

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028710.D
 Acq On : 14 May 2022 04:31
 Operator : JC/MD
 Sample : N2823-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COM-3

Quant Time: May 16 02:33:41 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

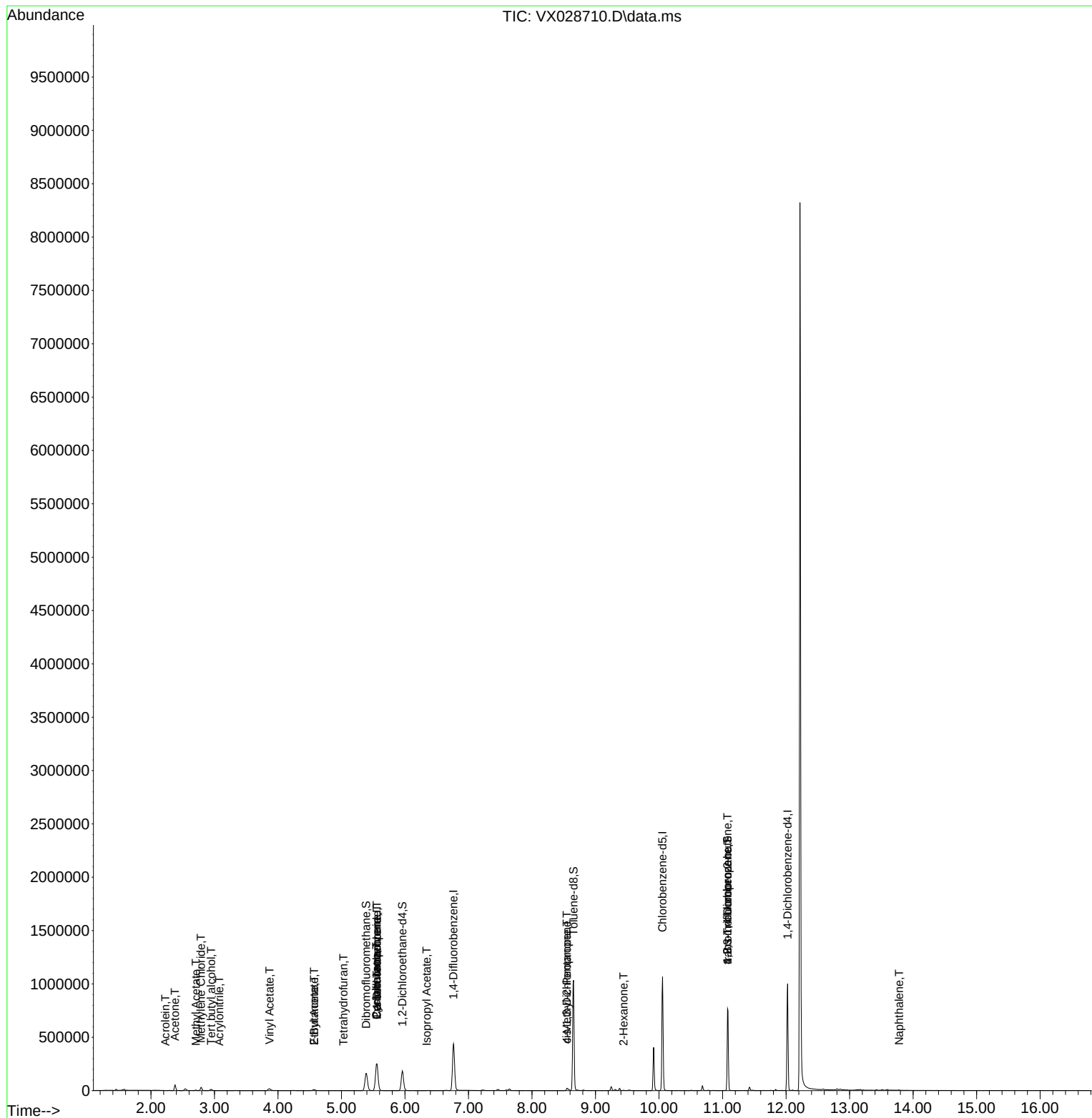
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	232514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	441710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171556	53.826	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.660%	
35) Dibromofluoromethane	5.385	113	138995	48.028	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.060%	
50) Toluene-d8	8.653	98	605864	55.528	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 111.060%	
62) 4-Bromofluorobenzene	11.079	95	200979	49.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.640%	
Target Compounds						Qvalue
5) Bromomethane	1.611	94	563	Below Cal		96
6) Chloroethane	1.660	64	153	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	7015	2.471	ug/l #	76
13) Acrolein	2.227	56	108	0.206	ug/l #	42
15) Acrylonitrile	3.075	53	383	0.249	ug/l	95
16) Acetone	2.380	43	54943	40.166	ug/l	91
18) Methyl Acetate	2.709	43	6230	1.818	ug/l	90
20) Methylene Chloride	2.788	84	12950	4.513	ug/l #	89
23) Vinyl Acetate	3.867	43	3660	0.515	ug/l #	66
25) 2-Butanone	4.568	43	11571	5.389	ug/l	95
29) Tetrahydrofuran	5.032	42	748	0.536	ug/l #	37
31) Cyclohexane	5.550	56	5264	1.190	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19508	4.488	ug/l #	50
37) Ethyl Acetate	4.568	43	11571	2.549	ug/l #	69
38) Carbon Tetrachloride	5.556	117	24815	5.673	ug/l #	15
43) Isopropyl Acetate	6.342	43	1469	0.207	ug/l #	64
51) 4-Methyl-2-Pentanone	8.549	43	6901	1.475	ug/l #	31
54) cis-1,3-Dichloropropene	8.549	75	3629	0.746	ug/l #	66
59) 2-Hexanone	9.439	43	2263	0.623	ug/l	77
76) 1,2,3-Trichloropropane	11.079	75	107204	23.503	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	107204	68.558	ug/l #	15
95) Naphthalene	13.780	128	2989	0.216	ug/l	98

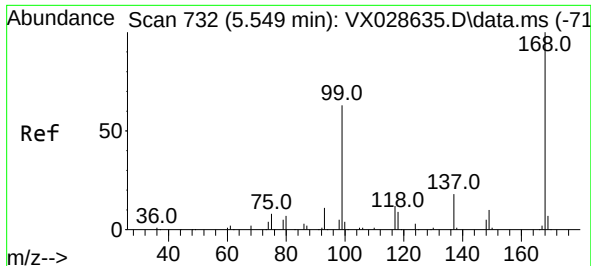
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 16 02:33:41 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

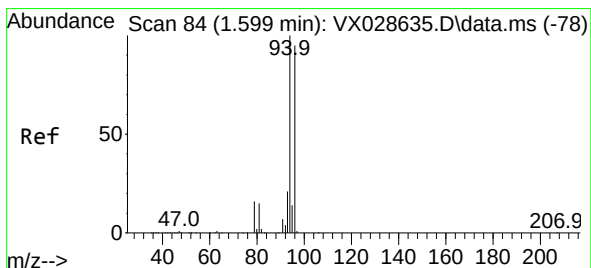
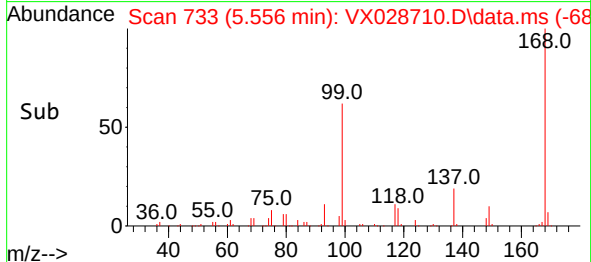
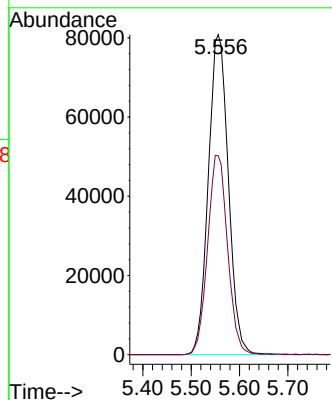
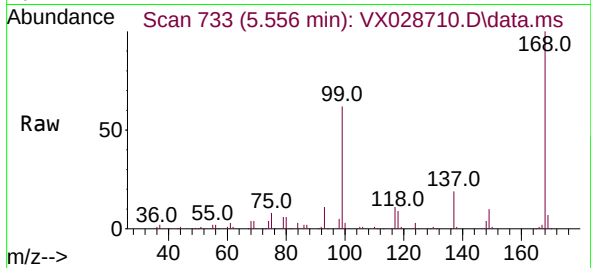




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

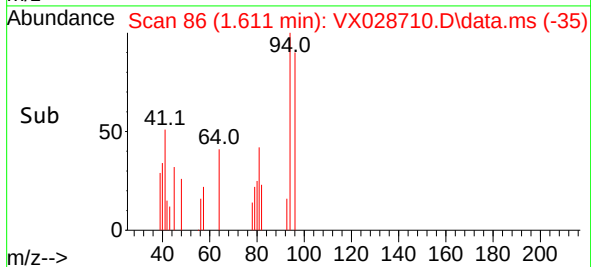
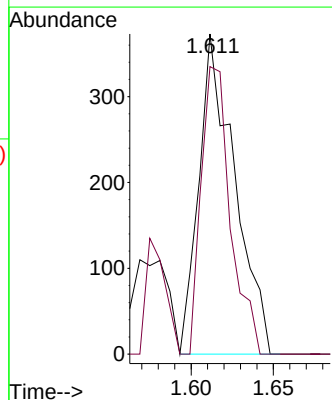
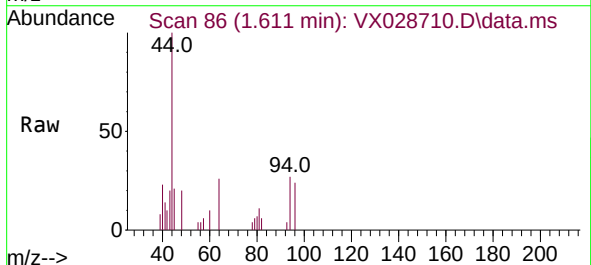
Instrument :
MSVOA_X
ClientSampleId :
COM-3

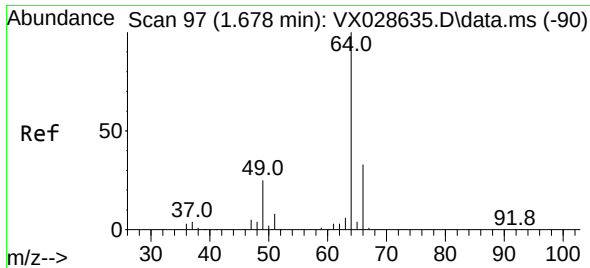
Tgt Ion:168 Resp: 232514
Ion Ratio Lower Upper
168 100
99 62.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion: 94 Resp: 563
Ion Ratio Lower Upper
94 100
96 89.8 75.3 112.9

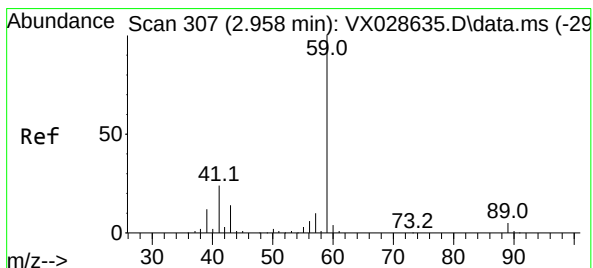
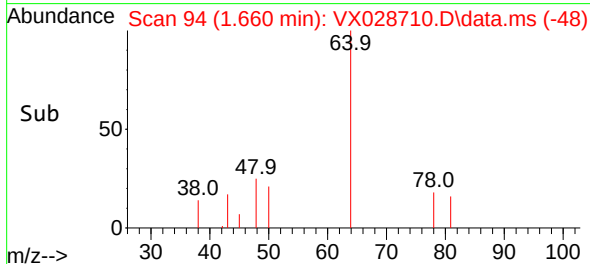
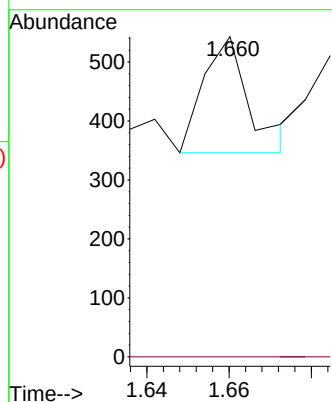
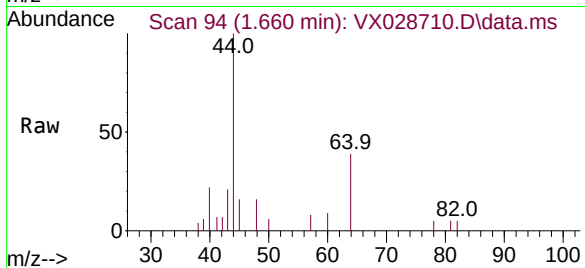




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

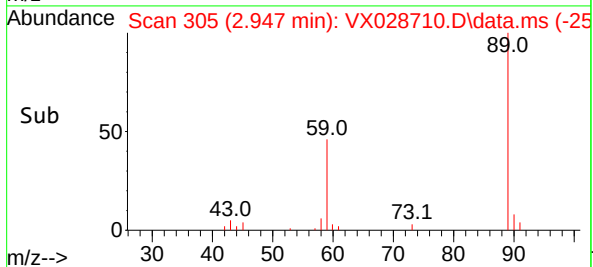
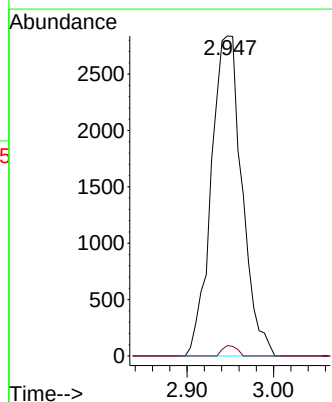
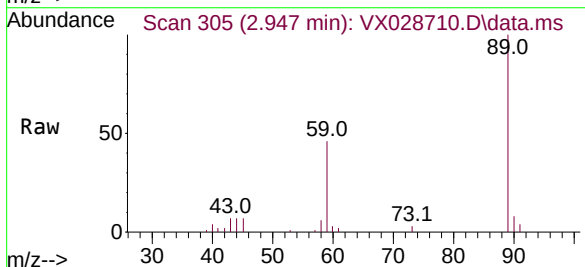
Instrument :
MSVOA_X
ClientSampleId :
COM-3

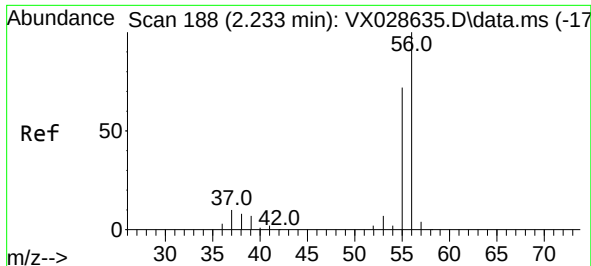
Tgt Ion: 64 Resp: 153
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 2.471 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion: 59 Resp: 7015
Ion Ratio Lower Upper
59 100
57 1.5 8.3 12.5#

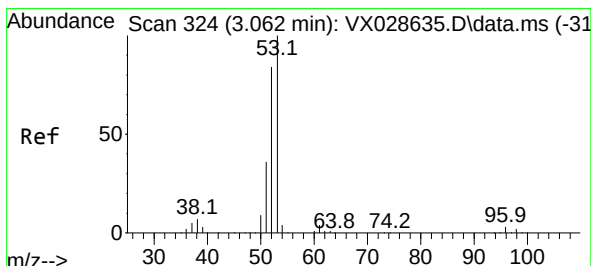
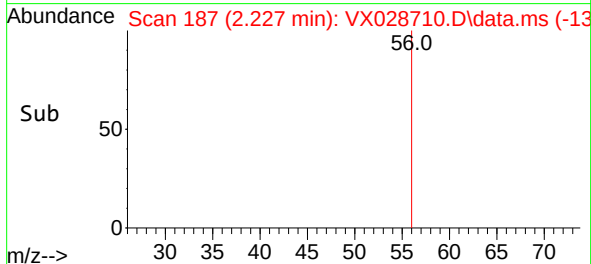
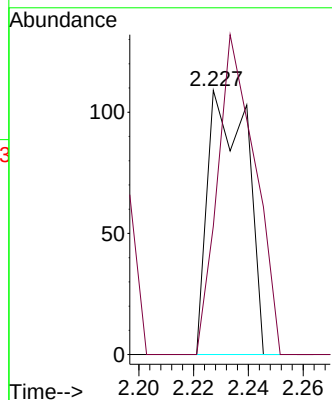
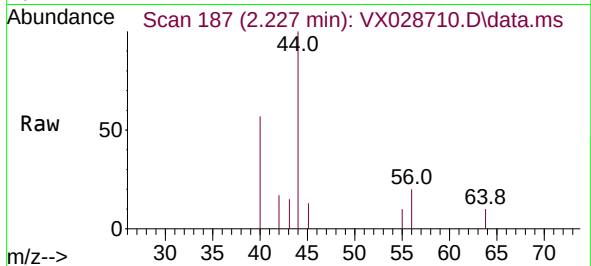




#13
Acrolein
Concen: 0.206 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

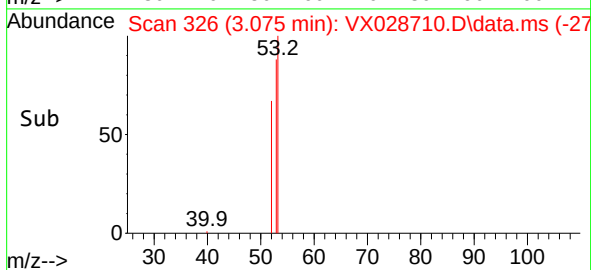
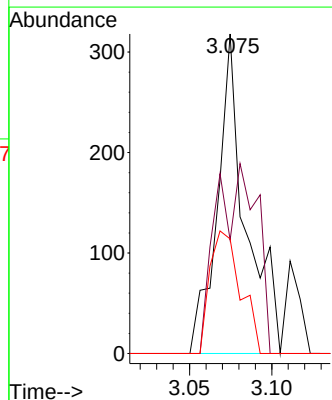
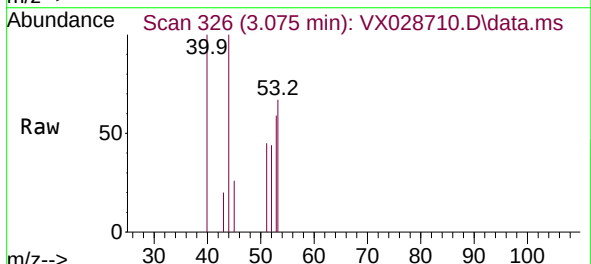
Instrument :
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ClientSampleId :
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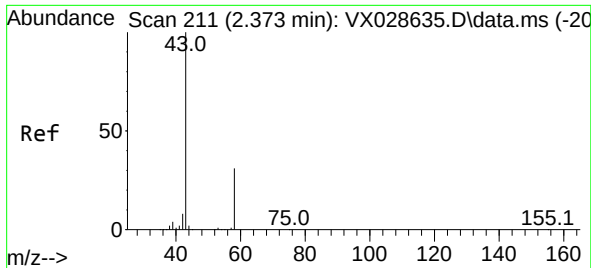
Tgt Ion: 56 Resp: 108
Ion Ratio Lower Upper
56 100
55 115.7 55.0 82.6#



#15
Acrylonitrile
Concen: 0.249 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.013 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion: 53 Resp: 383
Ion Ratio Lower Upper
53 100
52 84.9 65.7 98.5
51 41.5 28.4 42.6

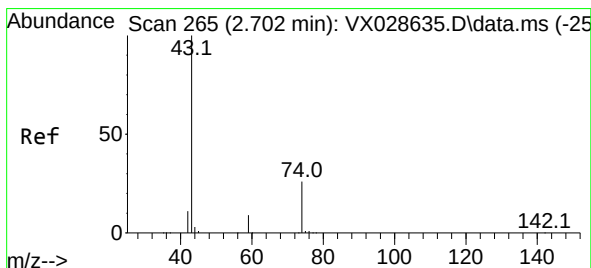
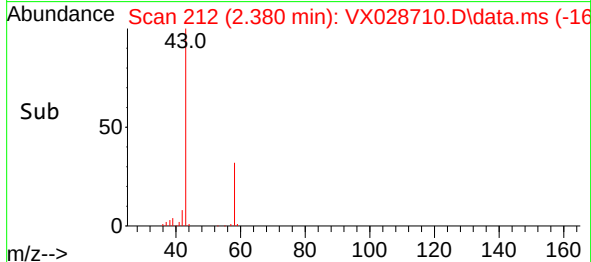
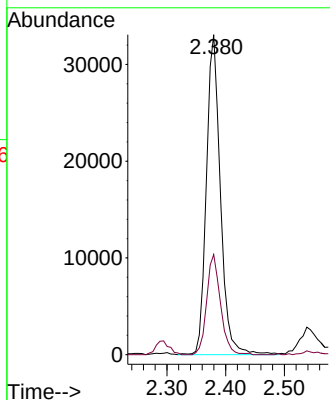
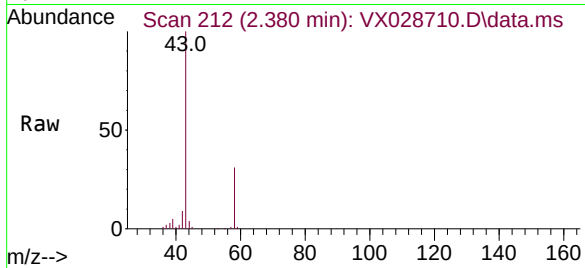




#16
Acetone
Concen: 40.166 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

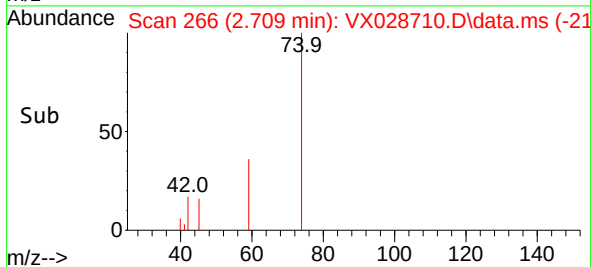
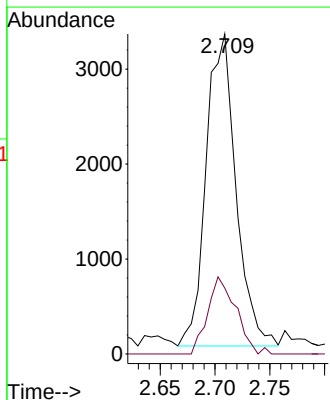
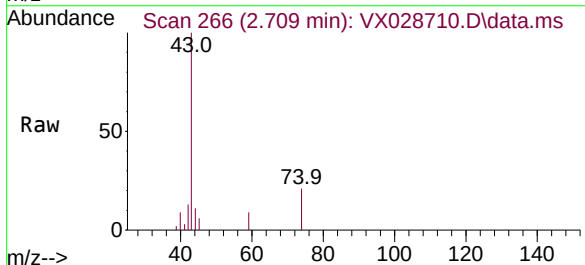
Instrument :
MSVOA_X
ClientSampleId :
COM-3

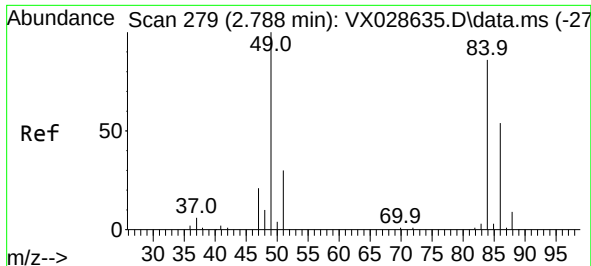
Tgt Ion: 43 Resp: 54943
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2



#18
Methyl Acetate
Concen: 1.818 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion: 43 Resp: 6230
Ion Ratio Lower Upper
43 100
74 23.4 22.8 34.2

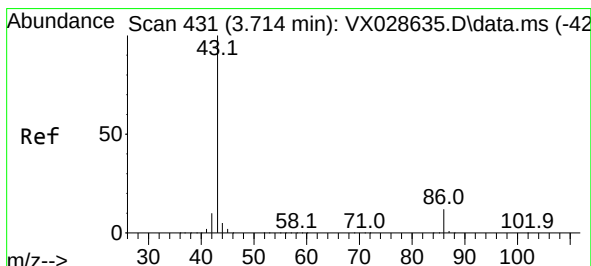
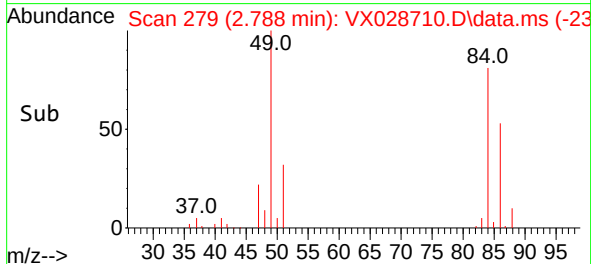
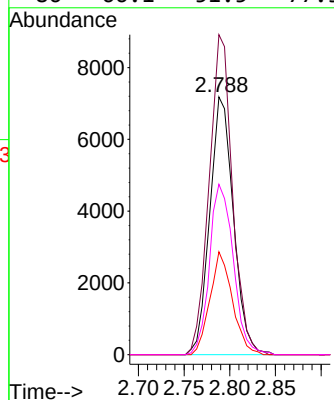
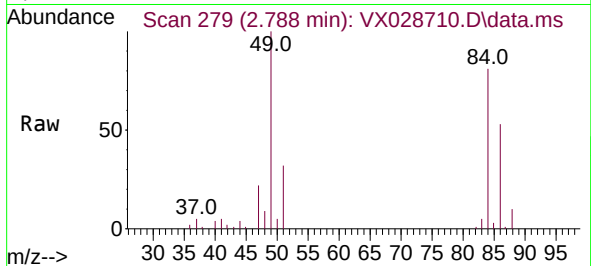




#20
Methylene Chloride
Concen: 4.513 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

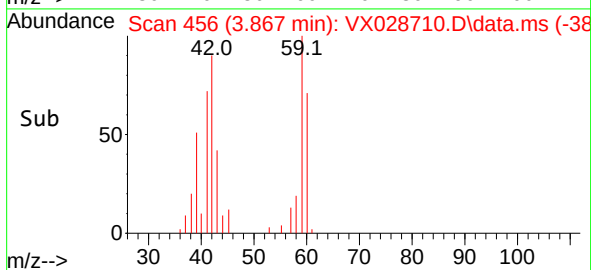
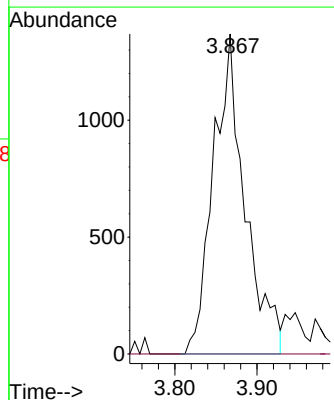
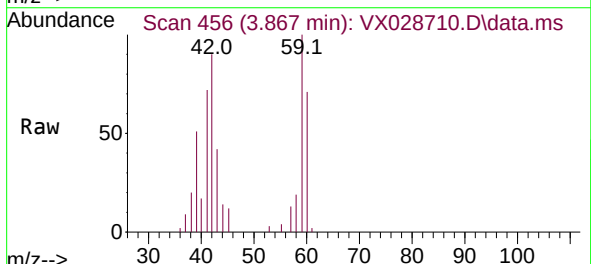
Instrument :
MSVOA_X
ClientSampleId :
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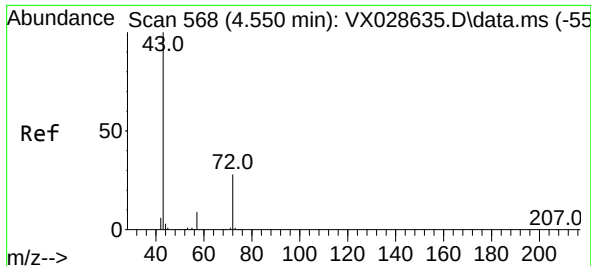
Tgt Ion:	84	Resp:	12950
Ion	Ratio	Lower	Upper
84	100		
49	124.1	85.5	128.3
51	39.9	26.6	39.8#
86	66.1	51.5	77.3



#23
Vinyl Acetate
Concen: 0.515 ug/l
RT: 3.867 min Scan# 456
Delta R.T. 0.153 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion:	43	Resp:	3660
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.8	16.2#

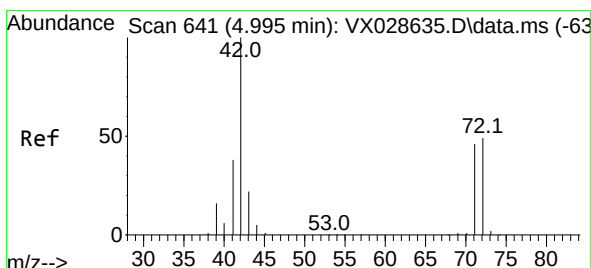
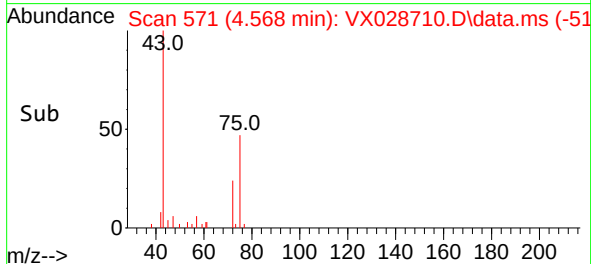
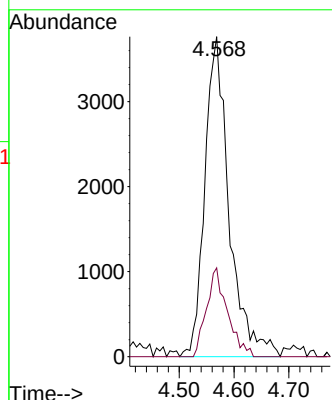
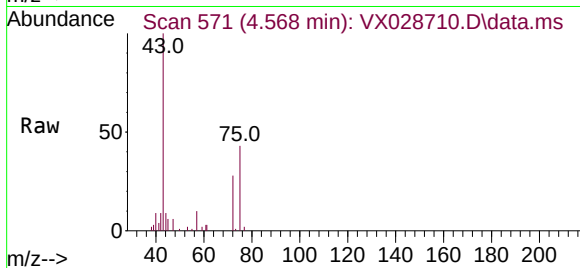




#25
2-Butanone
Concen: 5.389 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

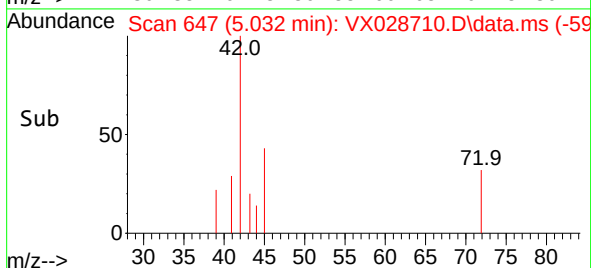
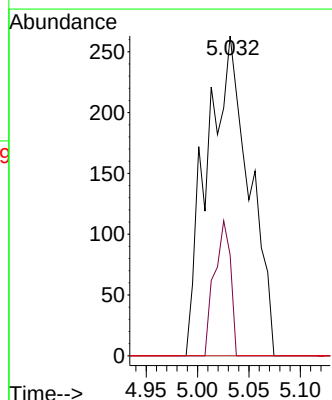
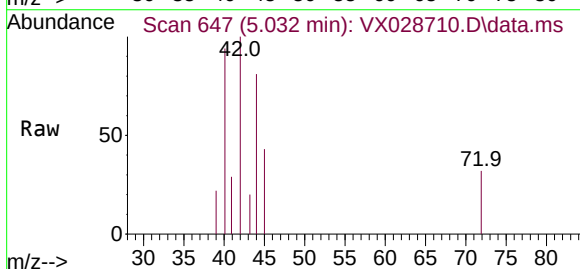
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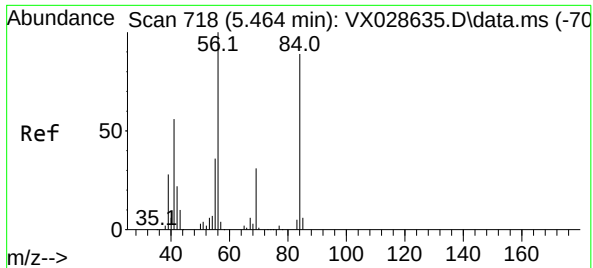
Tgt Ion: 43 Resp: 11571
Ion Ratio Lower Upper
43 100
72 27.7 24.4 36.6



#29
Tetrahydrofuran
Concen: 0.536 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

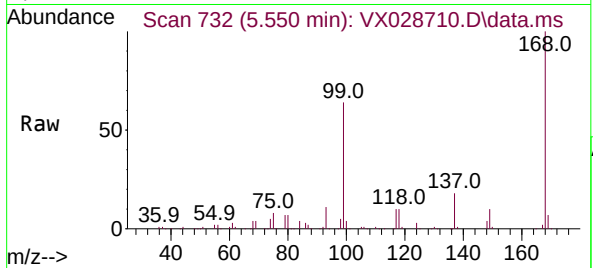
Tgt Ion: 42 Resp: 748
Ion Ratio Lower Upper
42 100
72 16.0 44.1 66.1#
71 0.0 40.5 60.7#



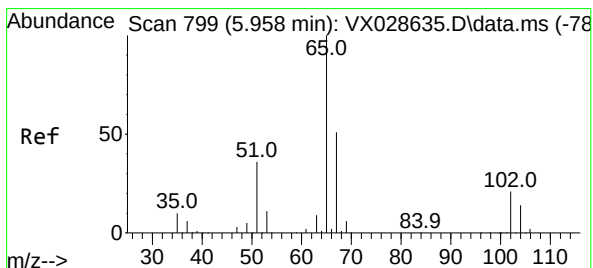
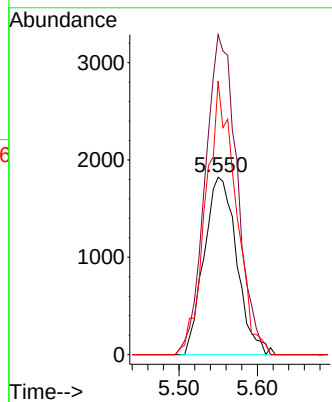
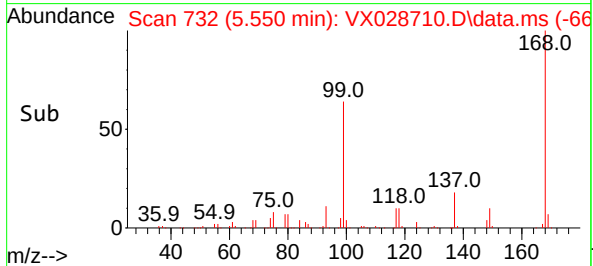


#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Instrument :
MSVOA_X
ClientSampleId :
COM-3

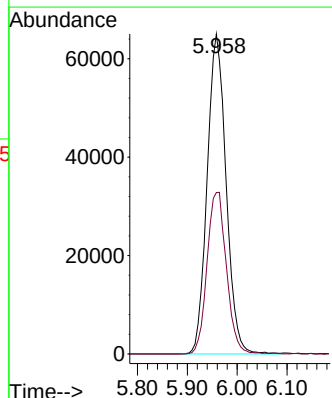
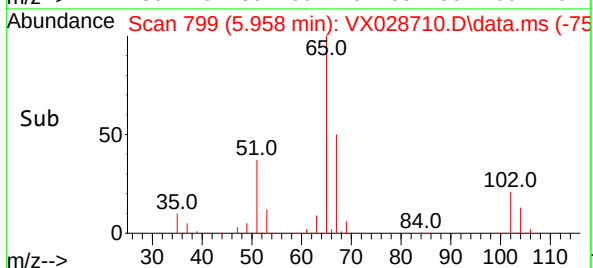
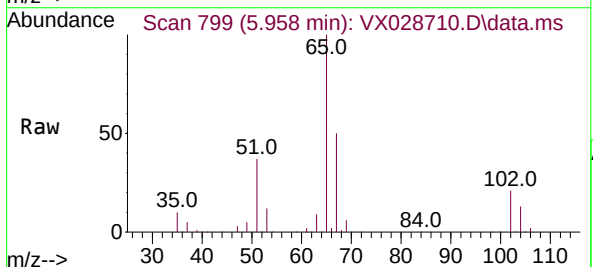


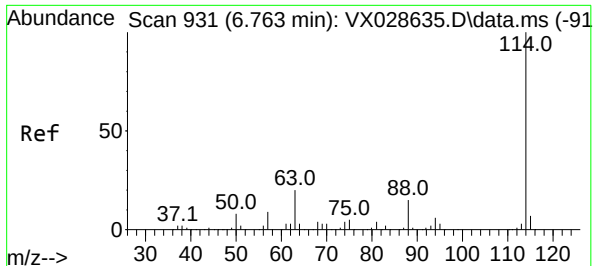
Tgt Ion: 56 Resp: 5264
Ion Ratio Lower Upper
56 100
69 180.3 26.7 40.1#
84 154.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 53.826 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion: 65 Resp: 171556
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

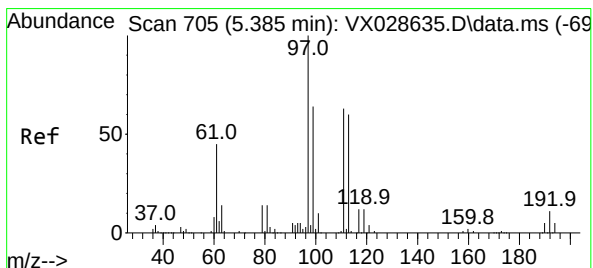
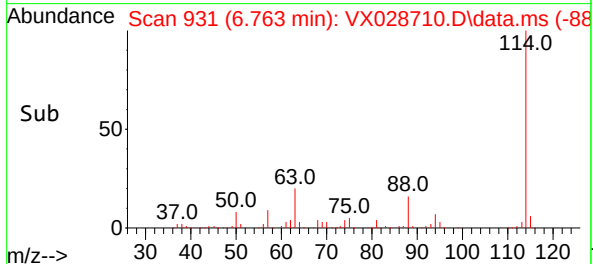
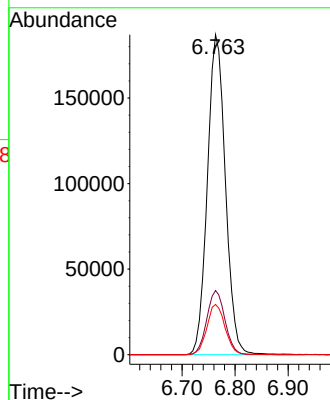
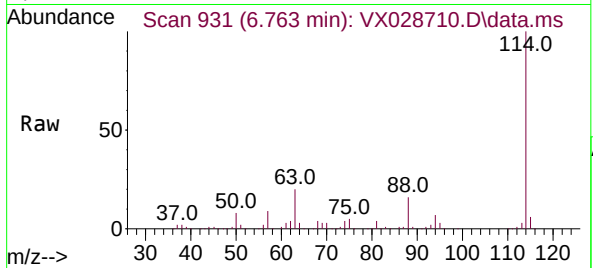




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

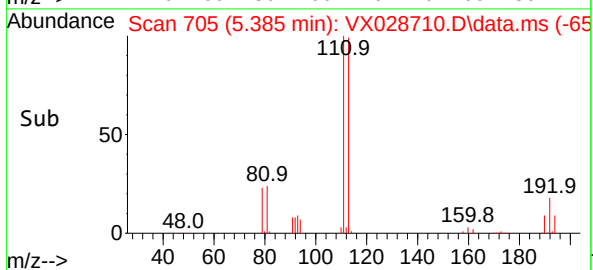
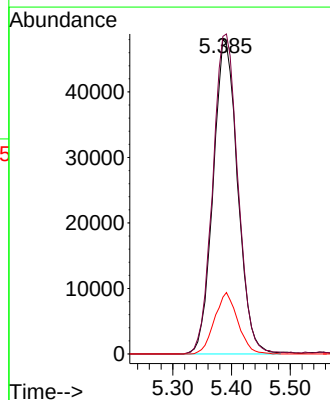
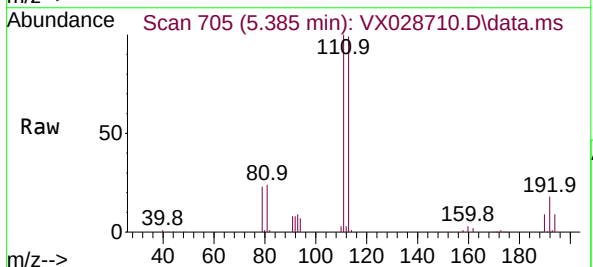
Instrument :
MSVOA_X
ClientSampleId :
COM-3

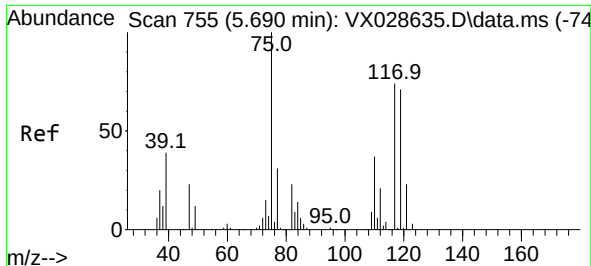
Tgt Ion:114 Resp: 441710
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.028 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion:113 Resp: 138995
Ion Ratio Lower Upper
113 100
111 104.7 82.8 124.2
192 18.5 16.9 25.3

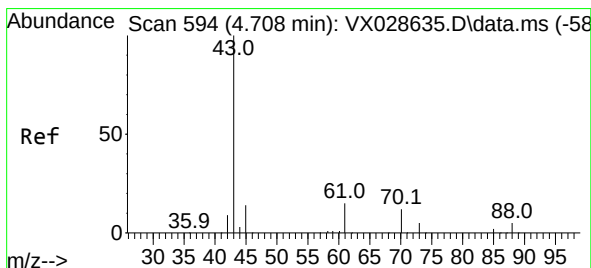
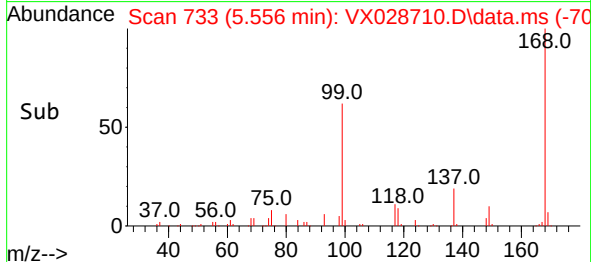
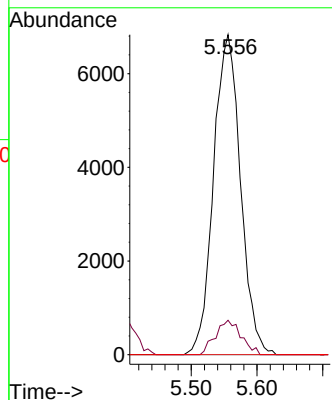
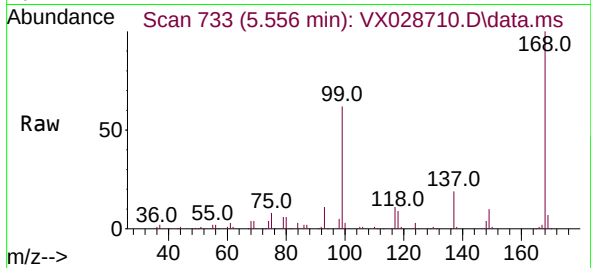




#36
1,1-Dichloropropene
Concen: 4.488 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

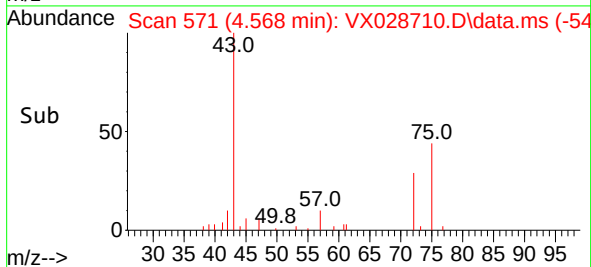
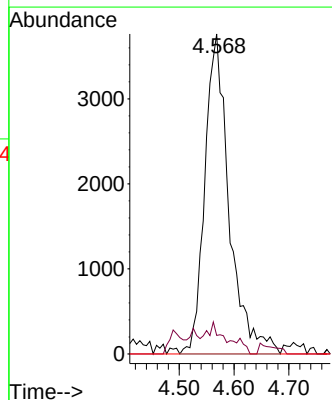
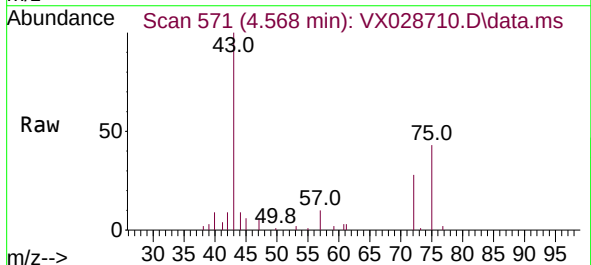
Instrument :
MSVOA_X
ClientSampleId :
COM-3

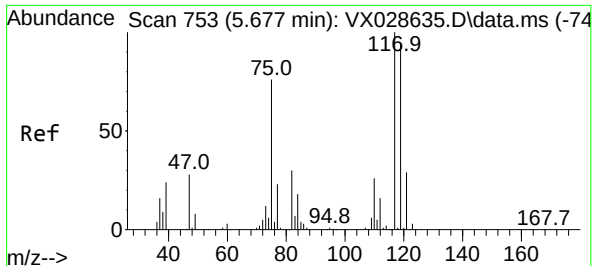
Tgt Ion: 75 Resp: 19508
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 2.549 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.140 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

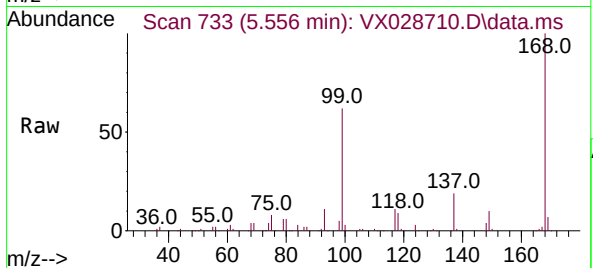
Tgt Ion: 43 Resp: 11571
Ion Ratio Lower Upper
43 100
61 3.2 12.6 19.0#
70 0.0 10.2 15.2#



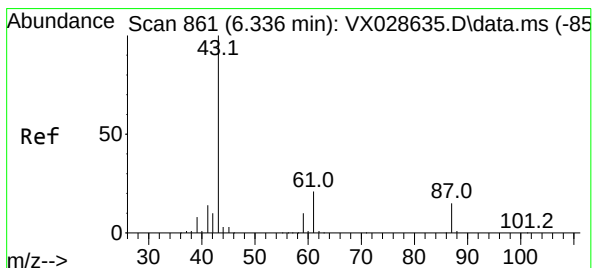
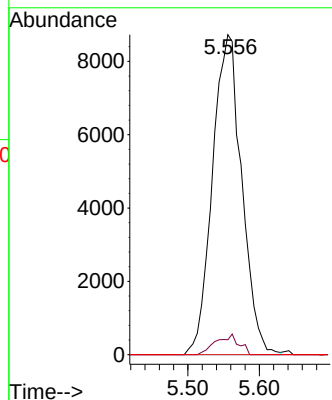
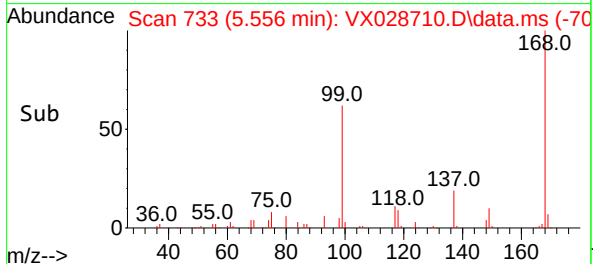


#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

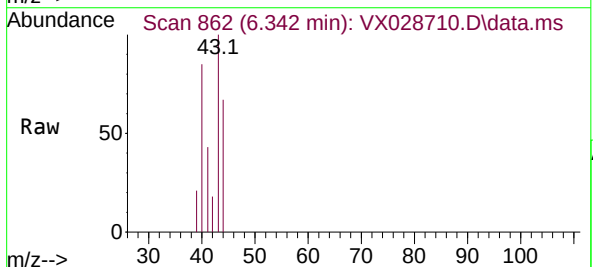
Instrument :
MSVOA_X
ClientSampleId :
COM-3



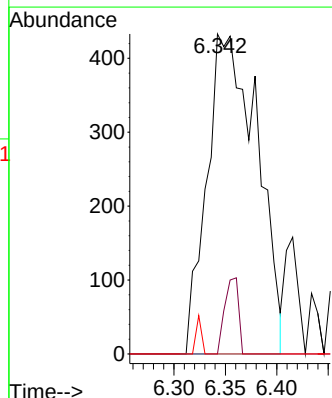
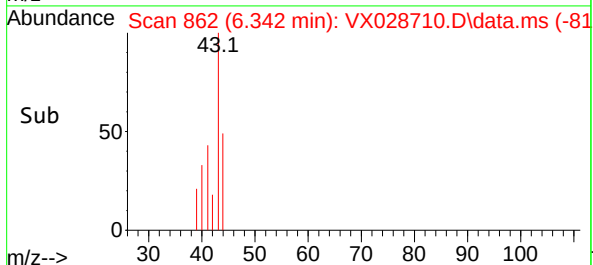
Tgt Ion:117 Resp: 24815
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#

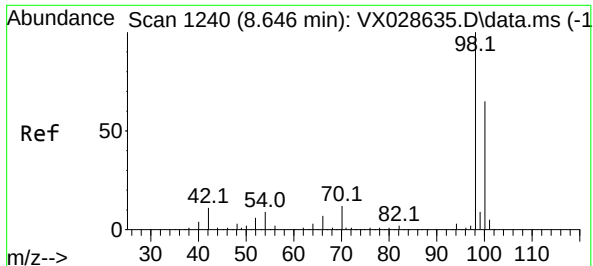


#43
Isopropyl Acetate
Concen: 0.207 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31



Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
61 6.5 18.5 27.7#
87 0.0 13.0 19.6#

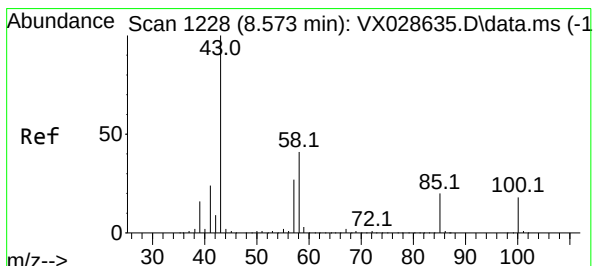
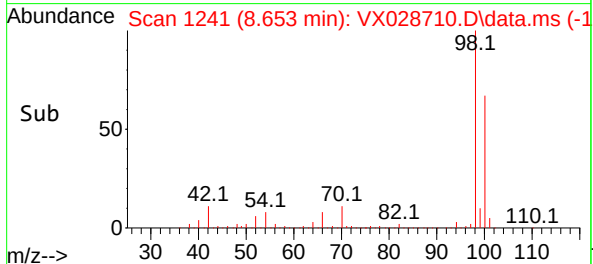
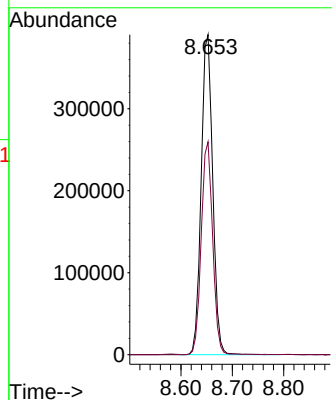
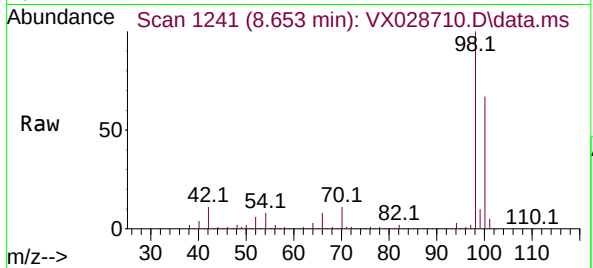




#50
Toluene-d8
Concen: 55.528 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

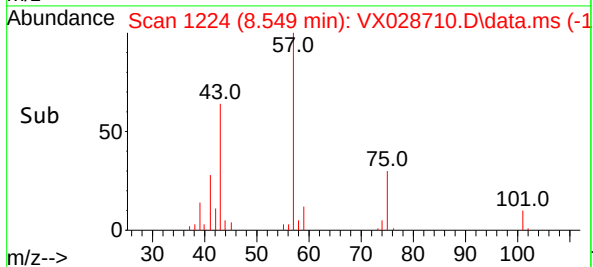
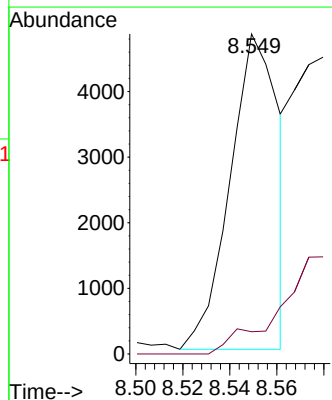
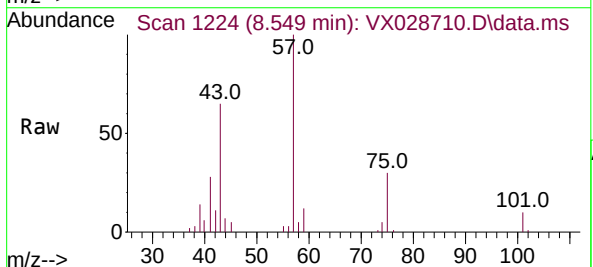
Instrument :
MSVOA_X
ClientSampleId :
COM-3

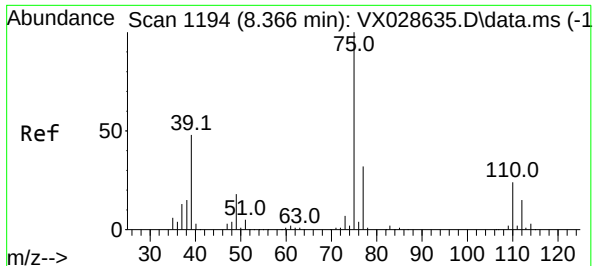
Tgt Ion: 98 Resp: 605864
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.475 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion: 43 Resp: 6901
Ion Ratio Lower Upper
43 100
58 0.0 36.1 54.1#

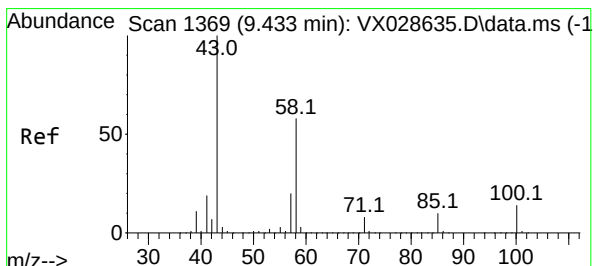
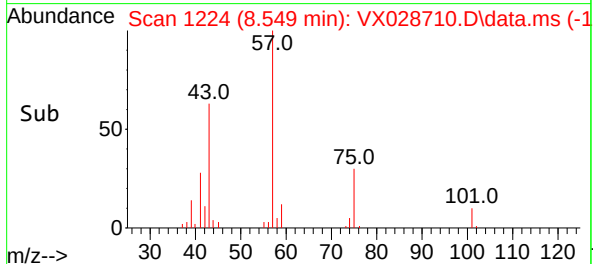
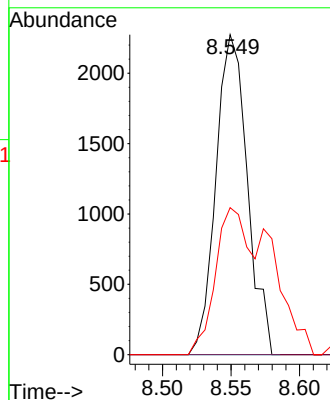
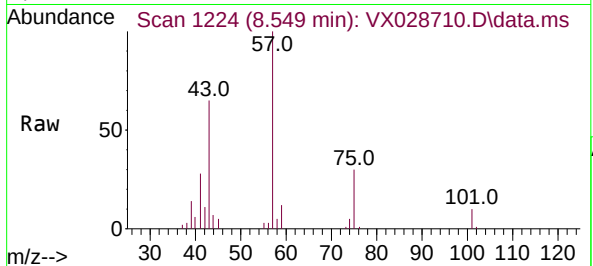




#54
 cis-1,3-Dichloropropene
 Concen: 0.746 ug/l
 RT: 8.549 min Scan# 11
 Delta R.T. 0.183 min
 Lab File: VX028710.D
 Acq: 14 May 2022 04:31

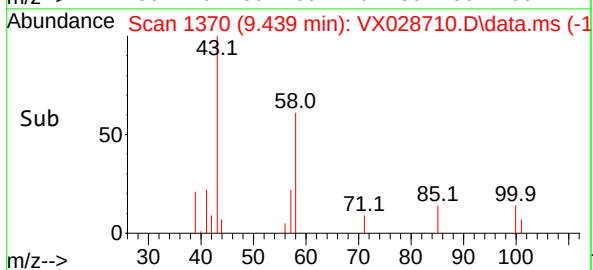
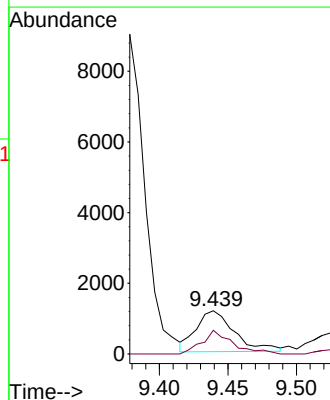
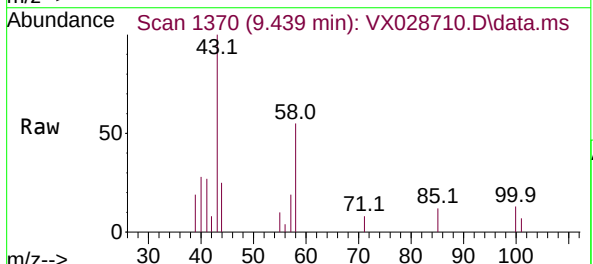
Instrument :
 MSVOA_X
 ClientSampleId :
 COM-3

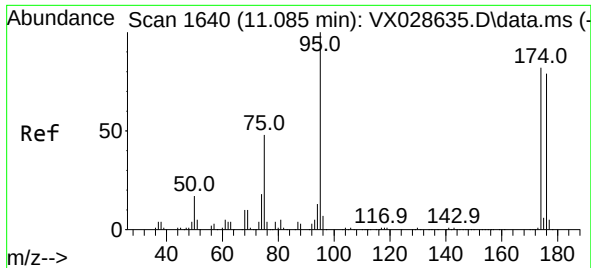
Tgt Ion: 75 Resp: 3629
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 46.0 29.6 44.4#



#59
 2-Hexanone
 Concen: 0.623 ug/l
 RT: 9.439 min Scan# 1370
 Delta R.T. 0.006 min
 Lab File: VX028710.D
 Acq: 14 May 2022 04:31

Tgt Ion: 43 Resp: 2263
 Ion Ratio Lower Upper
 43 100
 58 45.9 31.9 95.7

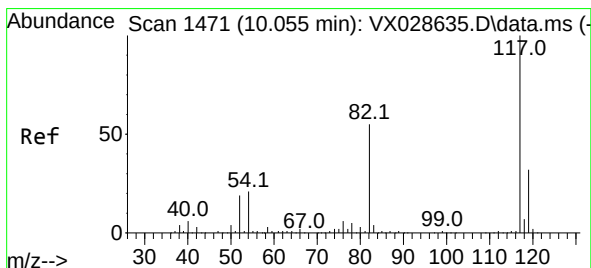
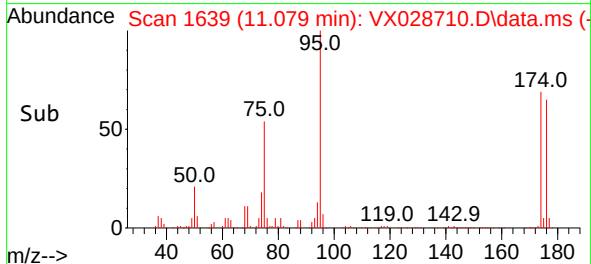
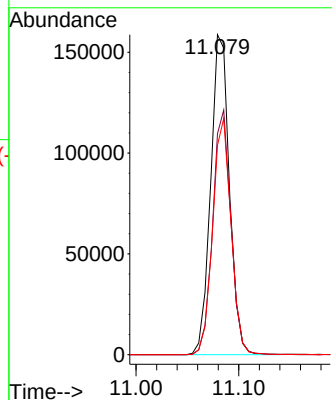
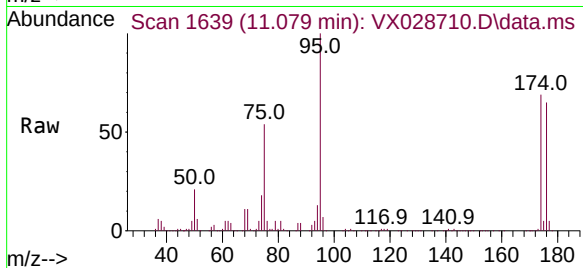




#62
4-Bromofluorobenzene
Concen: 49.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

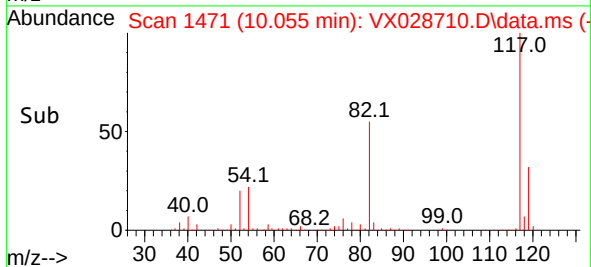
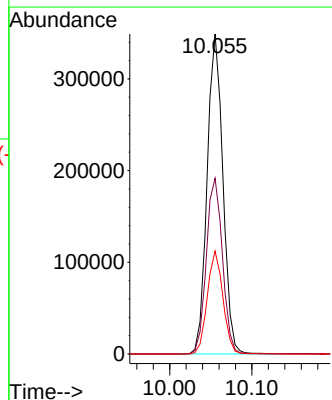
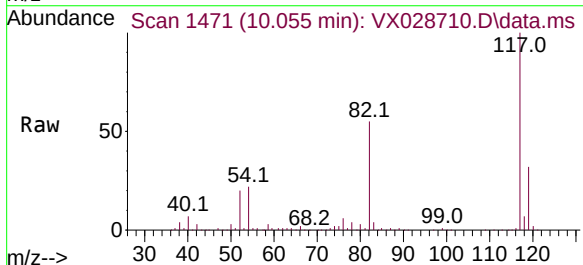
Instrument :
MSVOA_X
ClientSampleId :
COM-3

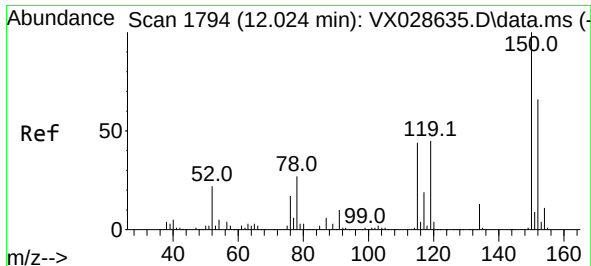
Tgt Ion: 95 Resp: 200979
Ion Ratio Lower Upper
95 100
174 74.4 0.0 163.0
176 72.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion: 117 Resp: 464454
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 32.2 24.8 37.2

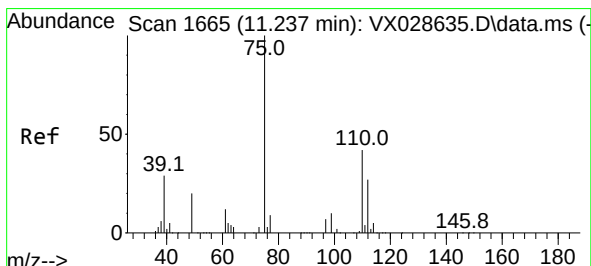
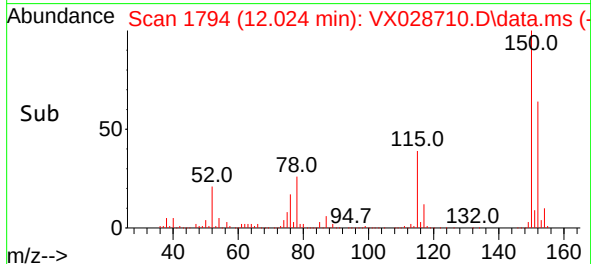
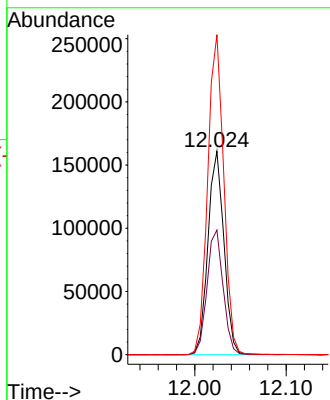
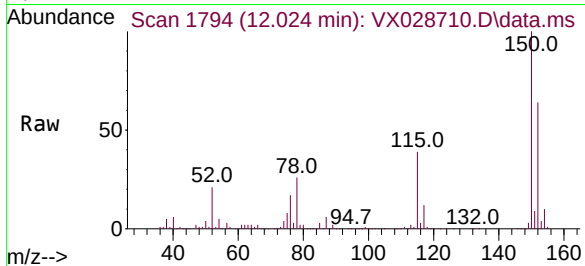




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028710.D
 Acq: 14 May 2022 04:31

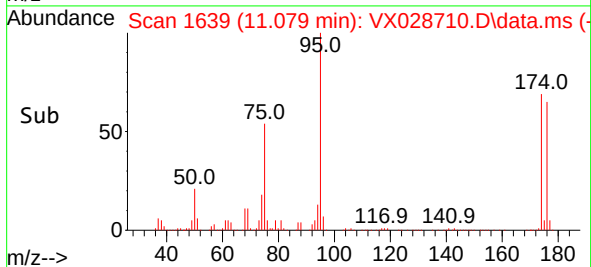
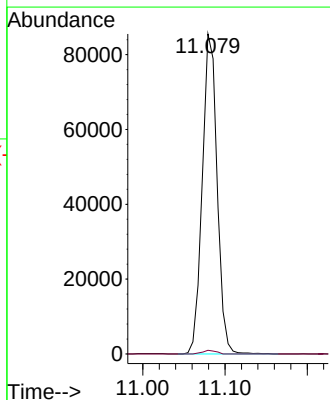
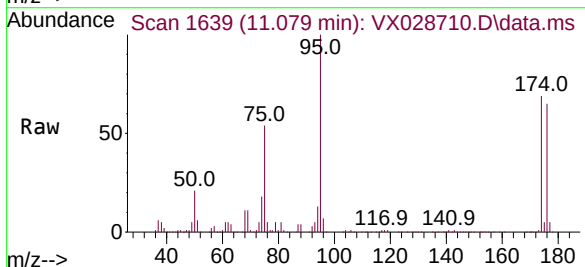
Instrument :
 MSVOA_X
 ClientSampleId :
 COM-3

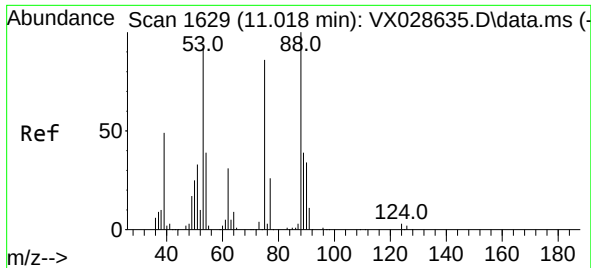
Tgt Ion:152 Resp: 194770
 Ion Ratio Lower Upper
 152 100
 115 61.9 37.5 112.7
 150 158.0 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.503 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028710.D
 Acq: 14 May 2022 04:31

Tgt Ion: 75 Resp: 107204
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#

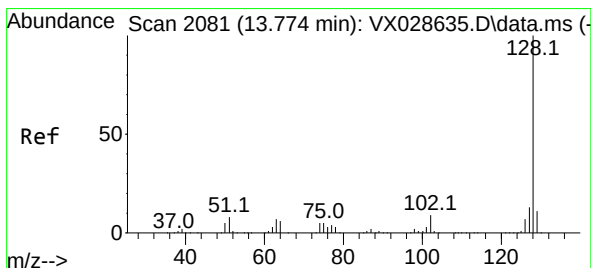
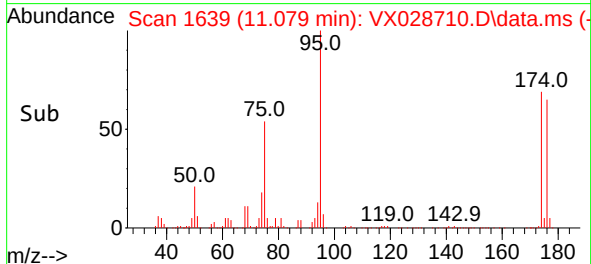
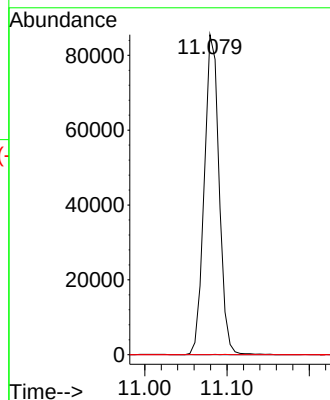
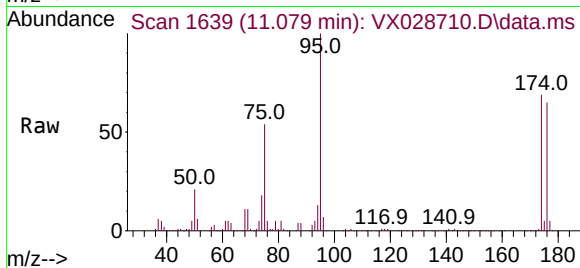




#81
trans-1,4-Dichloro-2-butene
Concen: 68.558 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Instrument :
MSVOA_X
ClientSampleId :
COM-3

Tgt Ion: 75 Resp: 107204
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 0.216 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion: 128 Resp: 2989
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 12.3 8.7 13.1

