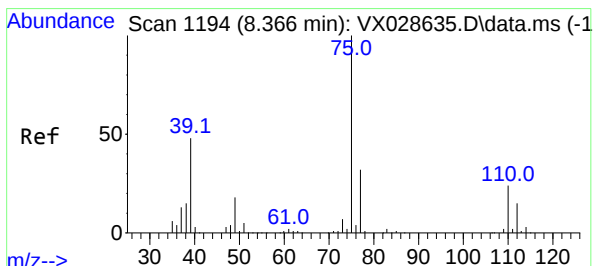
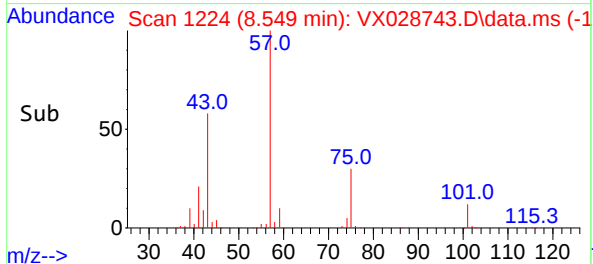
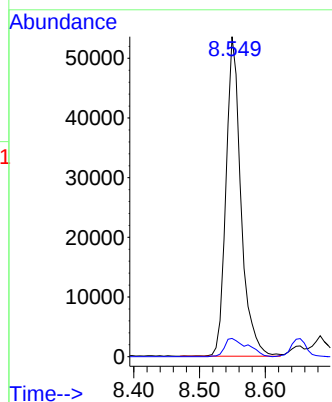
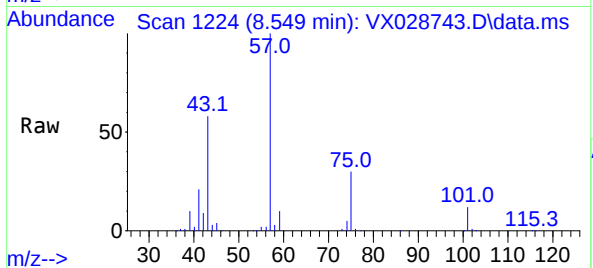




#51
4-Methyl-2-Pentanone
Concen: 18.437 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

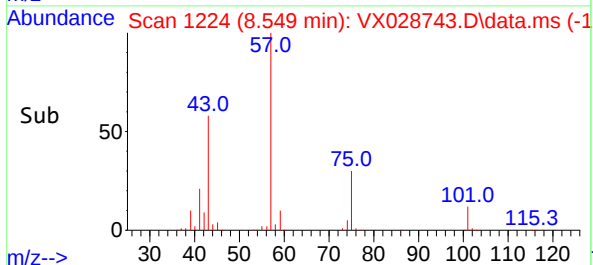
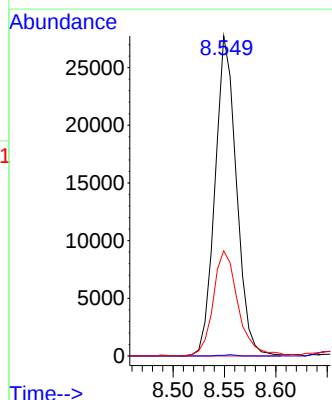
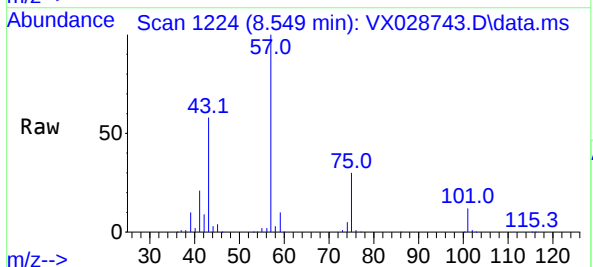
Instrument :
MSVOA_X
ClientSampleId :
PB144859TB

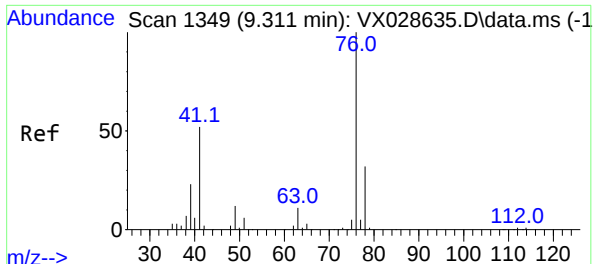
Tgt Ion: 43 Resp: 85000
Ion Ratio Lower Upper
43 100
58 8.8 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 8.379 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

Tgt Ion: 75 Resp: 40151
Ion Ratio Lower Upper
75 100
77 0.2 24.8 37.2#
39 32.9 29.6 44.4

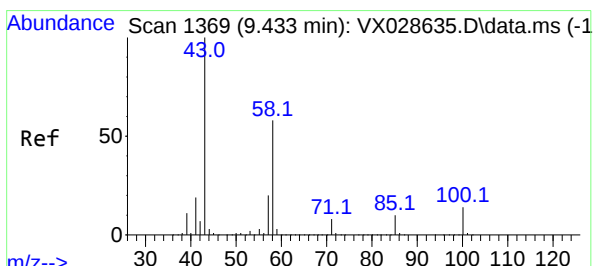
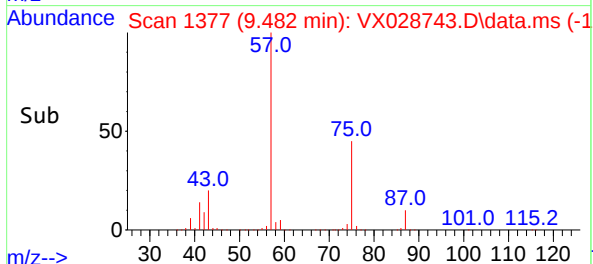
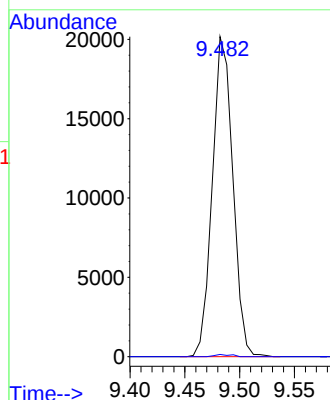
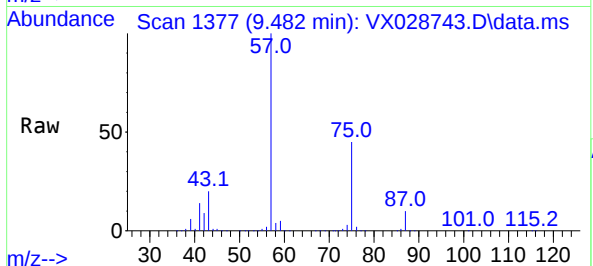




#57
1,3-Dichloropropane
Concen: 4.822 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

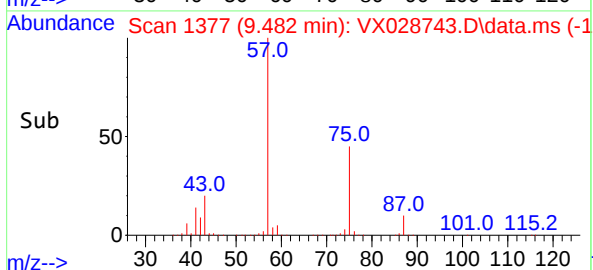
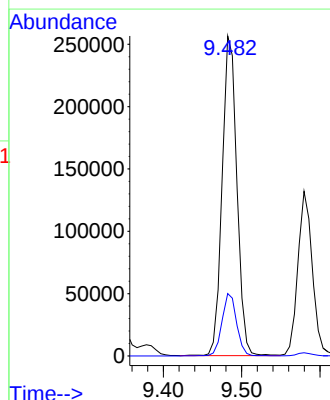
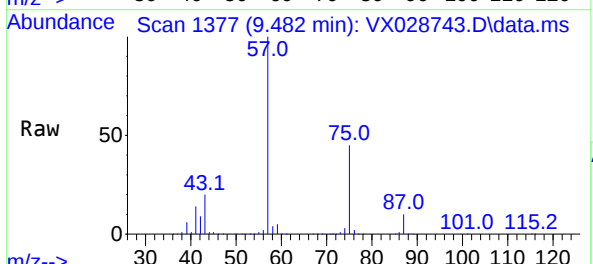
Instrument :
MSVOA_X
ClientSampleId :
PB144859TB

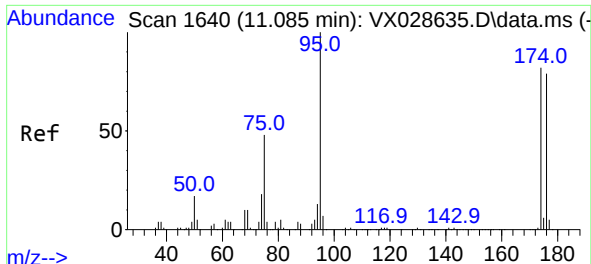
Tgt Ion: 76 Resp: 26261
Ion Ratio Lower Upper
76 100
78 0.6 25.8 38.8#



#59
2-Hexanone
Concen: 93.843 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

Tgt Ion: 43 Resp: 336135
Ion Ratio Lower Upper
43 100
58 19.5 31.9 95.7#

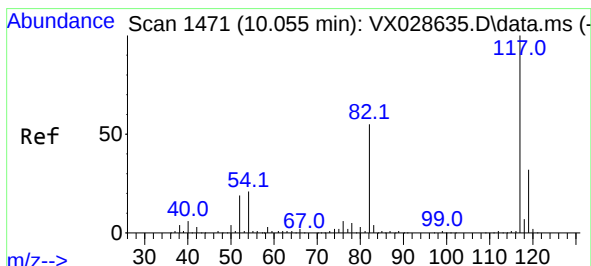
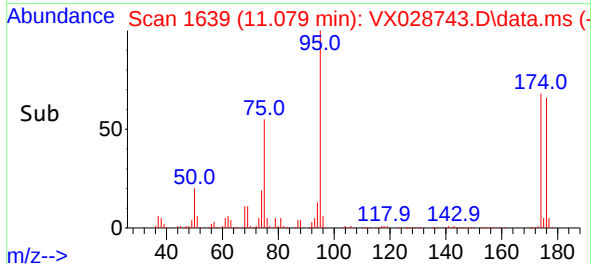
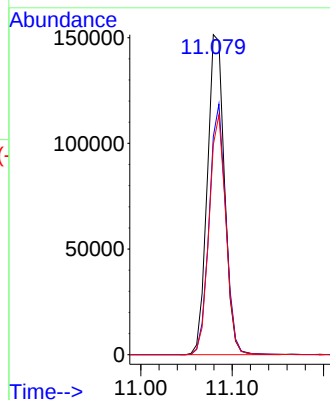
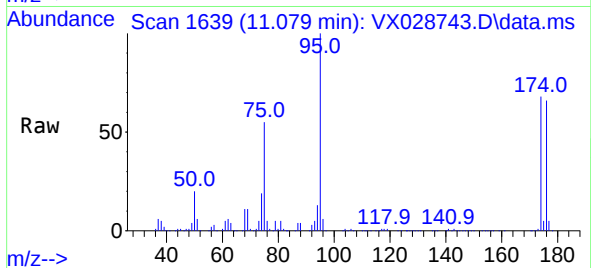




#62
4-Bromofluorobenzene
Concen: 49.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

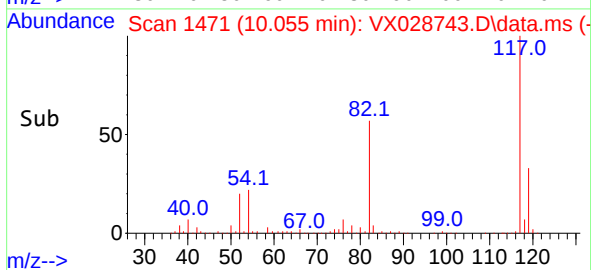
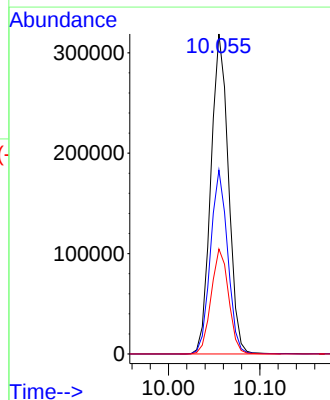
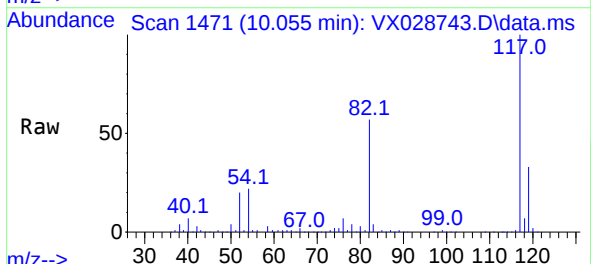
Instrument :
MSVOA_X
ClientSampleId :
PB144859TB

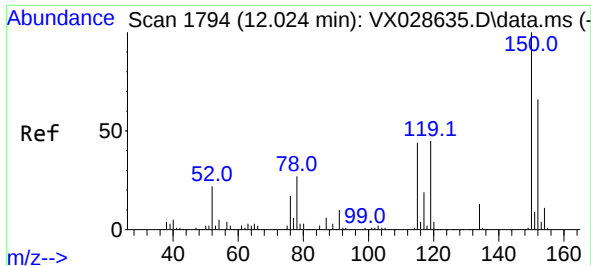
Tgt Ion: 95 Resp: 197379
Ion Ratio Lower Upper
95 100
174 75.7 0.0 163.0
176 72.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

Tgt Ion: 117 Resp: 424776
Ion Ratio Lower Upper
117 100
82 57.4 41.8 62.8
119 32.8 24.8 37.2

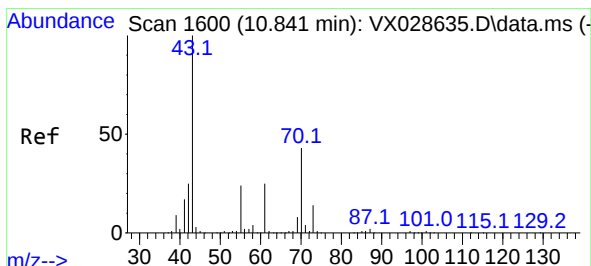
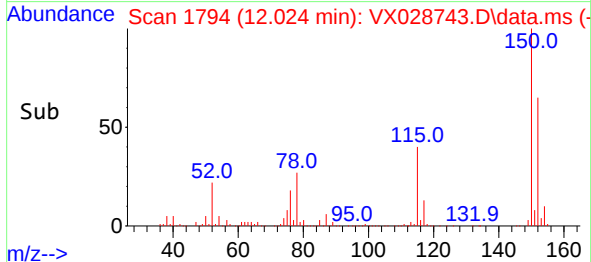
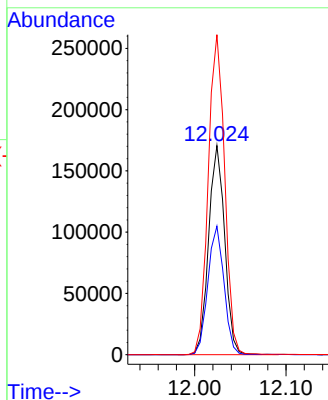
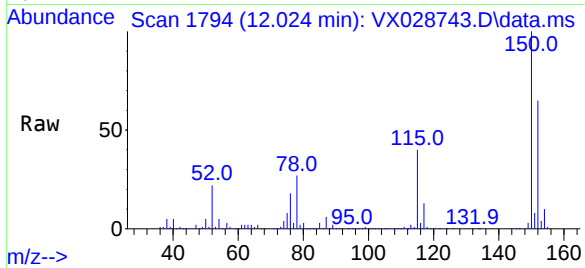




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

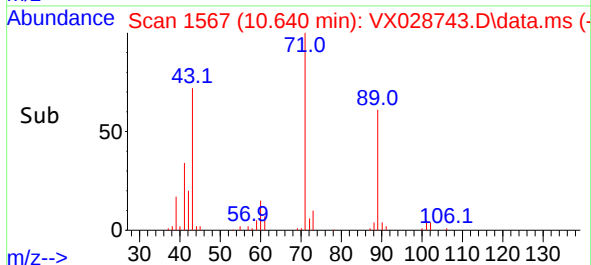
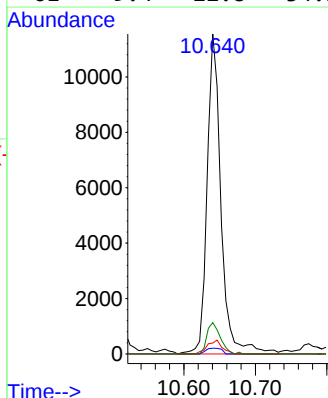
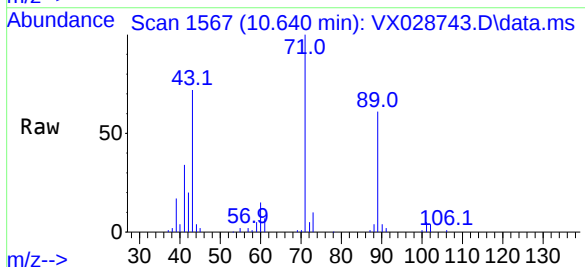
Instrument :
MSVOA_X
ClientSampleId :
PB144859TB

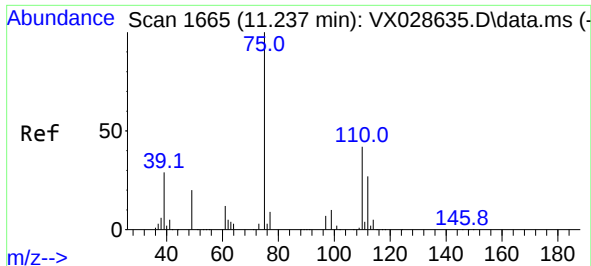
Tgt Ion:152 Resp: 207516
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 157.1 0.0 338.2



#74
N-ethyl acetate
Concen: 2.523 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

Tgt Ion: 43 Resp: 15606
Ion Ratio Lower Upper
43 100
70 2.0 42.5 63.7#
55 4.6 23.1 34.7#
61 9.4 22.8 34.2#

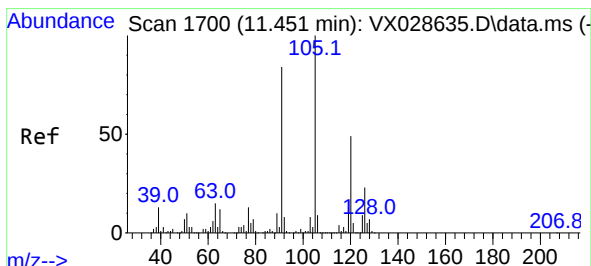
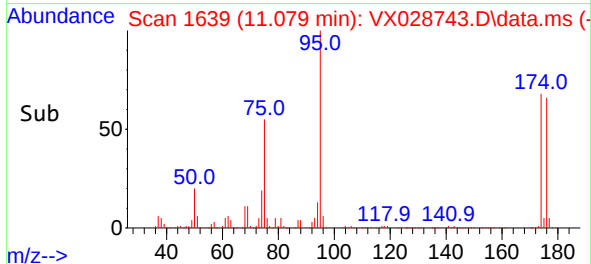
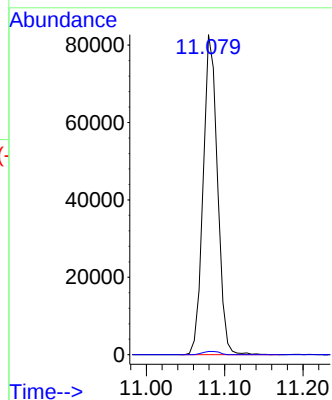
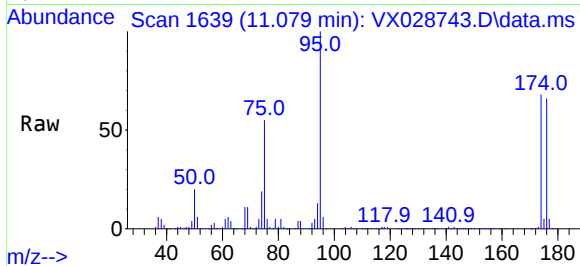




#76
1,2,3-Trichloropropane
Concen: 21.620 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

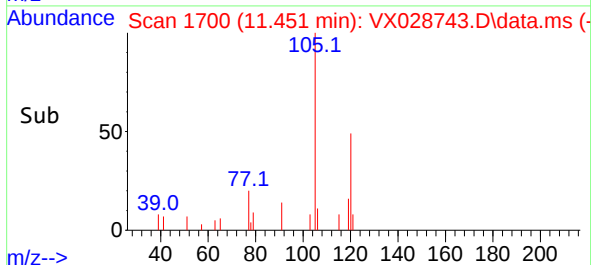
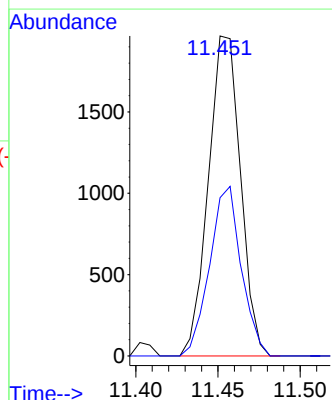
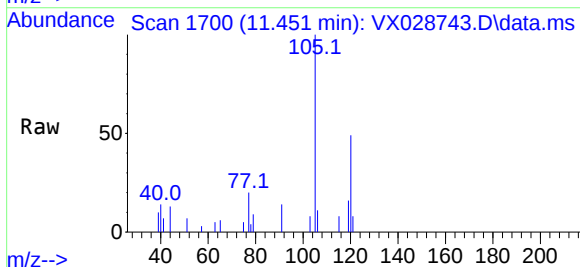
Instrument :
MSVOA_X
ClientSampleId :
PB144859TB

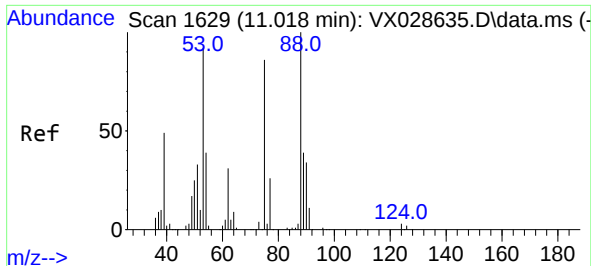
Tgt Ion: 75 Resp: 105067
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.204 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

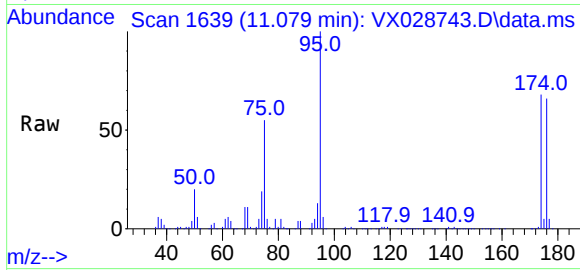
Tgt Ion:105 Resp: 2677
Ion Ratio Lower Upper
105 100
120 52.1 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 63.374 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX028743.D
Acq: 16 May 2022 19:49

Instrument :
MSVOA_X
ClientSampleId :
PB144859TB



Tgt Ion: 75 Resp: 105067
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

