

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027965.D
 Acq On : 04 Apr 2022 18:07
 Operator : JC/MD
 Sample : PB143824ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 05 05:52:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

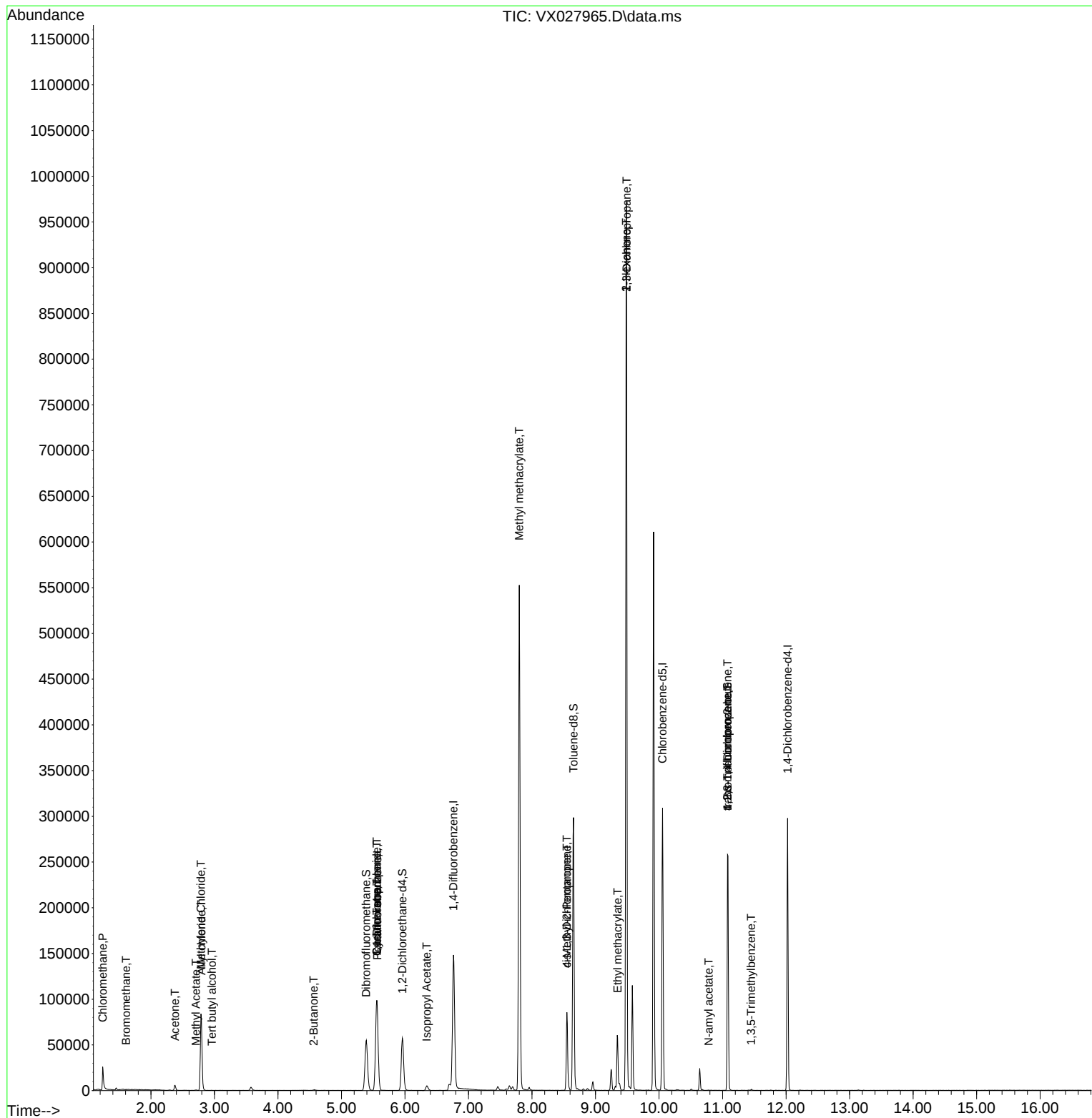
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	90701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56517	48.293	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.580%
35) Dibromofluoromethane	5.385	113	48013	50.101	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.200%
50) Toluene-d8	8.653	98	171415	50.837	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.680%
62) 4-Bromofluorobenzene	11.079	95	72219	50.400	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	515	0.709	ug/l #	42
5) Bromomethane	1.605	94	88	0.262	ug/l #	3
11) Tert butyl alcohol	2.959	59	114	0.507	ug/l #	72
14) Allyl chloride	2.794	41	1371	0.958	ug/l #	25
16) Acetone	2.380	43	6116	11.809	ug/l #	85
18) Methyl Acetate	2.709	43	756	0.592	ug/l #	75
20) Methylene Chloride	2.788	84	36957	39.670	ug/l #	87
25) 2-Butanone	4.562	43	575	0.763	ug/l #	75
31) Cyclohexane	5.556	56	1872	1.447	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7221	5.983	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9897	7.422	ug/l #	15
43) Isopropyl Acetate	6.342	43	6999	2.920	ug/l	95
48) Methyl methacrylate	7.799	41	47796	38.026	ug/l #	34
51) 4-Methyl-2-Pentanone	8.549	43	29747	17.892	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	12631	8.126	ug/l #	73
56) Ethyl methacrylate	9.348	69	402	0.248	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	8221	4.780	ug/l #	42
59) 2-Hexanone	9.482	43	119311	93.199	ug/l #	42
74) N-amyl acetate	10.781	43	434	0.231	ug/l #	36
76) 1,2,3-Trichloropropane	11.079	75	38911	29.664	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	723	0.200	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	38911	86.444	ug/l #	15

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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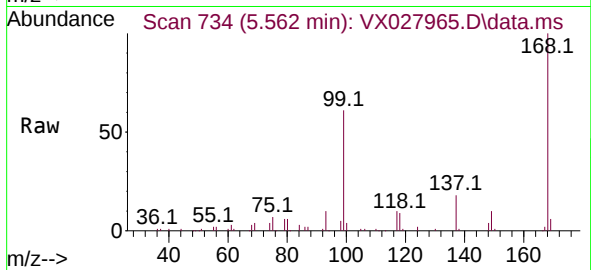


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

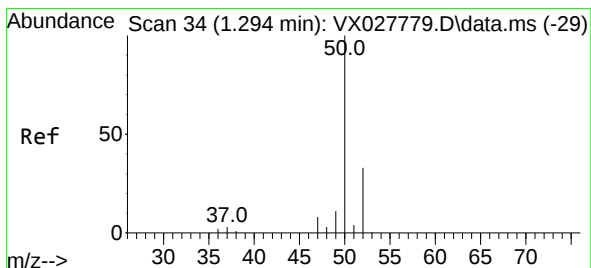
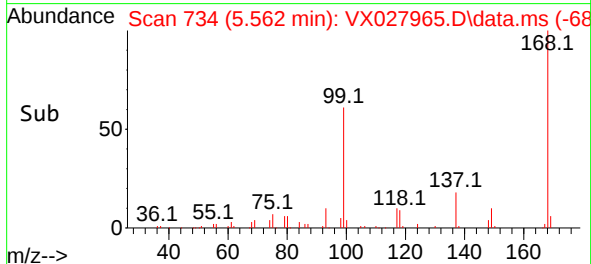
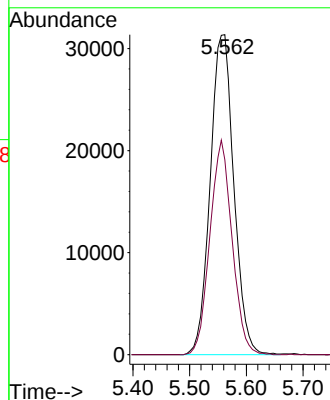
Instrument :

MSVOA_X

ClientSampleId :

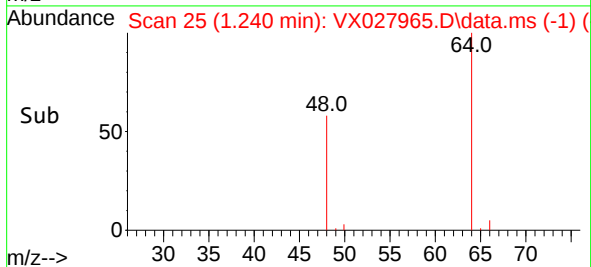
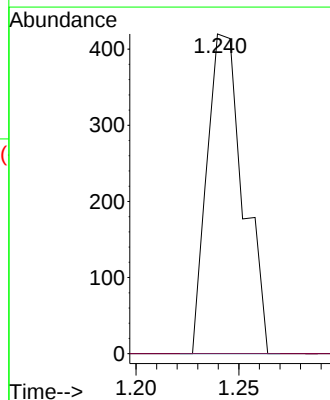
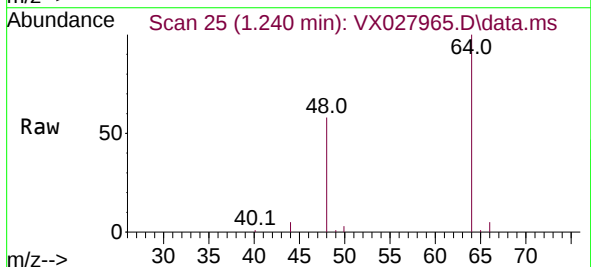


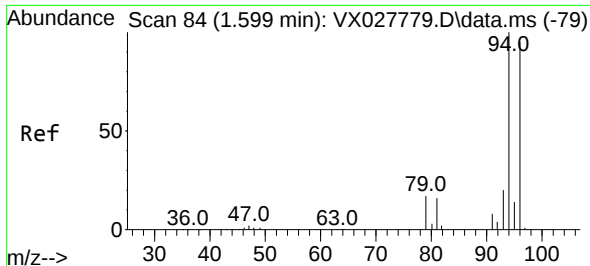
Tgt Ion:168 Resp: 90701
Ion Ratio Lower Upper
168 100
99 60.9 41.7 62.5



#3
Chloromethane
Concen: 0.709 ug/l
RT: 1.240 min Scan# 25
Delta R.T. -0.054 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

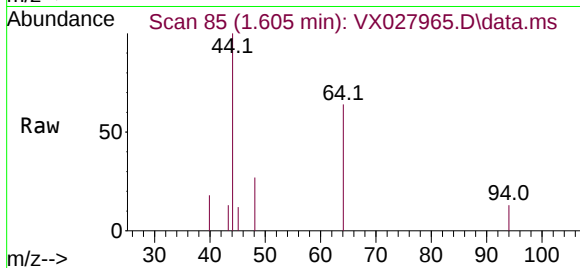
Tgt Ion: 50 Resp: 515
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



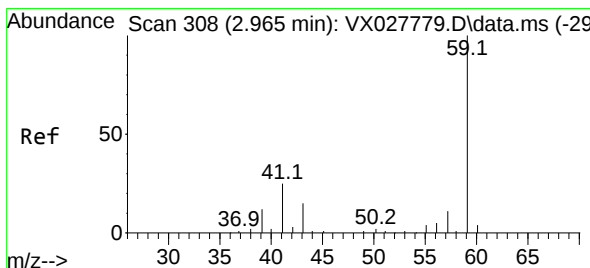
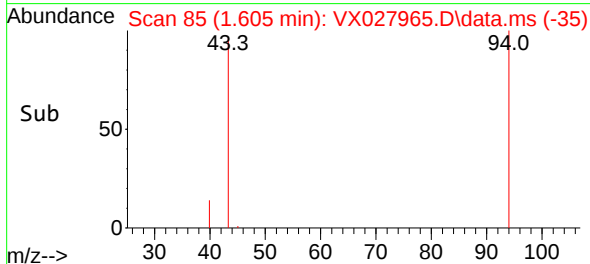
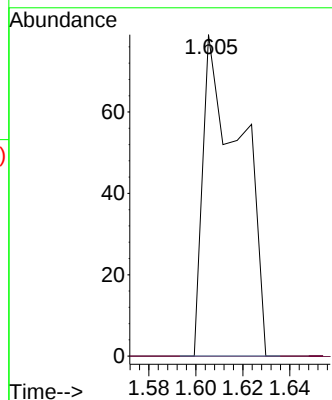


#5
Bromomethane
Concen: 0.262 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :

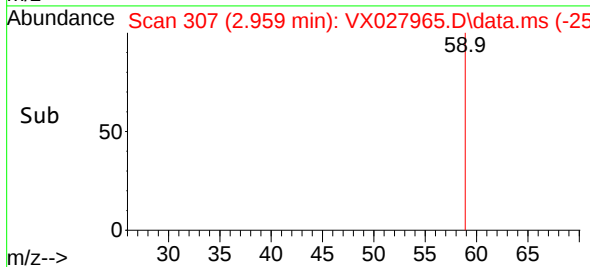
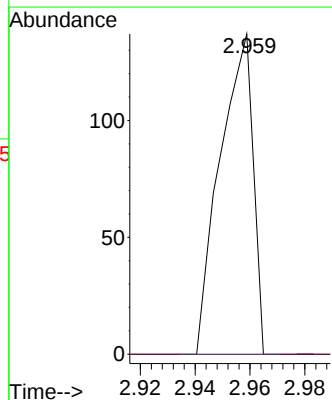
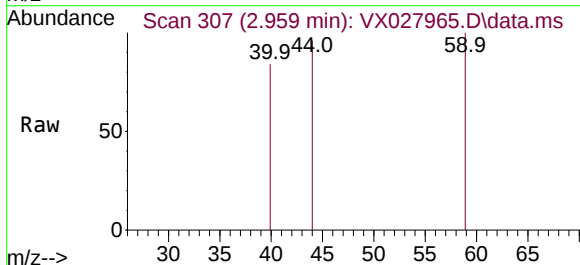


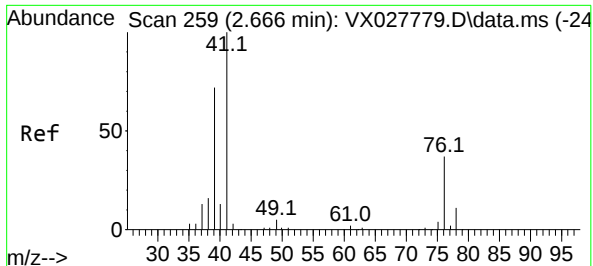
Tgt Ion: 94 Resp: 88
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#11
Tert butyl alcohol
Concen: 0.507 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

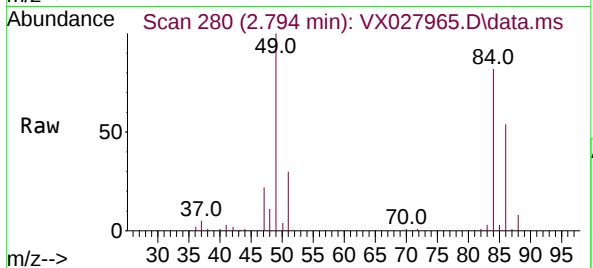
Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



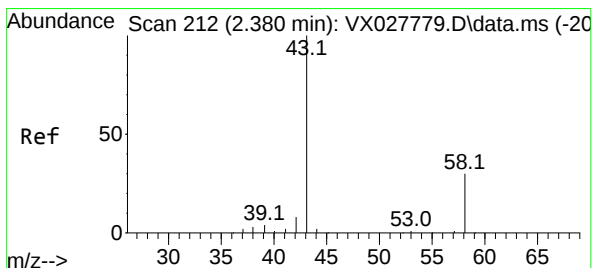
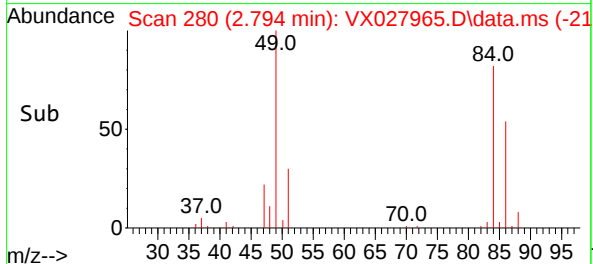
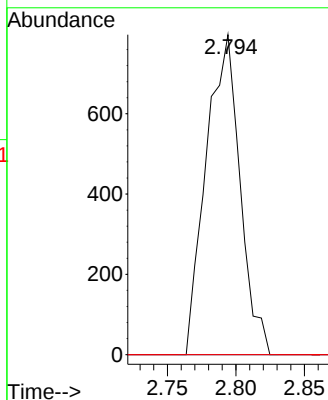


#14
 Allyl chloride
 Concen: 0.958 ug/l
 RT: 2.794 min Scan# 212
 Delta R.T. 0.128 min
 Lab File: VX027965.D
 Acq: 04 Apr 2022 18:07

Instrument :
 MSVOA_X
 ClientSampleId :

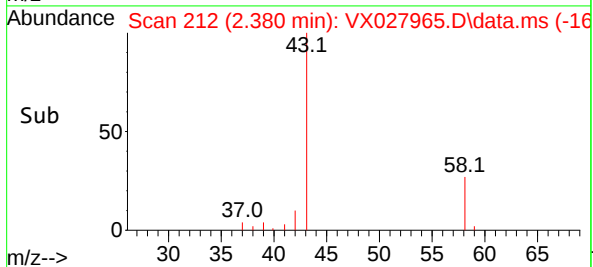
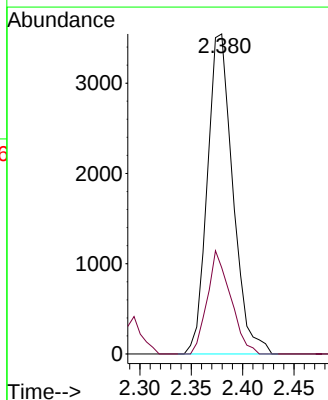
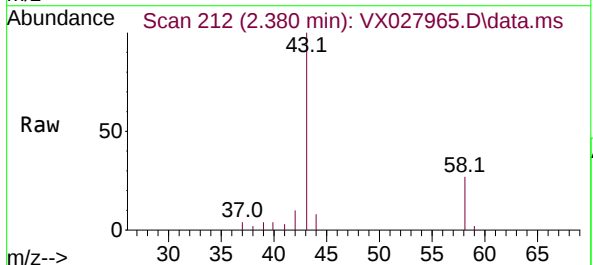


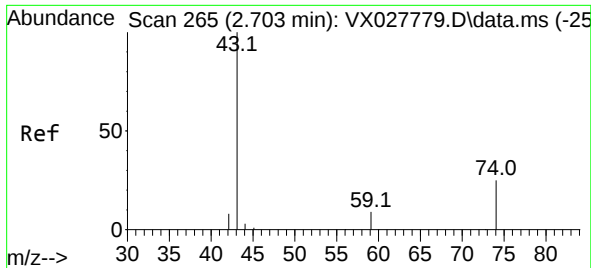
Tgt Ion: 41 Resp: 1371
 Ion Ratio Lower Upper
 41 100
 39 0.0 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 11.809 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX027965.D
 Acq: 04 Apr 2022 18:07

Tgt Ion: 43 Resp: 6116
 Ion Ratio Lower Upper
 43 100
 58 27.0 28.8 43.2#

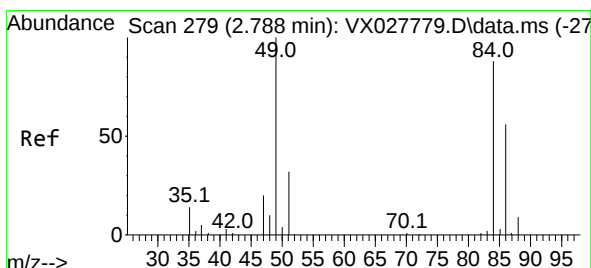
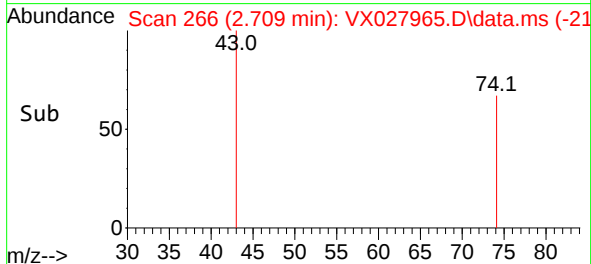
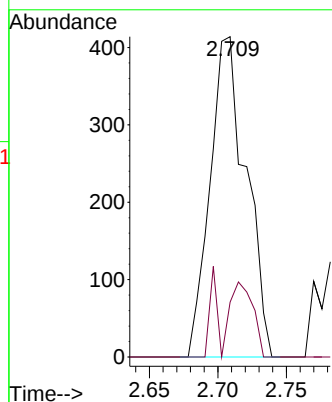
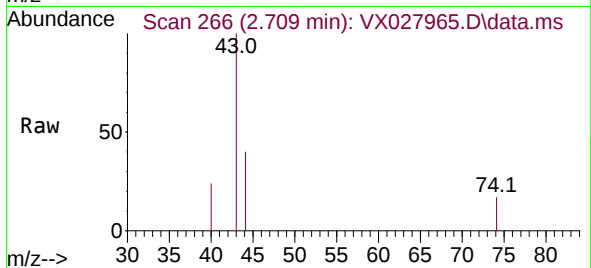




#18
Methyl Acetate
Concen: 0.592 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

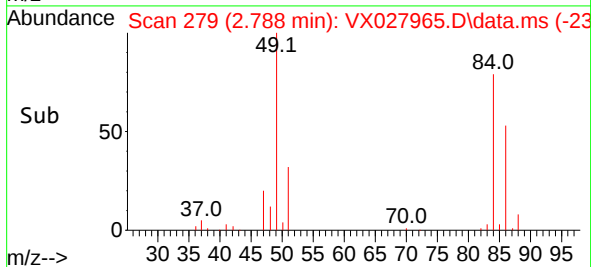
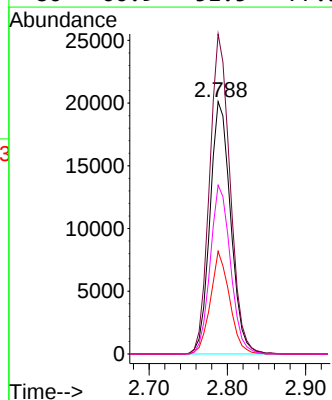
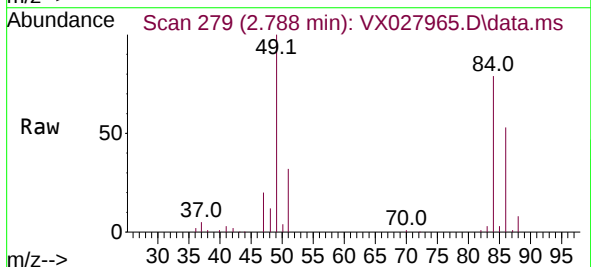
Instrument :
MSVOA_X
ClientSampleId :

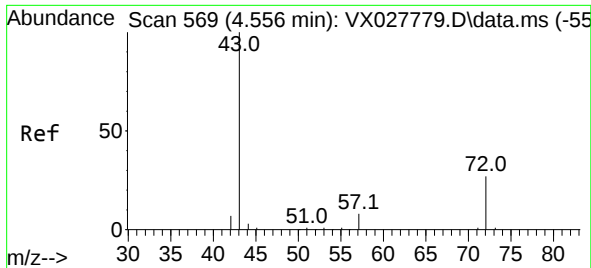
Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
74 15.1 22.8 34.2#



#20
Methylene Chloride
Concen: 39.670 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

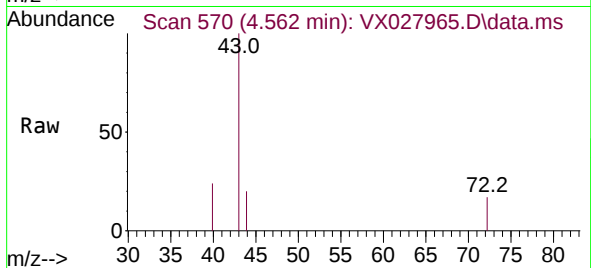
Tgt Ion: 84 Resp: 36957
Ion Ratio Lower Upper
84 100
49 126.8 85.5 128.3
51 40.7 26.6 39.8#
86 66.9 51.5 77.3



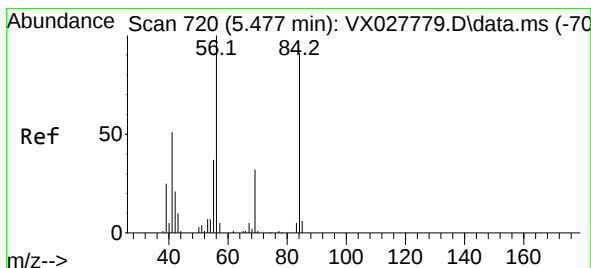
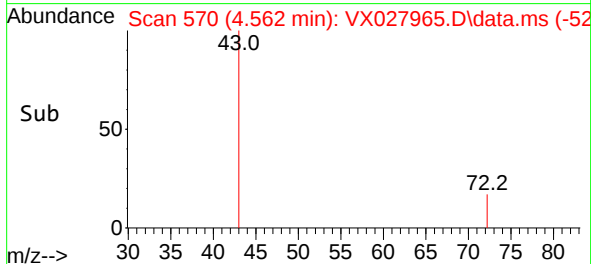
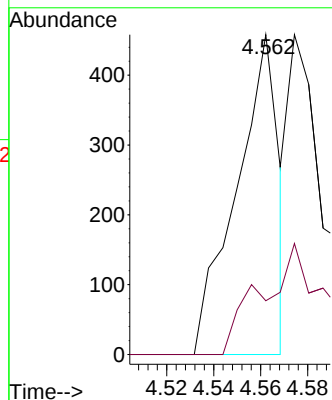


#25
2-Butanone
Concen: 0.763 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :

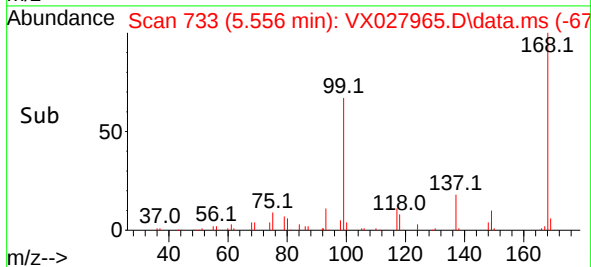
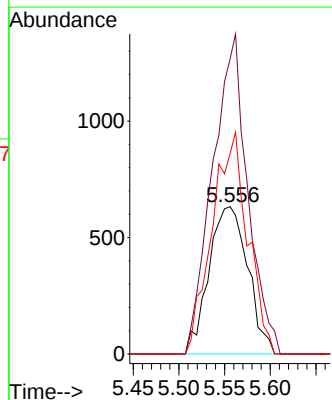
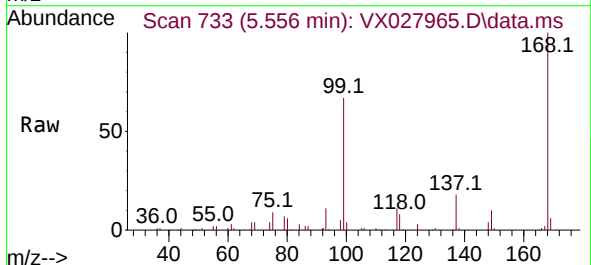


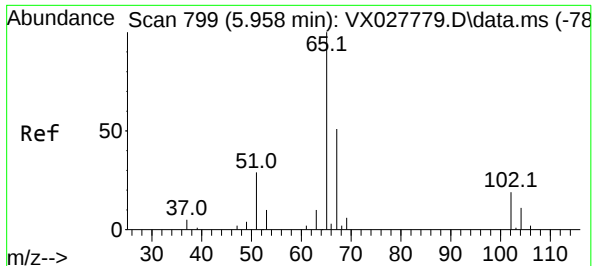
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
72 16.8 24.4 36.6#



#31
Cyclohexane
Concen: 1.447 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

Tgt Ion: 56 Resp: 1872
Ion Ratio Lower Upper
56 100
69 200.2 26.7 40.1#
84 136.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.293 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027965.D

Acq: 04 Apr 2022 18:07

Instrument :

MSVOA_X

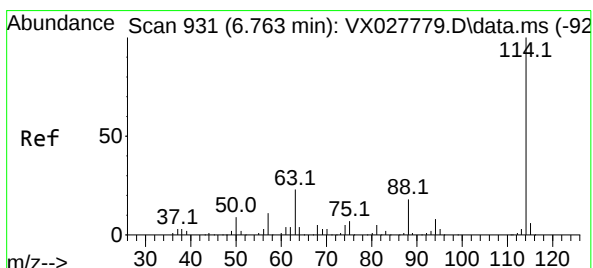
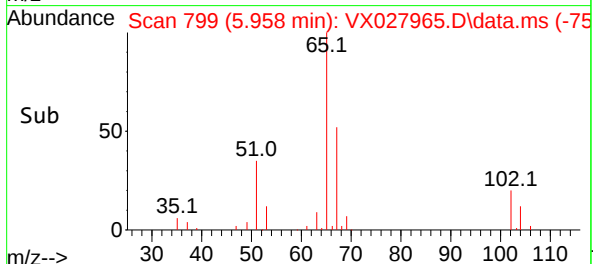
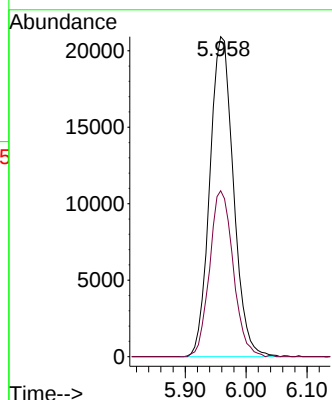
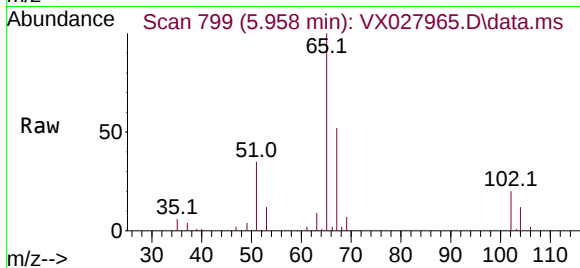
ClientSampleId :

Tgt Ion: 65 Resp: 56517

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# 931

Delta R.T. 0.000 min

Lab File: VX027965.D

Acq: 04 Apr 2022 18:07

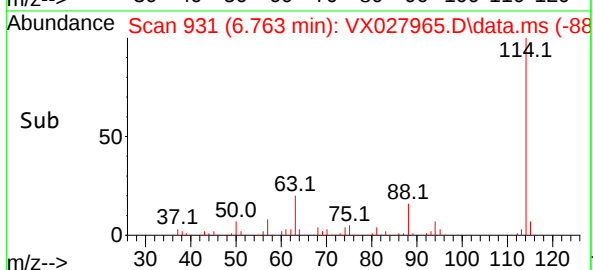
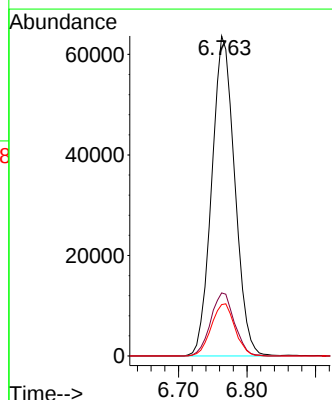
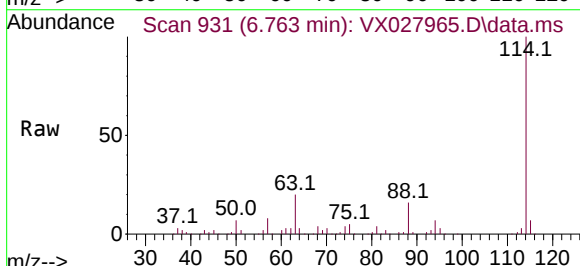
Tgt Ion: 114 Resp: 148469

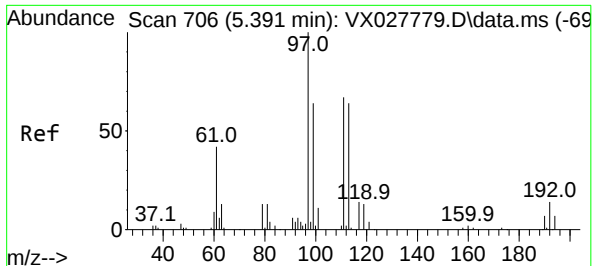
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.101 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

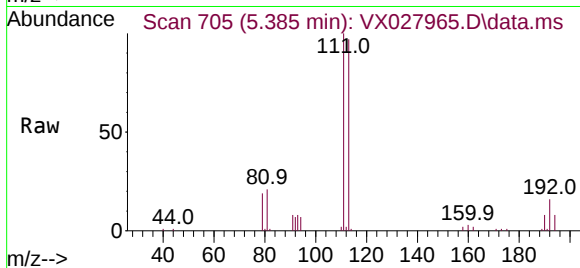
Lab File: VX027965.D

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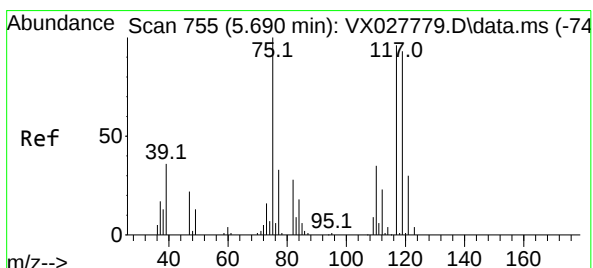
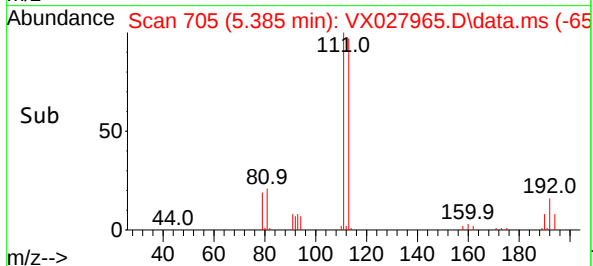
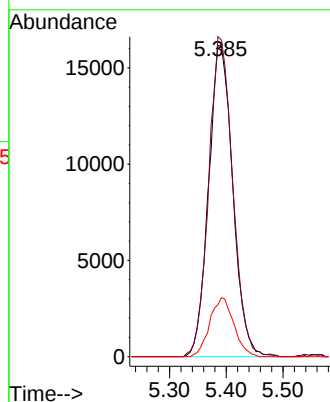
Tgt Ion:113 Resp: 48013

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 18.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.983 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027965.D

Acq: 04 Apr 2022 18:07

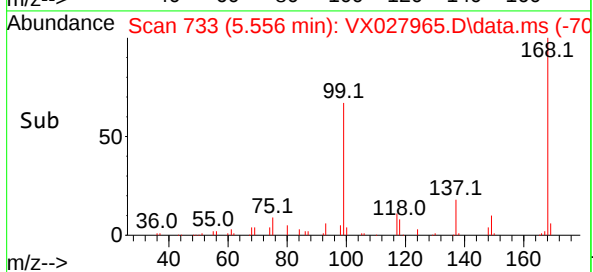
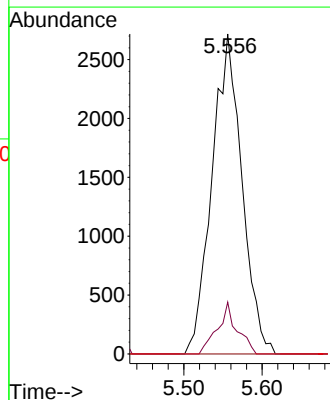
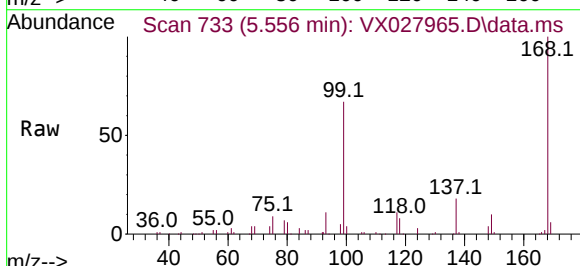
Tgt Ion: 75 Resp: 7221

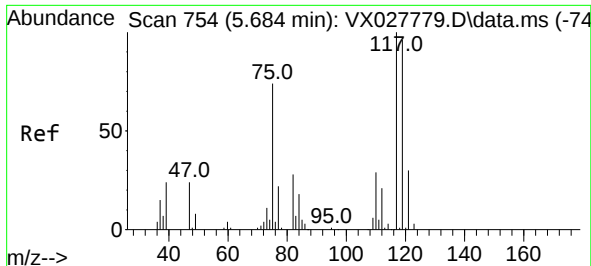
Ion Ratio Lower Upper

75 100

110 10.5 18.3 54.8#

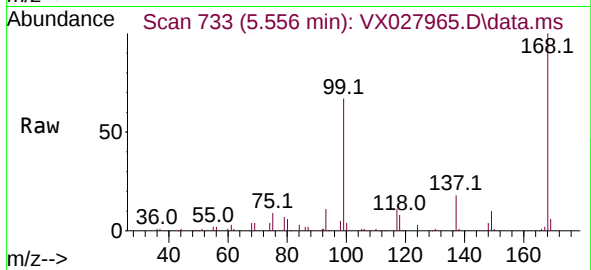
77 0.0 24.8 37.2#



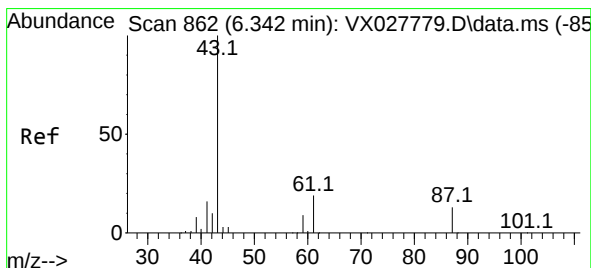
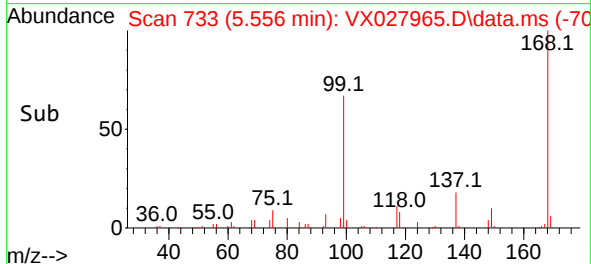
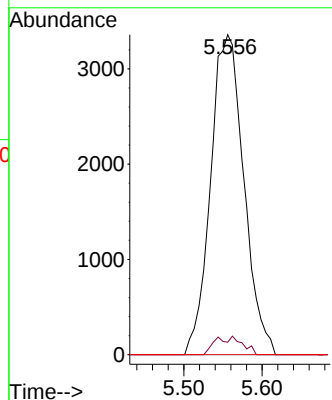


#38
Carbon Tetrachloride
Concen: 7.422 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :

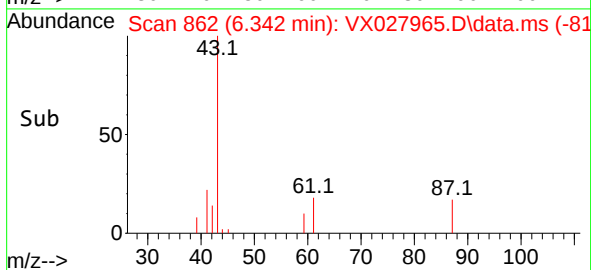
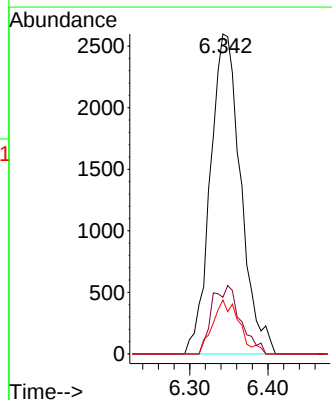
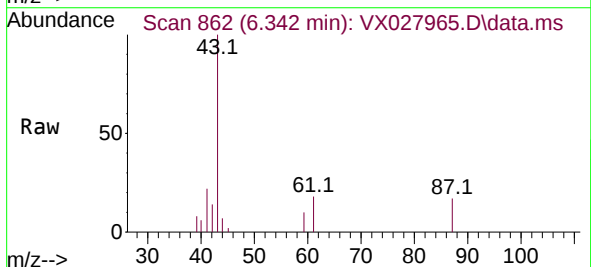


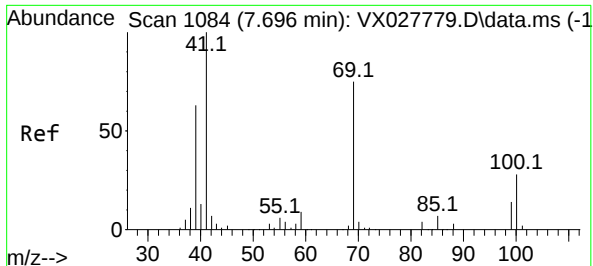
Tgt Ion:117 Resp: 9897
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.920 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

Tgt Ion: 43 Resp: 6999
Ion Ratio Lower Upper
43 100
61 20.1 18.5 27.7
87 14.8 13.0 19.6





#48

Methyl methacrylate

Concen: 38.026 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX027965.D

Acq: 04 Apr 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

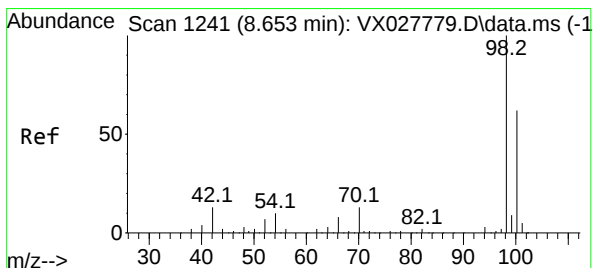
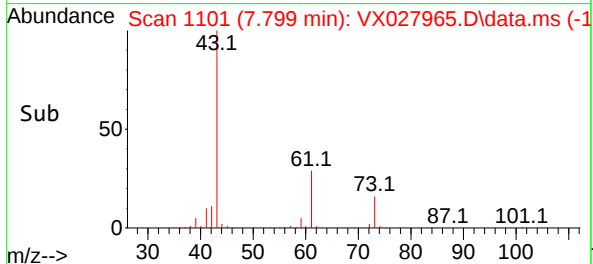
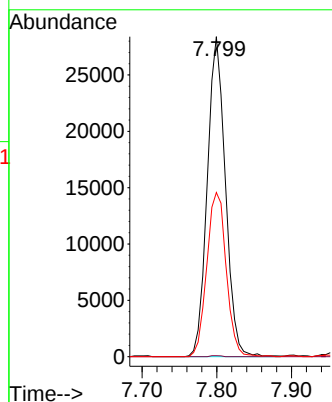
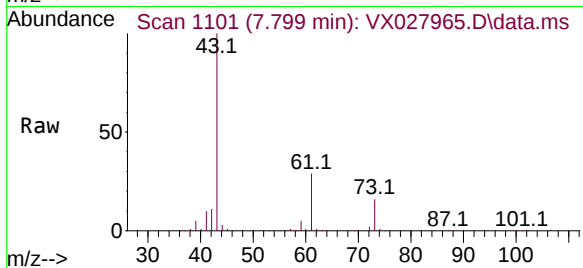
Tgt Ion: 41 Resp: 47796

Ion Ratio Lower Upper

41 100

69 0.2 82.5 123.7#

39 55.0 43.8 65.8



#50

Toluene-d8

Concen: 50.837 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027965.D

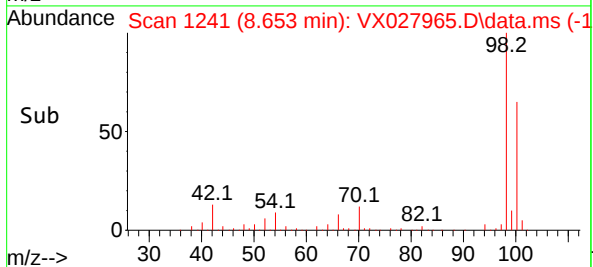
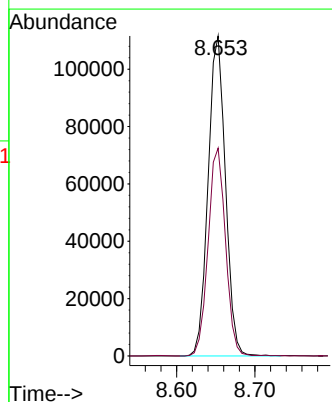
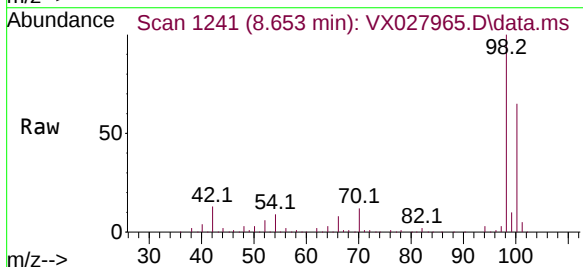
Acq: 04 Apr 2022 18:07

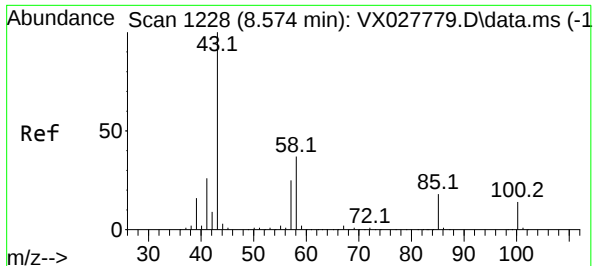
Tgt Ion: 98 Resp: 171415

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

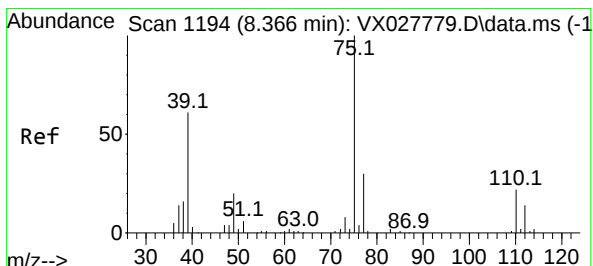
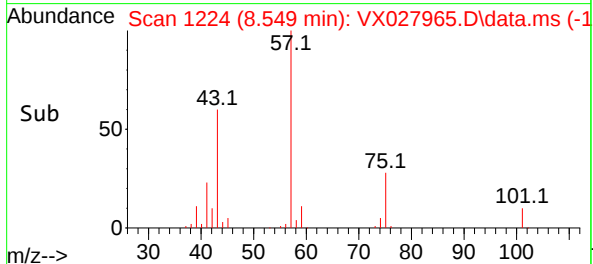
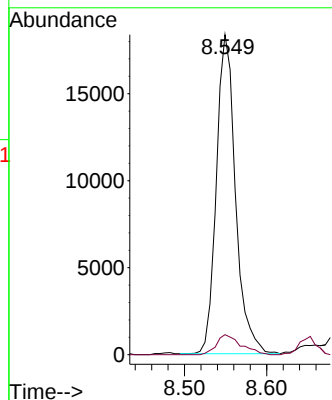
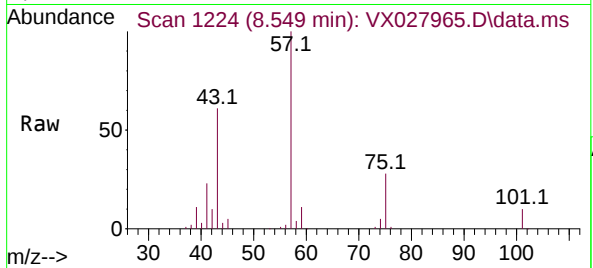




#51
4-Methyl-2-Pentanone
Concen: 17.892 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

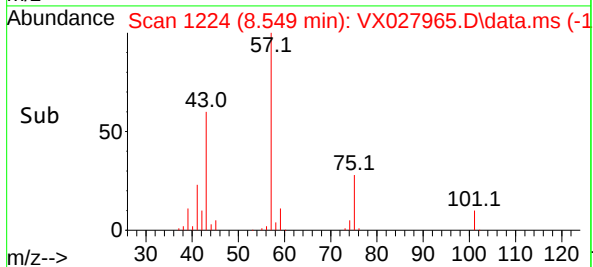
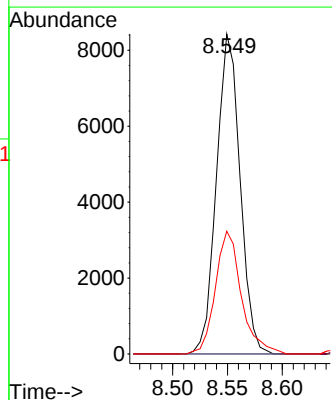
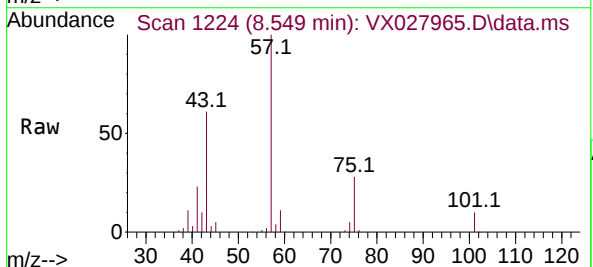
Instrument :
MSVOA_X
ClientSampleId :

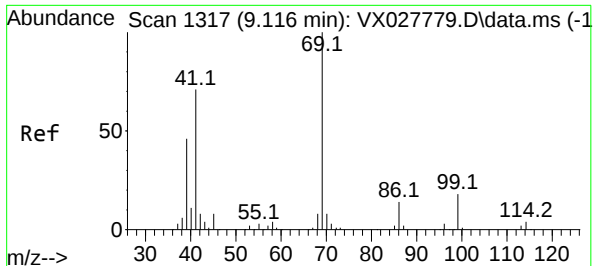
Tgt Ion: 43 Resp: 29747
Ion Ratio Lower Upper
43 100
58 8.0 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 8.126 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

Tgt Ion: 75 Resp: 12631
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 38.3 29.6 44.4

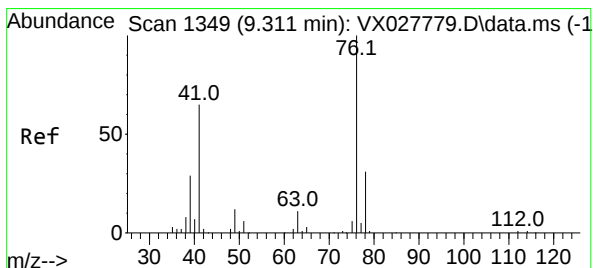
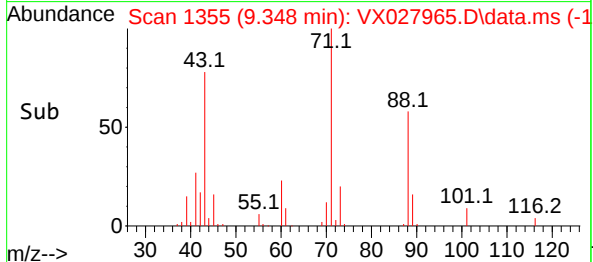
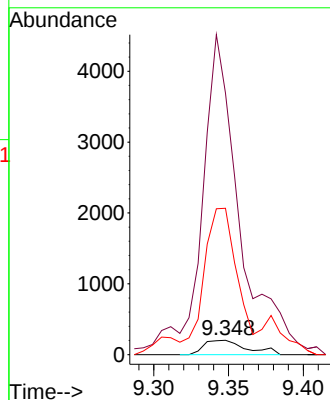
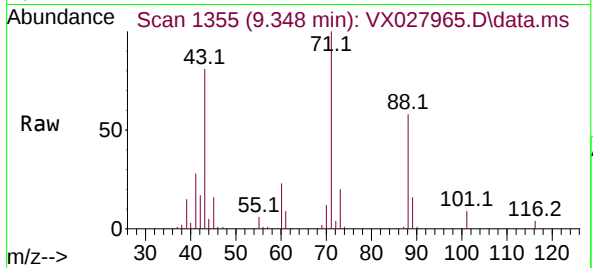




#56
Ethyl methacrylate
Concen: 0.248 ug/l
RT: 9.348 min Scan# 11
Delta R.T. 0.232 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

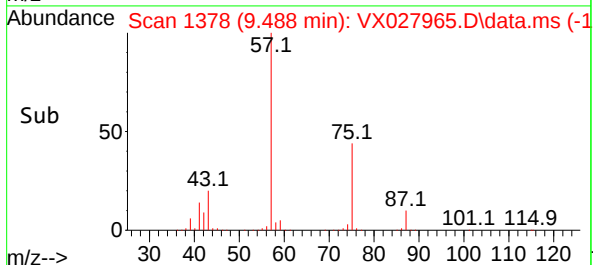
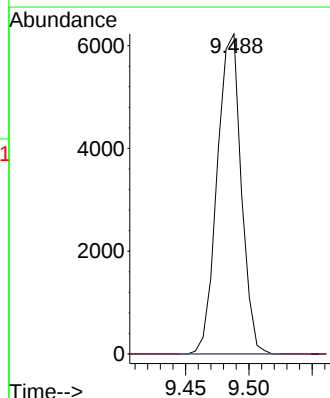
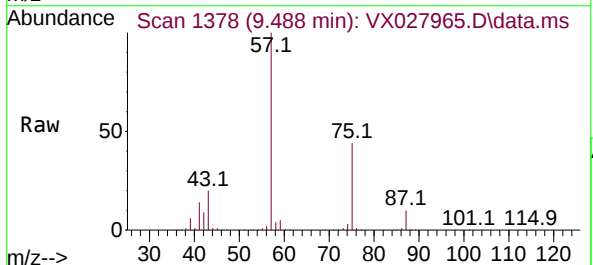
Instrument :
MSVOA_X
ClientSampleId :

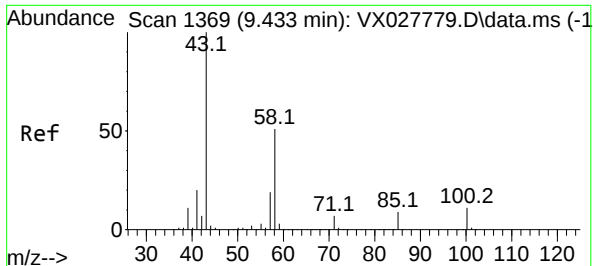
Tgt Ion: 69 Resp: 402
Ion Ratio Lower Upper
69 100
41 1831.6 43.8 65.6#
39 902.0 22.2 33.2#



#57
1,3-Dichloropropane
Concen: 4.780 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

Tgt Ion: 76 Resp: 8221
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#

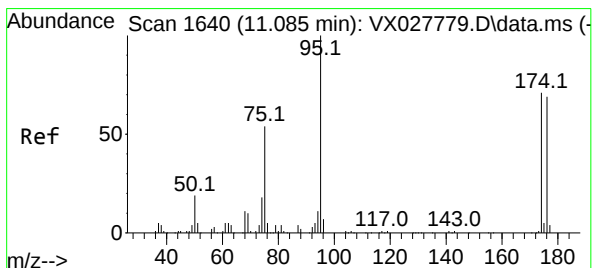
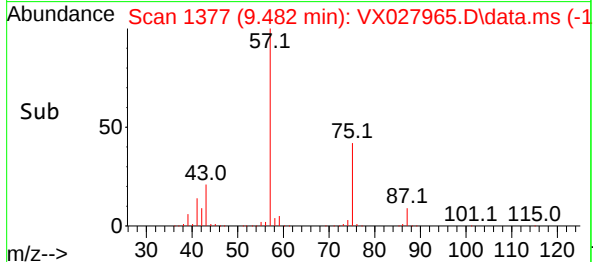
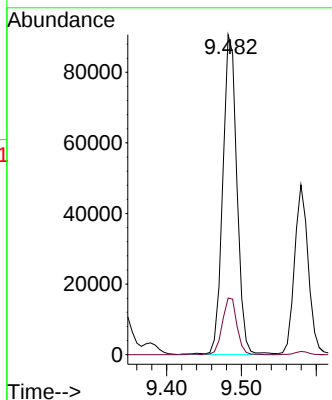
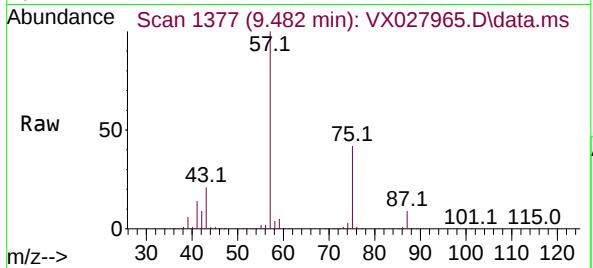




#59
2-Hexanone
Concen: 93.199 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

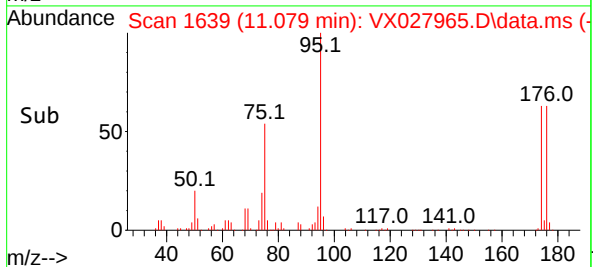
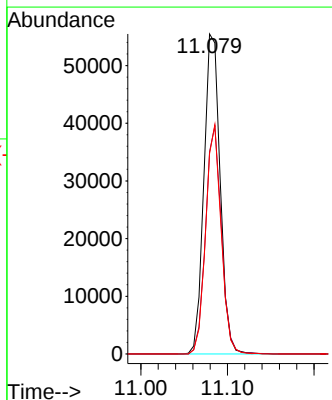
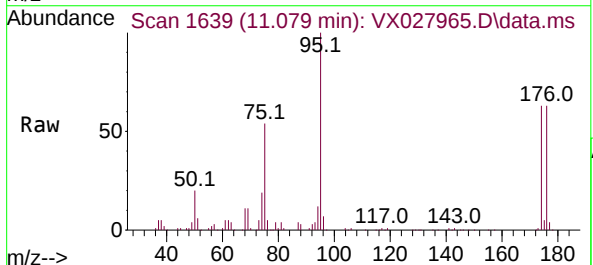
Instrument :
MSVOA_X
ClientSampleId :

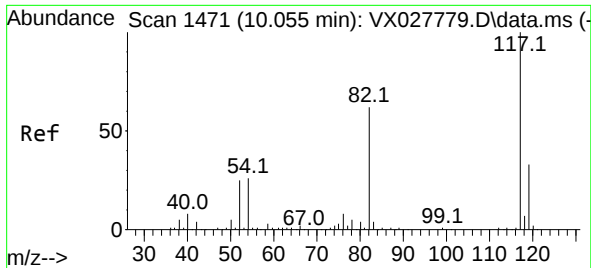
Tgt Ion: 43 Resp: 119311
Ion Ratio Lower Upper
43 100
58 18.2 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 50.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

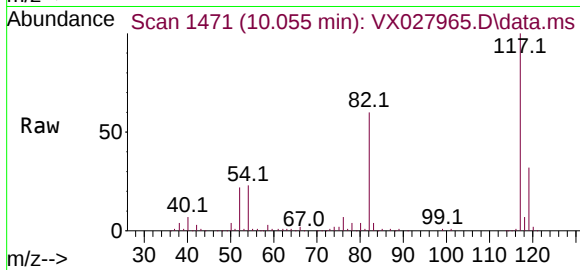
Tgt Ion: 95 Resp: 72219
Ion Ratio Lower Upper
95 100
174 69.6 0.0 163.0
176 68.0 0.0 155.0



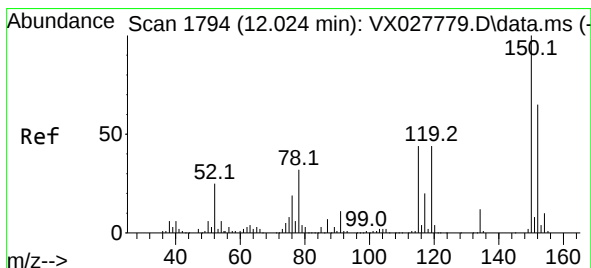
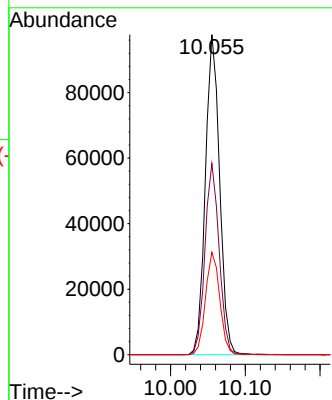
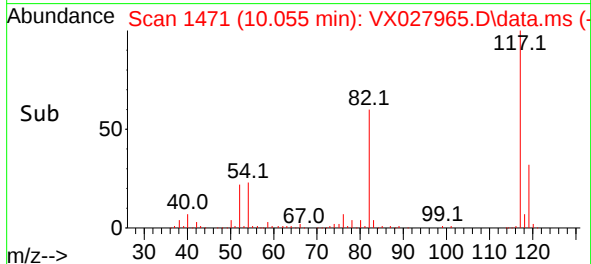


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :

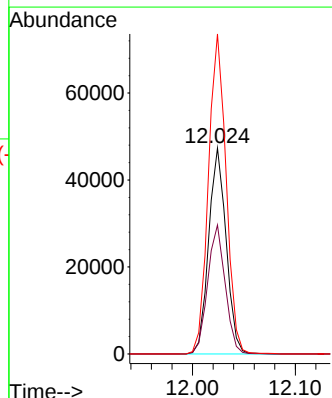
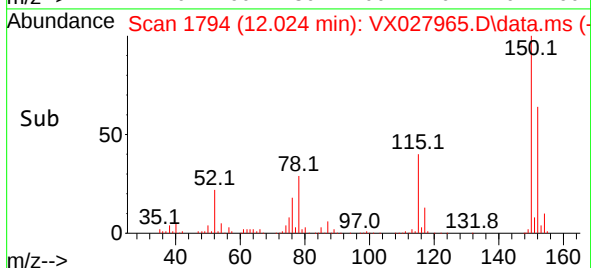
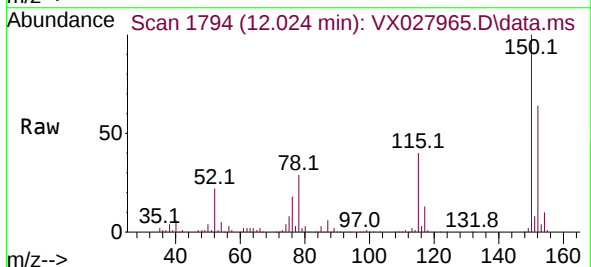


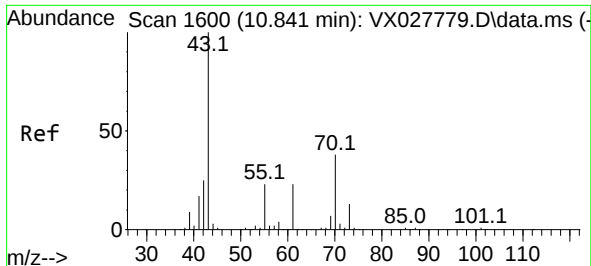
Tgt Ion:117 Resp: 129231
Ion Ratio Lower Upper
117 100
82 59.8 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

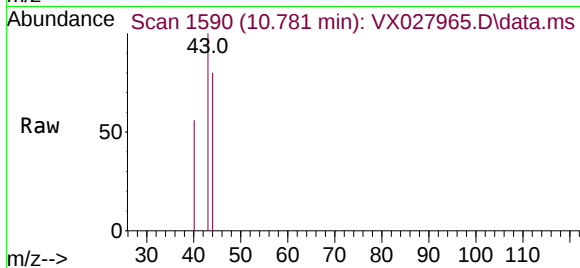
Tgt Ion:152 Resp: 55917
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 157.3 0.0 338.2



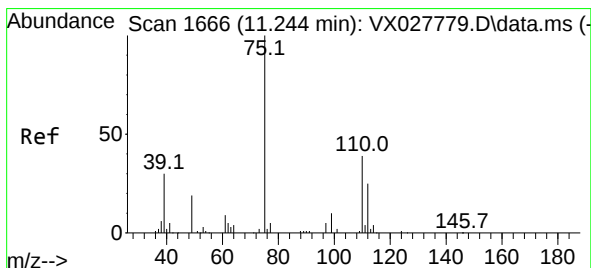
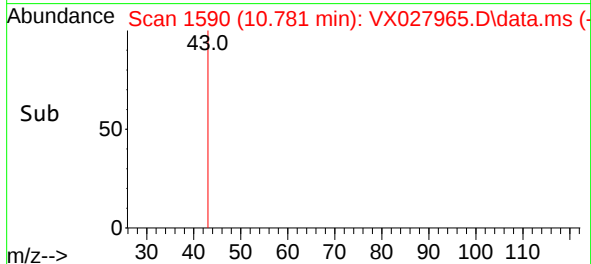
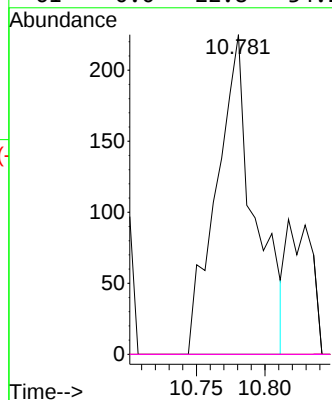


#74
N-amy1 acetate
Concen: 0.231 ug/l
RT: 10.781 min Scan# 1639
Delta R.T. -0.060 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :

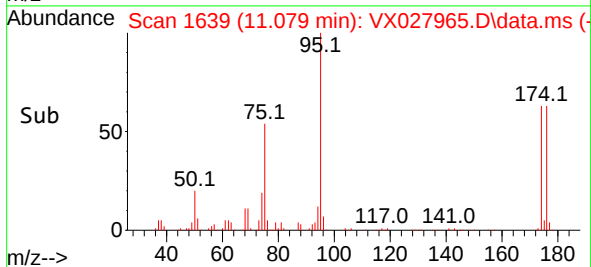
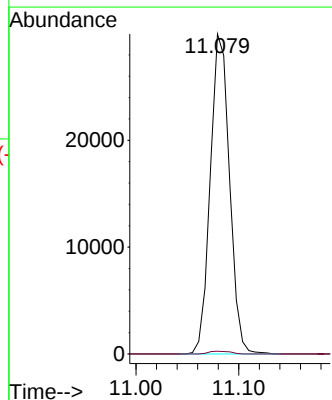
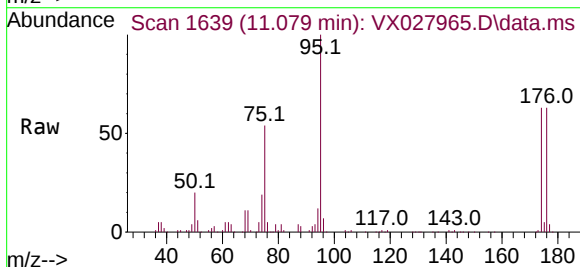


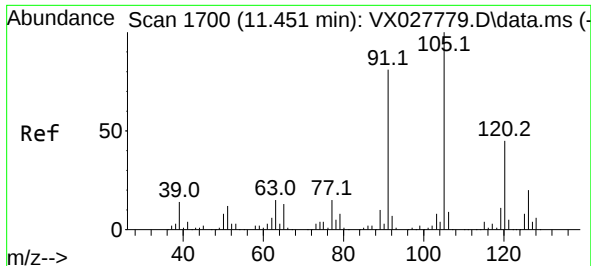
Tgt Ion: 43	Resp: 434
Ion Ratio	Lower Upper
43 100	
70 0.0	42.5 63.7#
55 0.0	23.1 34.7#
61 0.0	22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 29.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

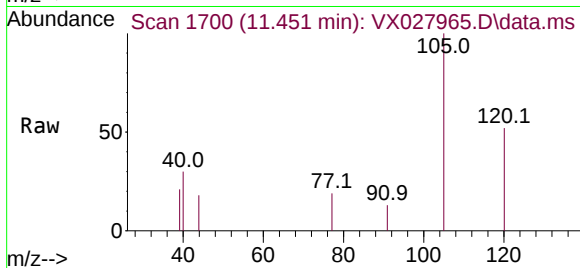
Tgt Ion: 75	Resp: 38911
Ion Ratio	Lower Upper
75 100	
77 1.0	19.4 58.2#



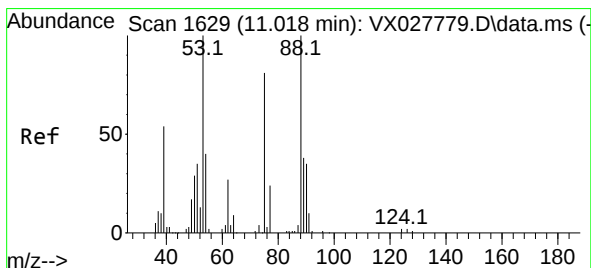
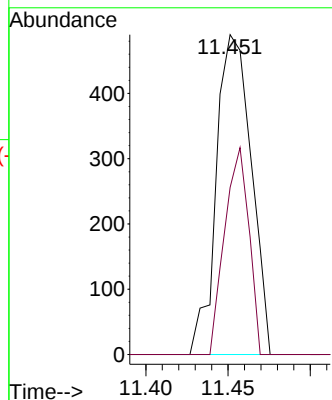
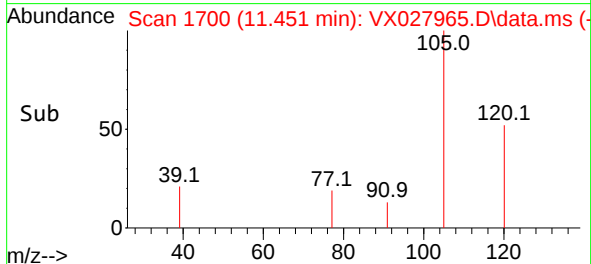


#80
1,3,5-Trimethylbenzene
Concen: 0.200 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:105 Resp: 723
Ion Ratio Lower Upper
105 100
120 44.8 24.3 72.9



#81
trans-1,4-Dichloro-2-butene
Concen: 86.444 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027965.D
Acq: 04 Apr 2022 18:07

Tgt Ion: 75 Resp: 38911
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

