

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027969.D
 Acq On : 04 Apr 2022 19:40
 Operator : JC/MD
 Sample : PB143824ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

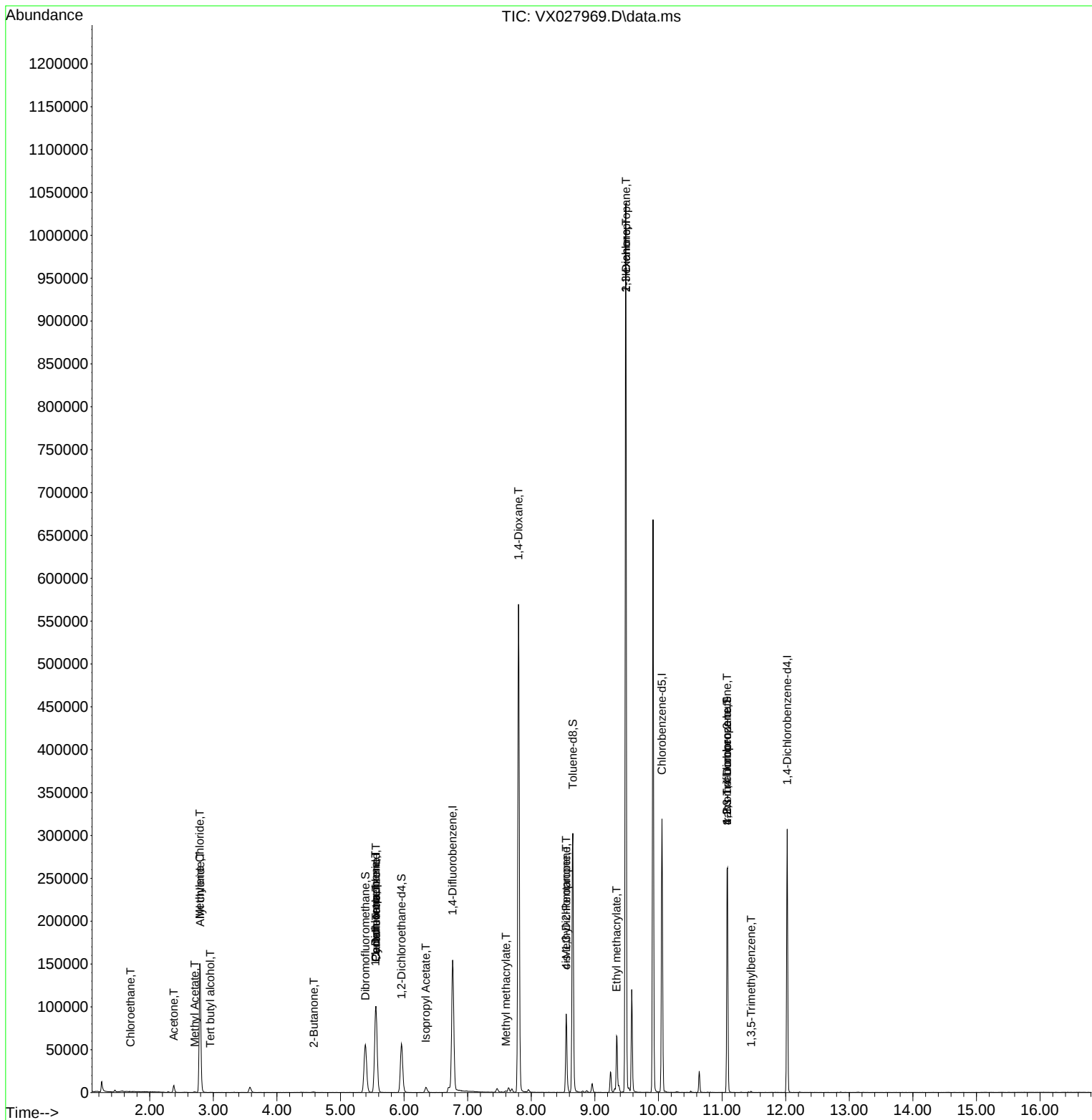
Quant Time: Apr 05 05:53:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	89473	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	152928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55552	48.120	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.240%		
35) Dibromofluoromethane	5.391	113	48304	48.935	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.860%		
50) Toluene-d8	8.653	98	178411	51.369	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.740%		
62) 4-Bromofluorobenzene	11.079	95	73996	50.135	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.260%		
Target Compounds						
						Qvalue
6) Chloroethane	1.697	64	120	0.242	ug/l	# 43
11) Tert butyl alcohol	2.953	59	107	0.483	ug/l	# 72
14) Allyl chloride	2.794	41	2403	1.703	ug/l	# 25
16) Acetone	2.380	43	8811	17.245	ug/l	90
18) Methyl Acetate	2.709	43	991	0.787	ug/l	# 86
20) Methylene Chloride	2.788	84	67210	73.134	ug/l	88
25) 2-Butanone	4.580	43	1250	1.681	ug/l	# 80
31) Cyclohexane	5.556	56	2104	1.649	ug/l	# 46
36) 1,1-Dichloropropene	5.550	75	7974	6.414	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	9972	7.260	ug/l	# 16
43) Isopropyl Acetate	6.342	43	7879	3.192	ug/l	# 94
48) Methyl methacrylate	7.604	41	2538	1.960	ug/l	# 7
49) 1,4-Dioxane	7.799	88	47	1.839	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	31680	18.499	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	13445	8.397	ug/l	# 74
56) Ethyl methacrylate	9.342	69	428	0.257	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	8803	4.970	ug/l	# 42
59) 2-Hexanone	9.488	43	125059	94.840	ug/l	# 42
76) 1,2,3-Trichloropropane	11.079	75	40225	30.023	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.457	105	852	0.231	ug/l	87
81) trans-1,4-Dichloro-2-b...	11.079	75	40225	87.448	ug/l	# 15

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

Quant Time: Apr 05 05:53:55 2022
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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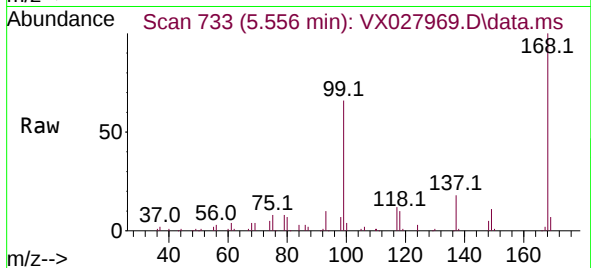


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

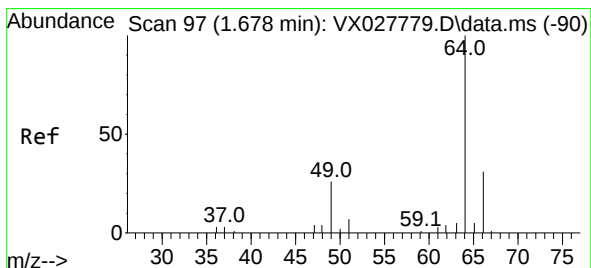
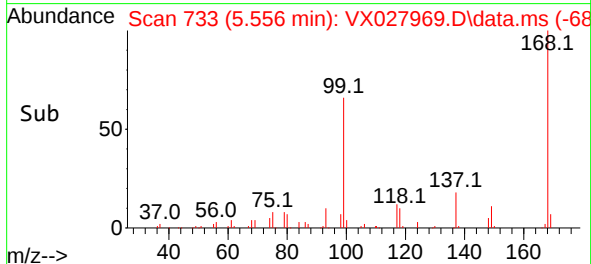
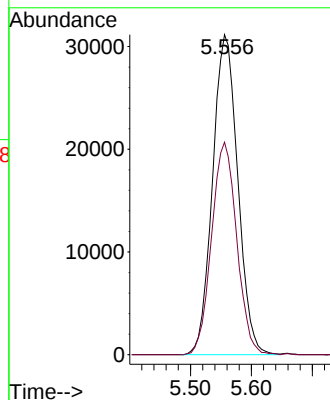
Instrument :

MSVOA_X

ClientSampleId :

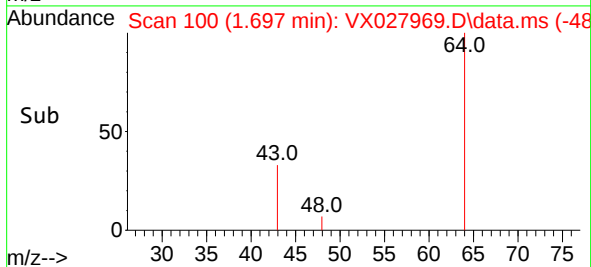
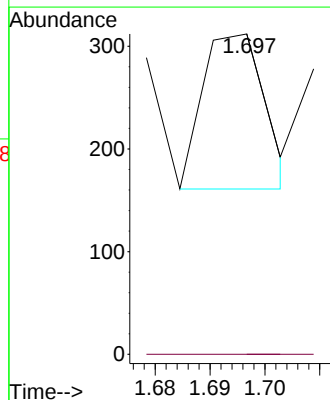
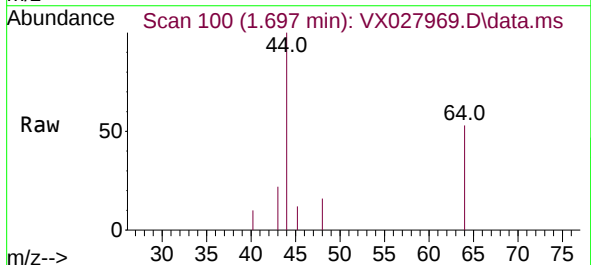


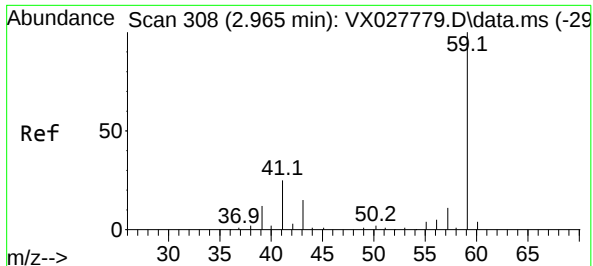
Tgt Ion:168 Resp: 89473
Ion Ratio Lower Upper
168 100
99 66.4 41.7 62.5#



#6
Chloroethane
Concen: 0.242 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

Tgt Ion: 64 Resp: 120
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 0.483 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX027969.D

Acq: 04 Apr 2022 19:40

Instrument :

MSVOA_X

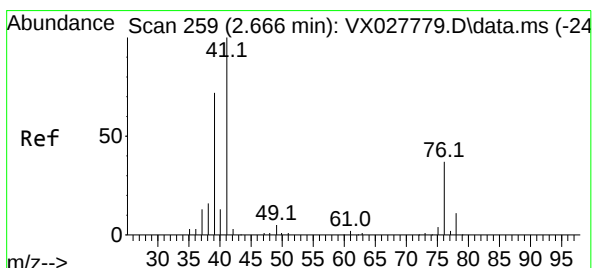
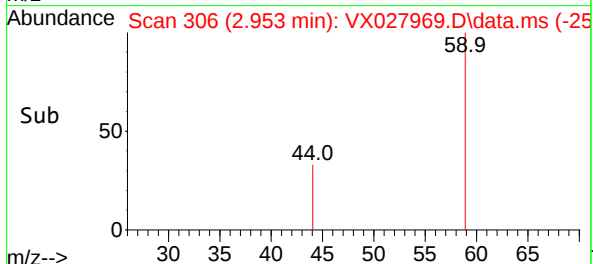
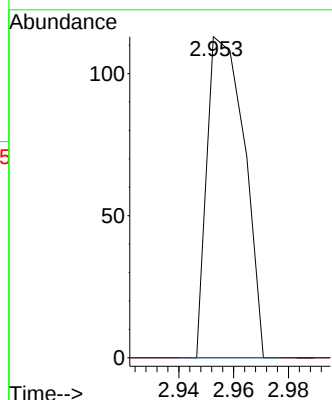
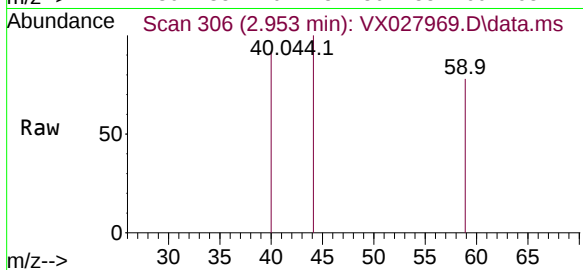
ClientSampleId :

Tgt Ion: 59 Resp: 107

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 1.703 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.128 min

Lab File: VX027969.D

Acq: 04 Apr 2022 19:40

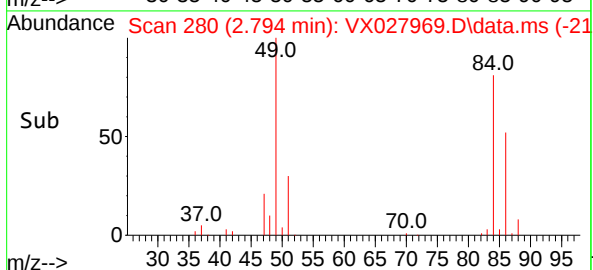
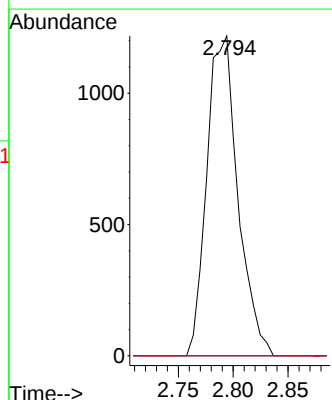
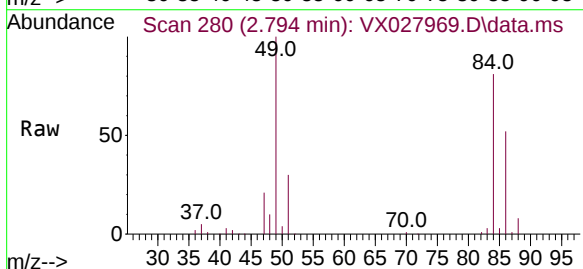
Tgt Ion: 41 Resp: 2403

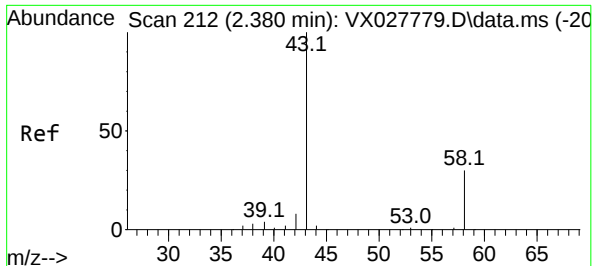
Ion Ratio Lower Upper

41 100

39 0.0 50.4 75.6#

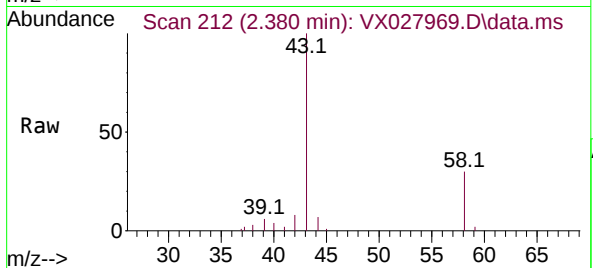
76 0.0 32.7 49.1#



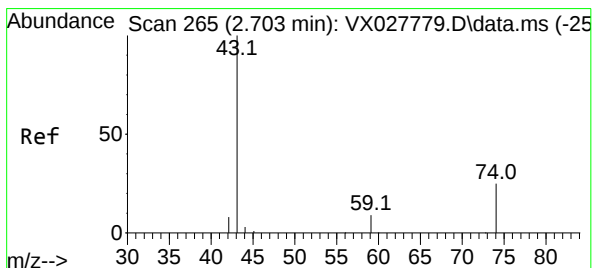
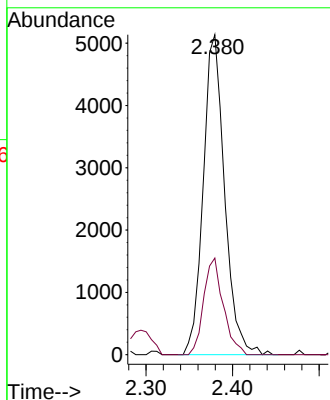
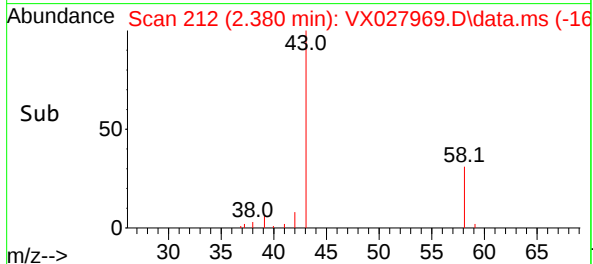


#16
Acetone
Concen: 17.245 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :

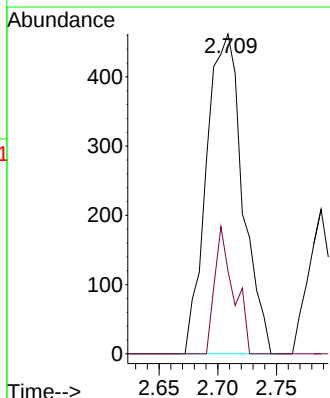
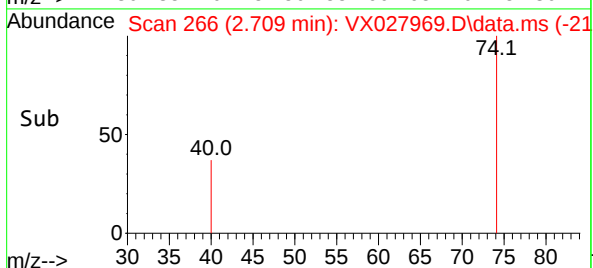
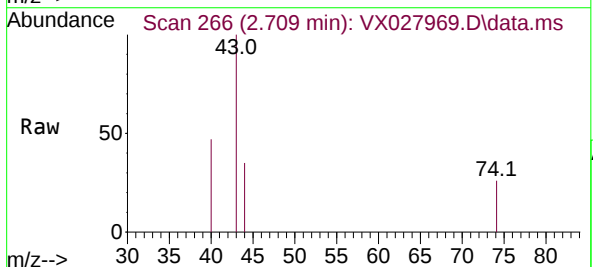


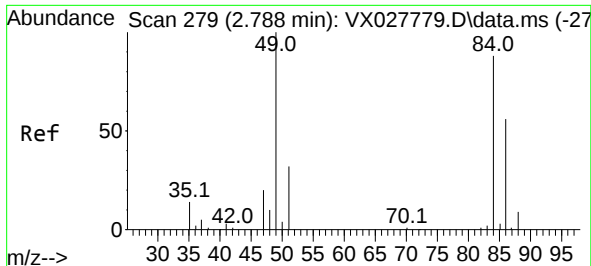
Tgt Ion: 43 Resp: 8811
Ion Ratio Lower Upper
43 100
58 30.2 28.8 43.2



#18
Methyl Acetate
Concen: 0.787 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
74 20.9 22.8 34.2#





#20

Methylene Chloride

Concen: 73.134 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

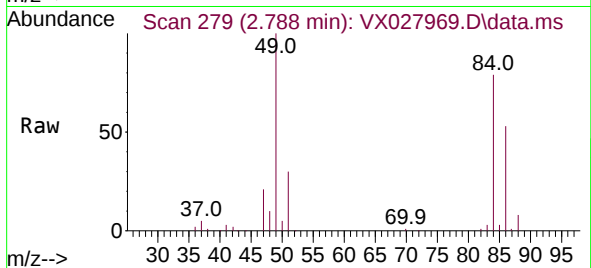
Lab File: VX027969.D

Acq: 04 Apr 2022 19:40

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 67210

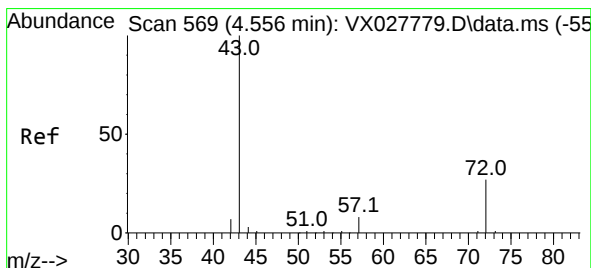
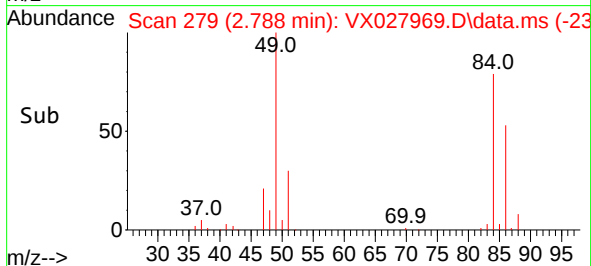
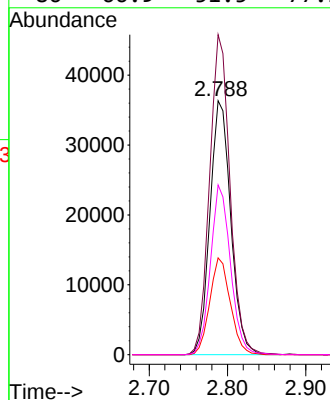
Ion Ratio Lower Upper

84 100

49 126.0 85.5 128.3

51 38.1 26.6 39.8

86 66.9 51.5 77.3



#25

2-Butanone

Concen: 1.681 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.024 min

Lab File: VX027969.D

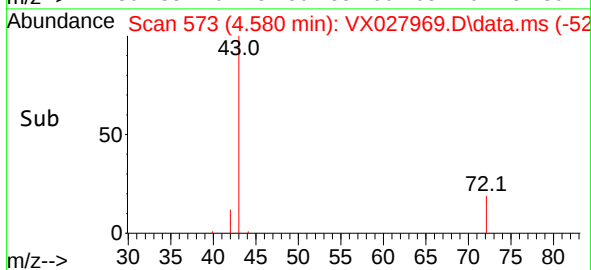
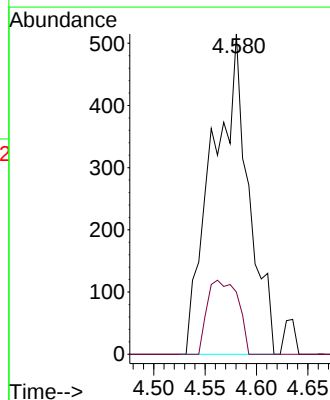
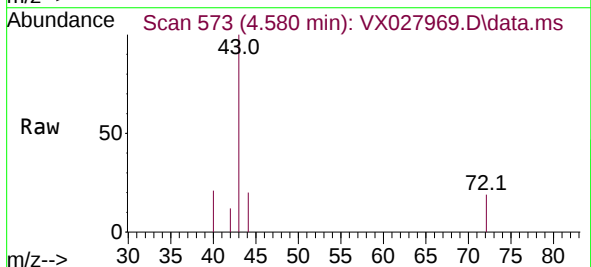
Acq: 04 Apr 2022 19:40

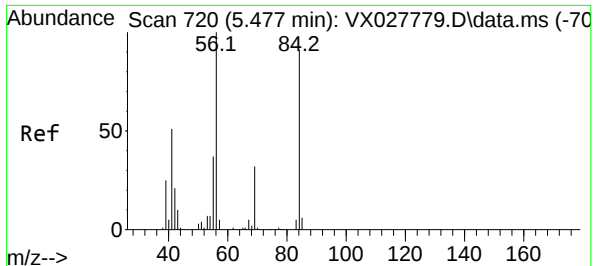
Tgt Ion: 43 Resp: 1250

Ion Ratio Lower Upper

43 100

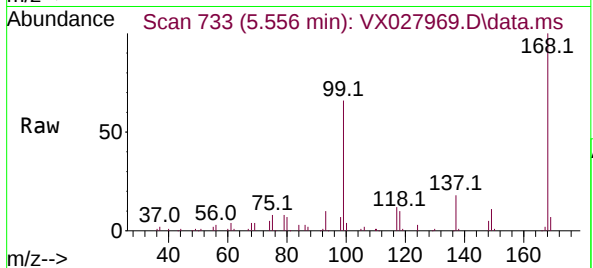
72 19.4 24.4 36.6#



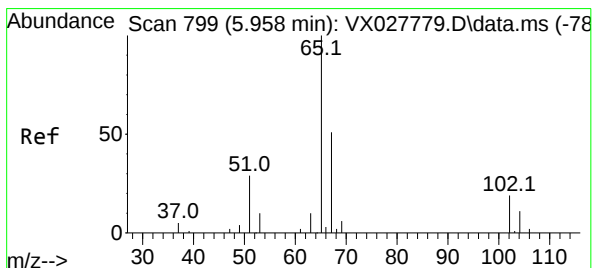
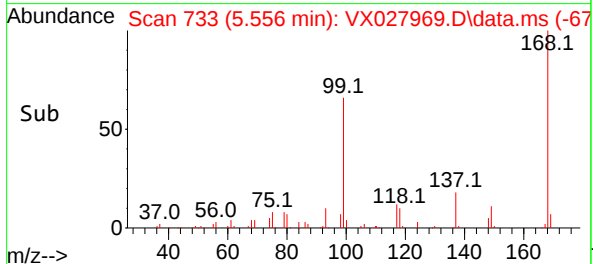
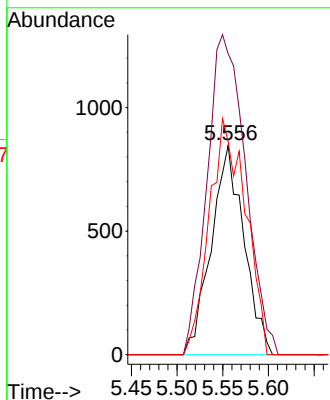


#31
Cyclohexane
Concen: 1.649 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :

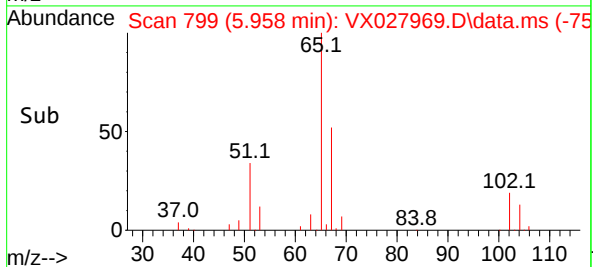
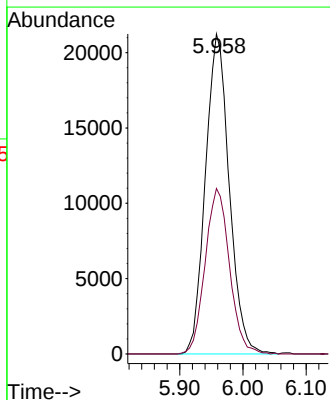
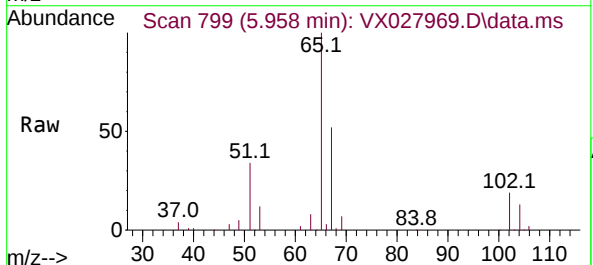


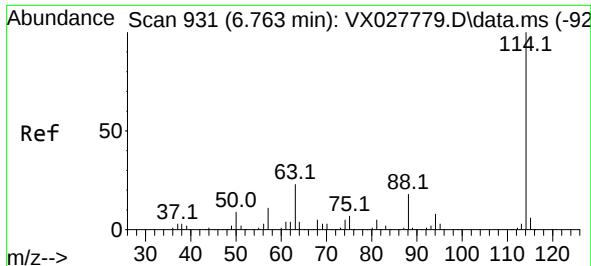
Tgt Ion: 56 Resp: 2104
Ion Ratio Lower Upper
56 100
69 143.8 26.7 40.1#
84 101.9 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 48.120 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

Tgt Ion: 65 Resp: 55552
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4

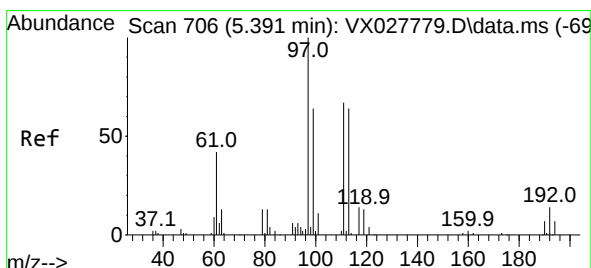
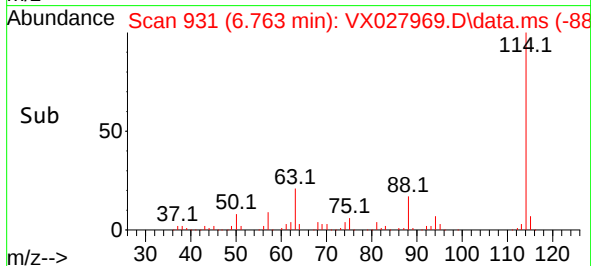
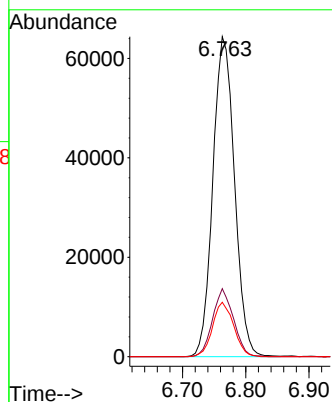
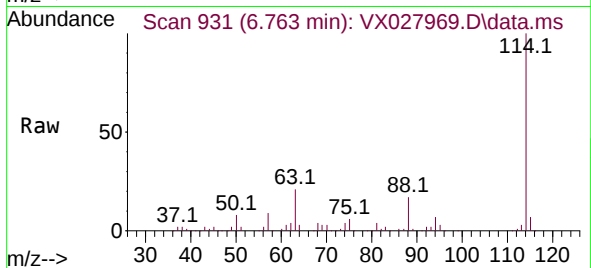




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

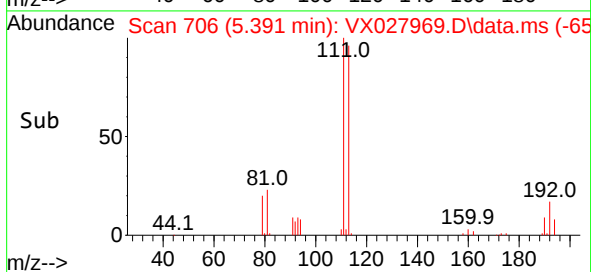
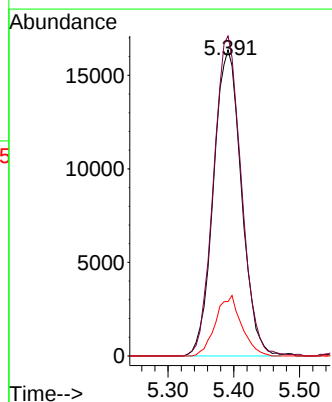
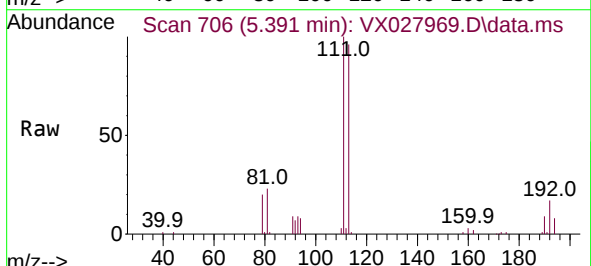
Instrument :
MSVOA_X
ClientSampleId :

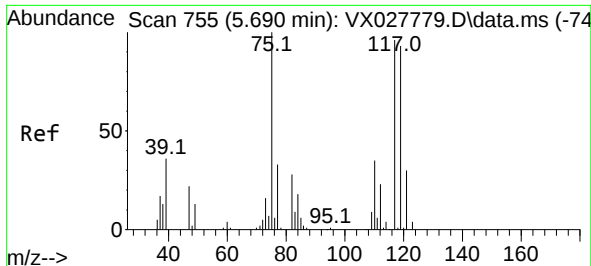
Tgt Ion:114 Resp: 152928
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.8
88 17.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.935 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

Tgt Ion:113 Resp: 48304
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 18.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.414 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027969.D

Acq: 04 Apr 2022 19:40

Instrument :

MSVOA_X

ClientSampleId :

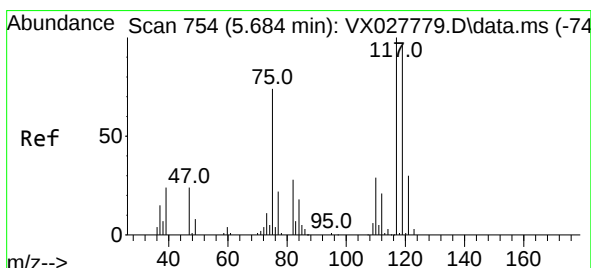
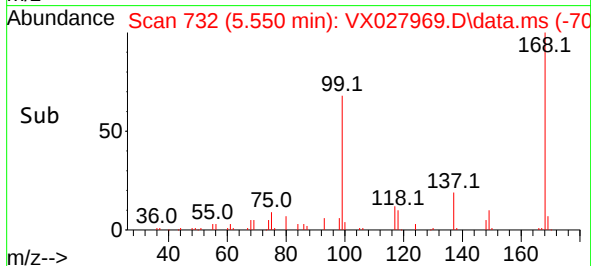
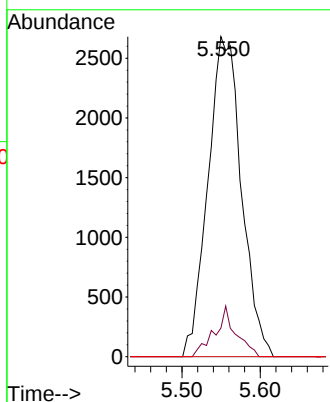
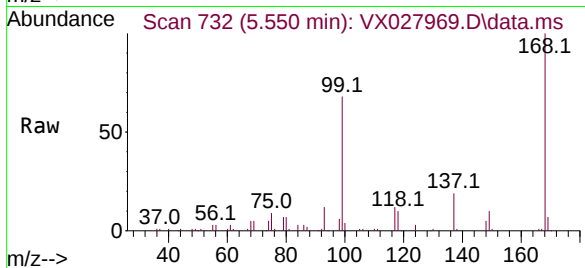
Tgt Ion: 75 Resp: 7974

Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.260 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027969.D

Acq: 04 Apr 2022 19:40

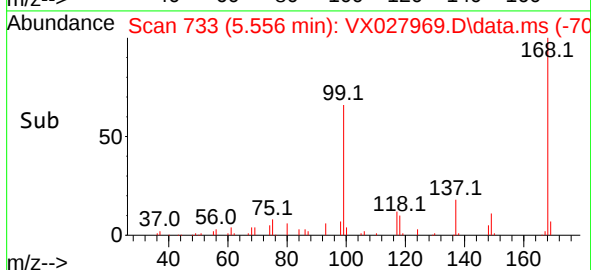
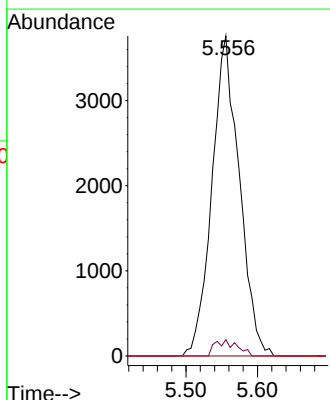
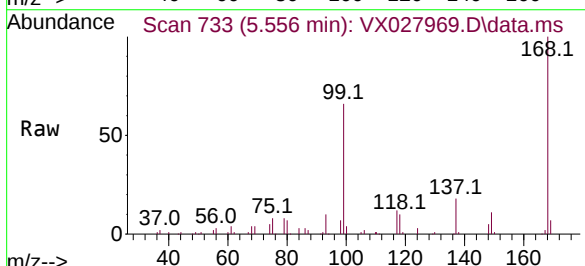
Tgt Ion: 117 Resp: 9972

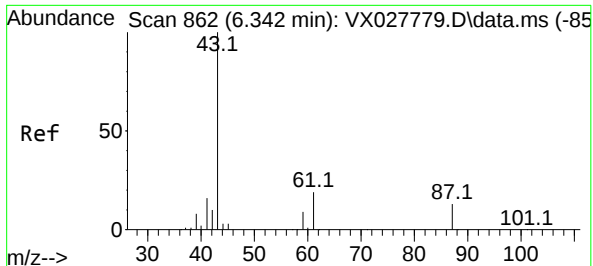
Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 24.2 36.2#

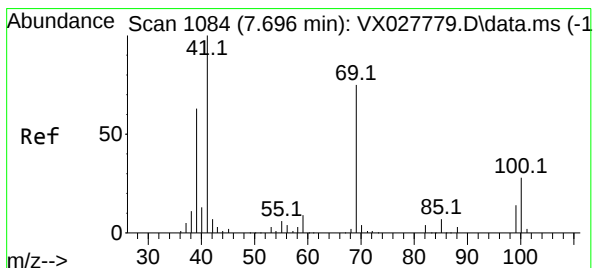
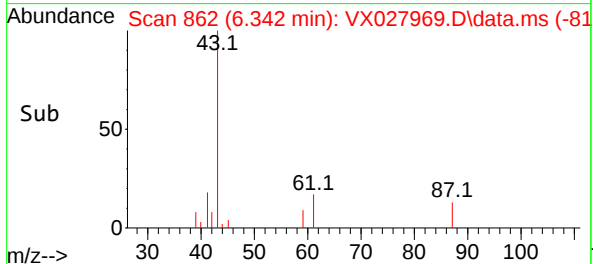
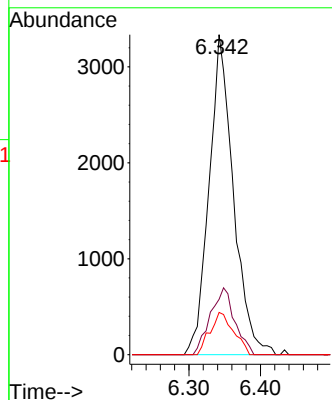
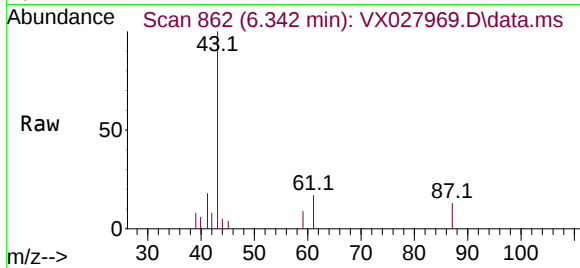




#43
Isopropyl Acetate
Concen: 3.192 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

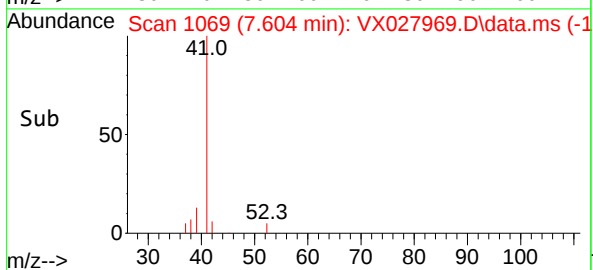
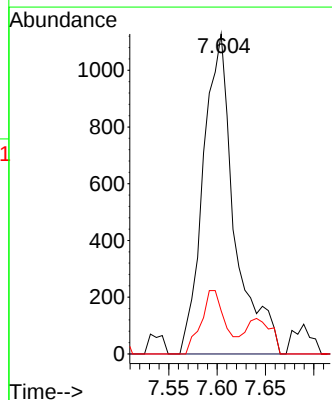
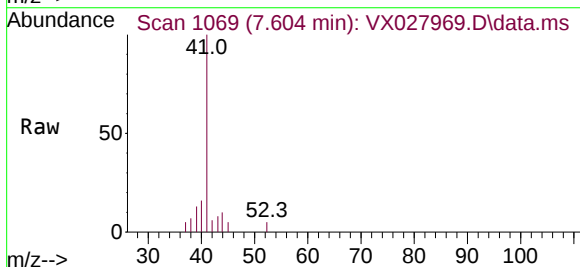
Instrument :
MSVOA_X
ClientSampleId :

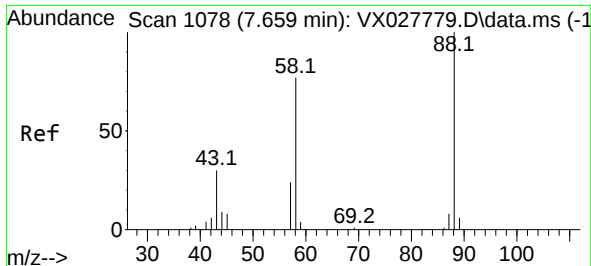
Tgt Ion: 43 Resp: 7879
Ion Ratio Lower Upper
43 100
61 20.9 18.5 27.7
87 12.7 13.0 19.6#



#48
Methyl methacrylate
Concen: 1.960 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

Tgt Ion: 41 Resp: 2538
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: 1.839 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.140 min

Lab File: VX027969.D

Acq: 04 Apr 2022 19:40

Instrument :

MSVOA_X

ClientSampleId :

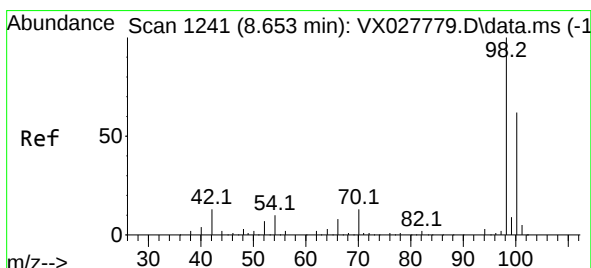
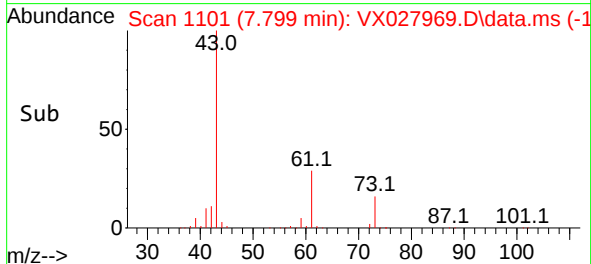
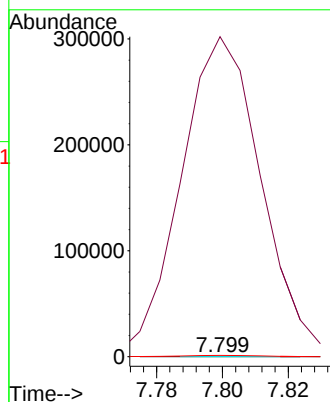
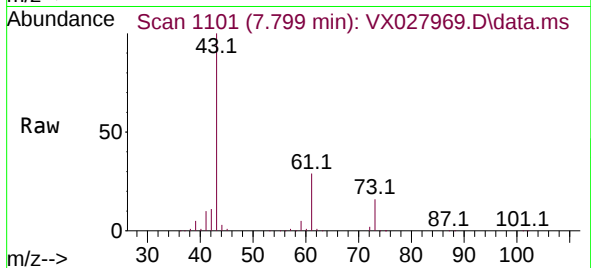
Tgt Ion: 88 Resp: 47

Ion Ratio Lower Upper

88 100

43 1101944.7 21.9 32.9#

58 4721.3 53.7 80.5#



#50

Toluene-d8

Concen: 51.369 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027969.D

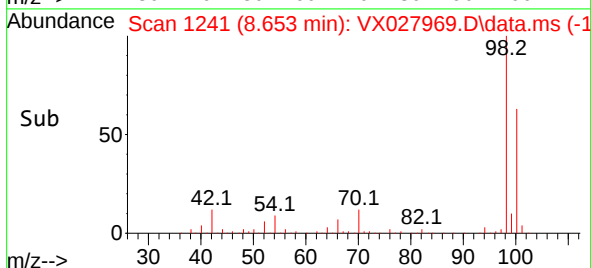
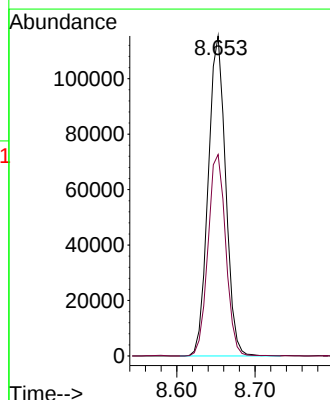
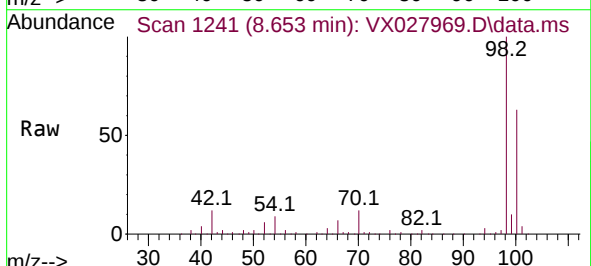
Acq: 04 Apr 2022 19:40

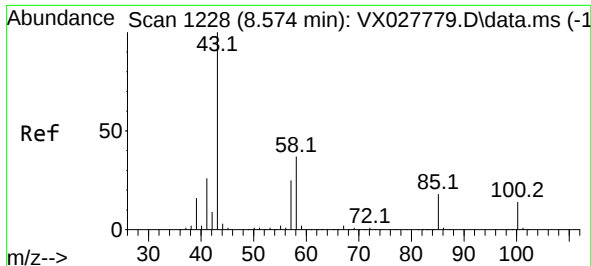
Tgt Ion: 98 Resp: 178411

Ion Ratio Lower Upper

98 100

100 63.9 52.6 78.8

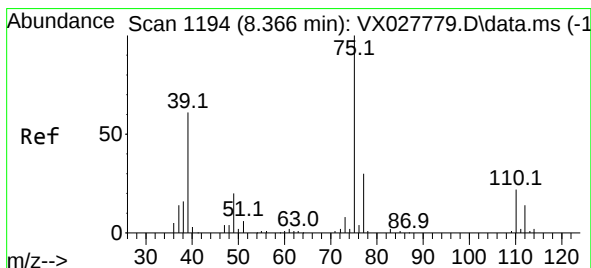
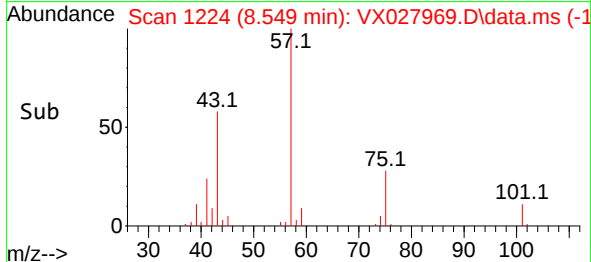
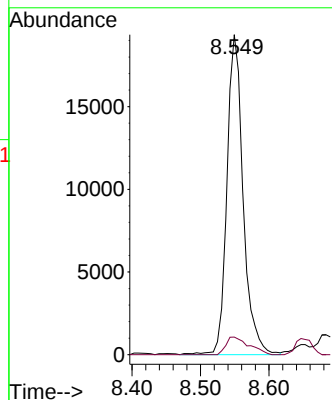
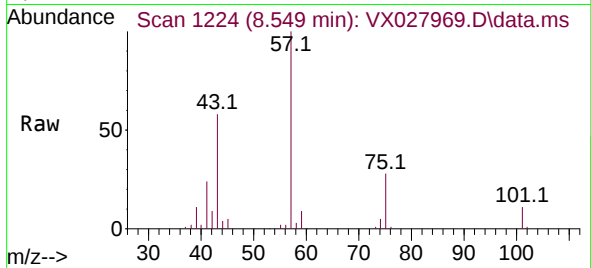




#51
4-Methyl-2-Pentanone
Concen: 18.499 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

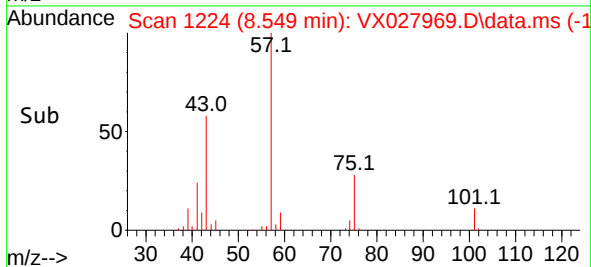
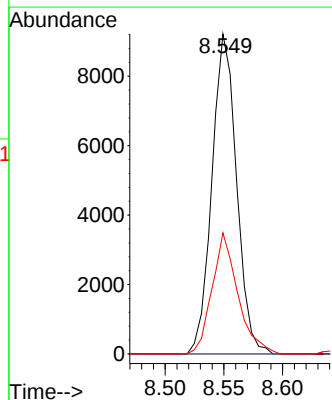
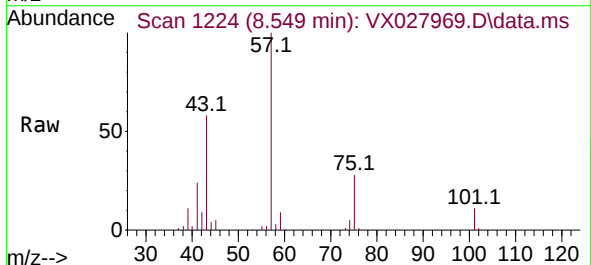
Instrument :
MSVOA_X
ClientSampleId :

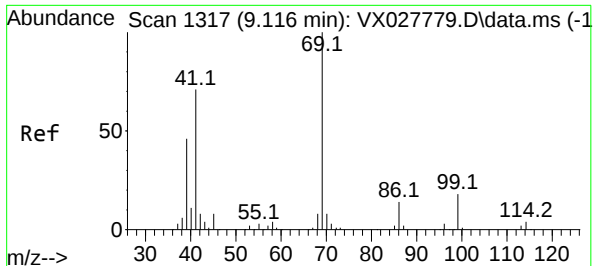
Tgt Ion: 43 Resp: 31680
Ion Ratio Lower Upper
43 100
58 7.9 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 8.397 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

Tgt Ion: 75 Resp: 13445
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 37.8 29.6 44.4





#56

Ethyl methacrylate

Concen: 0.257 ug/l

RT: 9.342 min Scan# 1

Delta R.T. 0.226 min

Lab File: VX027969.D

Acq: 04 Apr 2022 19:40

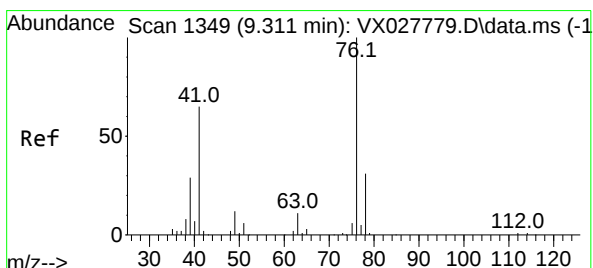
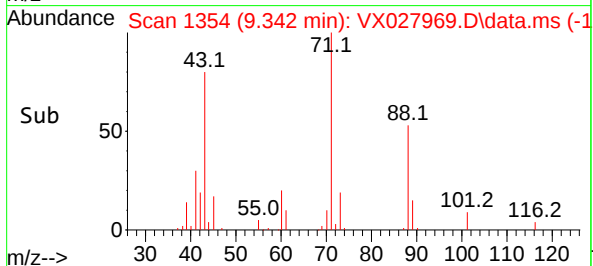
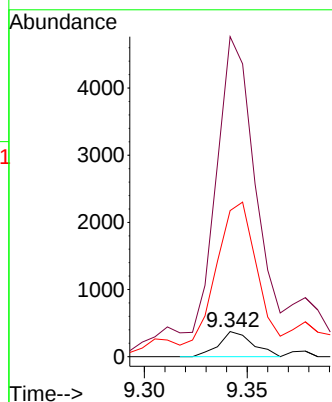
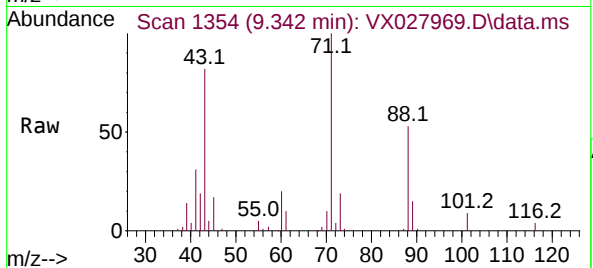
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 69 Resp: 428

Ion	Ratio	Lower	Upper
69	100		
41	1776.4	43.8	65.6#
39	852.1	22.2	33.2#



#57

1,3-Dichloropropane

Concen: 4.970 ug/l

RT: 9.488 min Scan# 1378

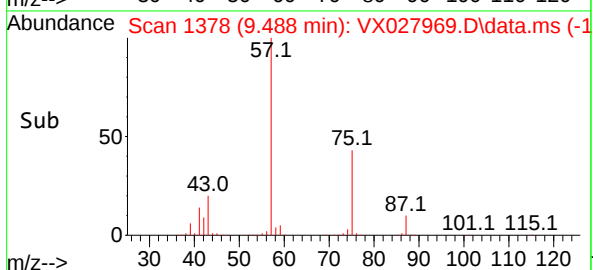
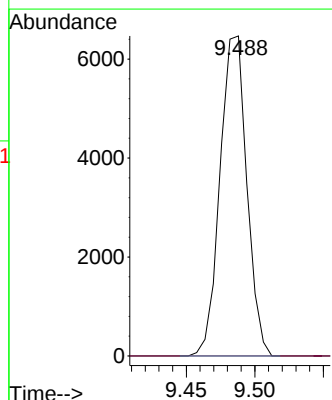
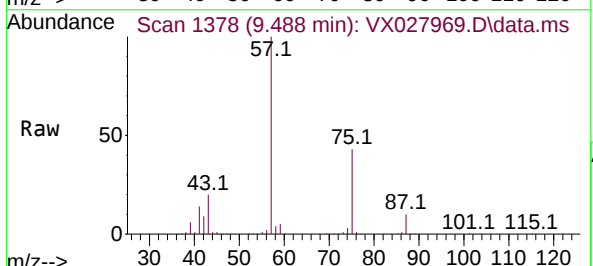
Delta R.T. 0.177 min

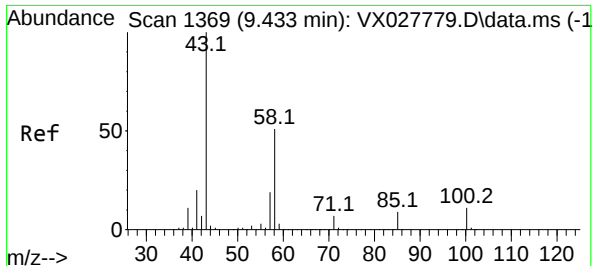
Lab File: VX027969.D

Acq: 04 Apr 2022 19:40

Tgt Ion: 76 Resp: 8803

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#





#59

2-Hexanone

Concen: 94.840 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX027969.D

Acq: 04 Apr 2022 19:40

Instrument :

MSVOA_X

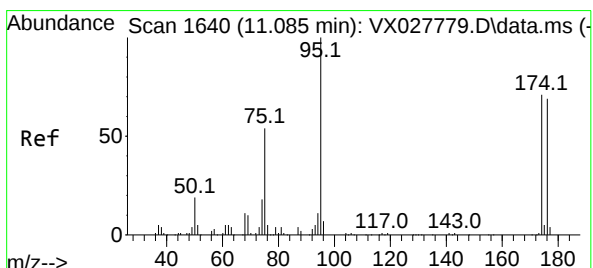
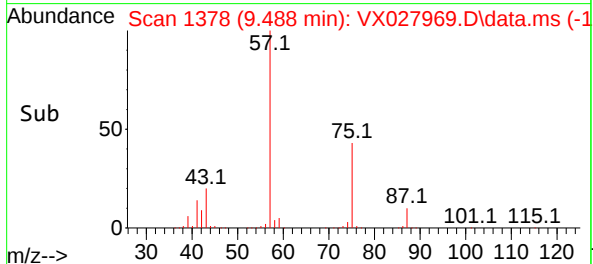
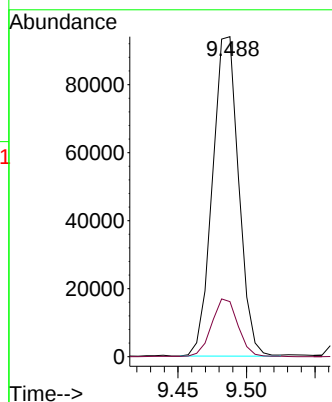
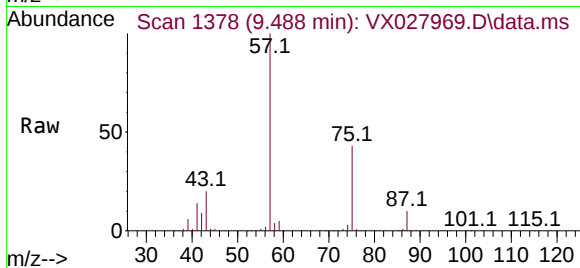
ClientSampleId :

Tgt Ion: 43 Resp: 125059

Ion Ratio Lower Upper

43 100

58 18.4 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 50.135 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027969.D

Acq: 04 Apr 2022 19:40

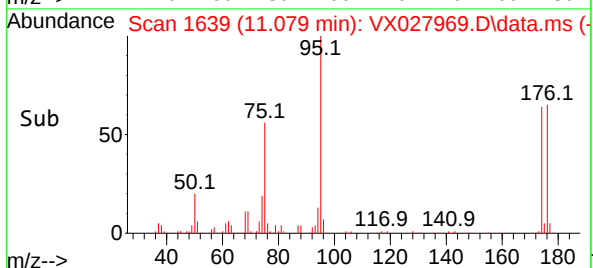
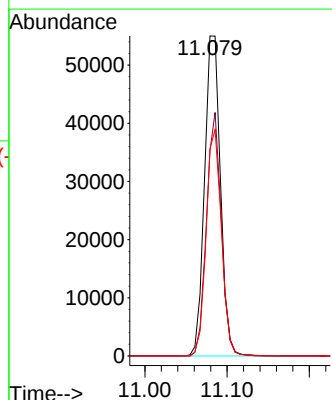
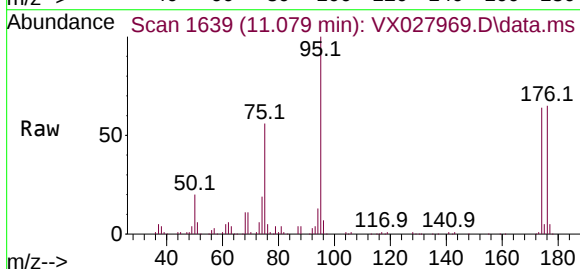
Tgt Ion: 95 Resp: 73996

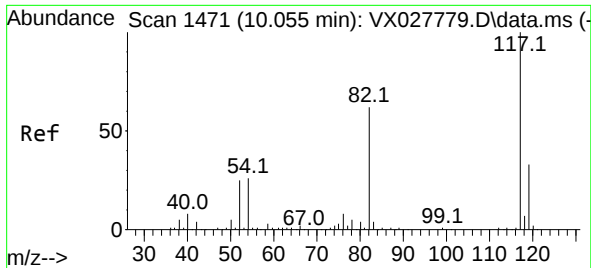
Ion Ratio Lower Upper

95 100

174 71.0 0.0 163.0

176 67.6 0.0 155.0

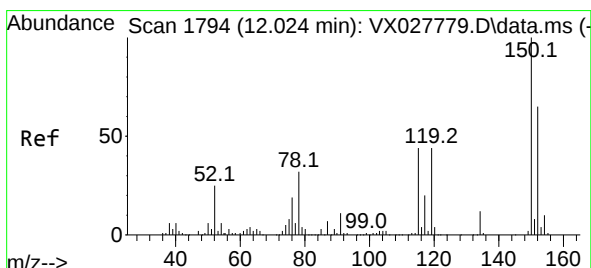
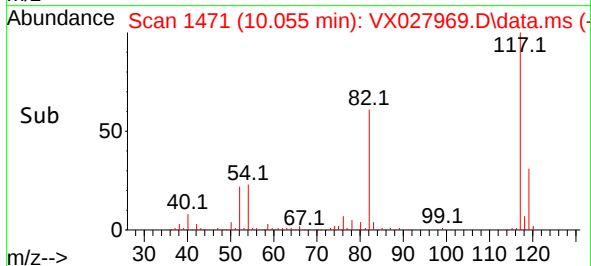
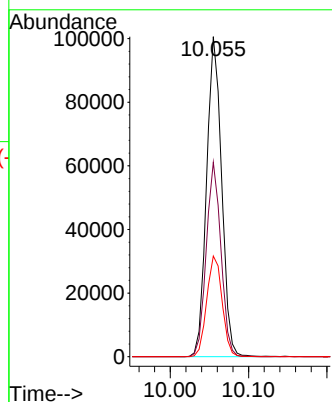
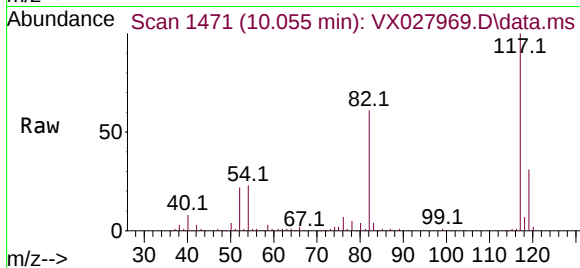




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

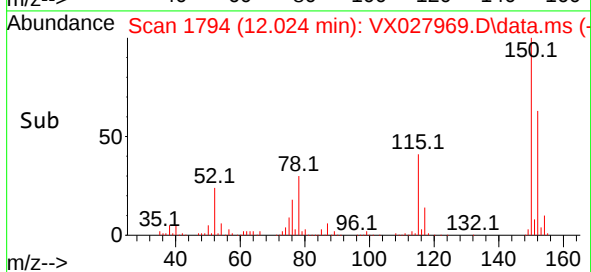
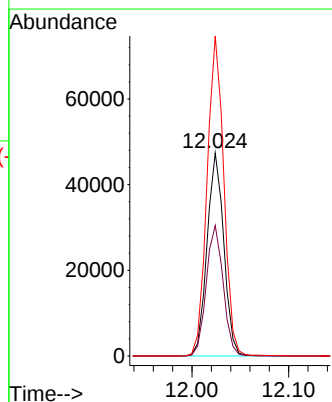
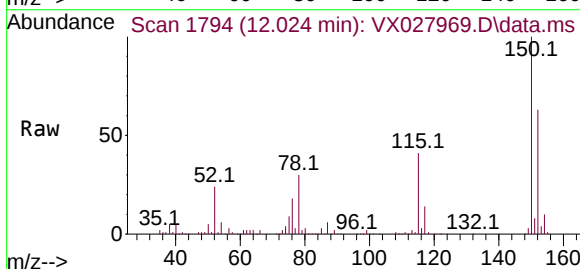
Instrument :
MSVOA_X
ClientSampleId :

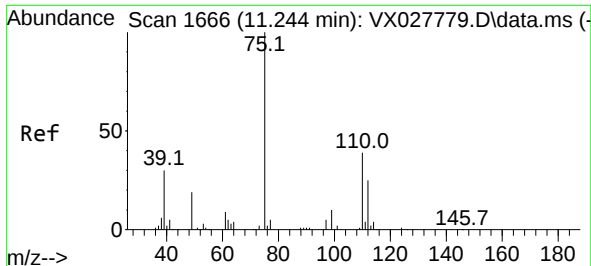
Tgt Ion:117 Resp: 133762
Ion Ratio Lower Upper
117 100
82 60.7 41.8 62.8
119 31.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

Tgt Ion:152 Resp: 57114
Ion Ratio Lower Upper
152 100
115 64.8 37.5 112.7
150 157.5 0.0 338.2

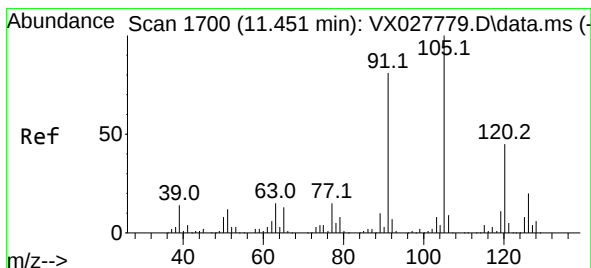
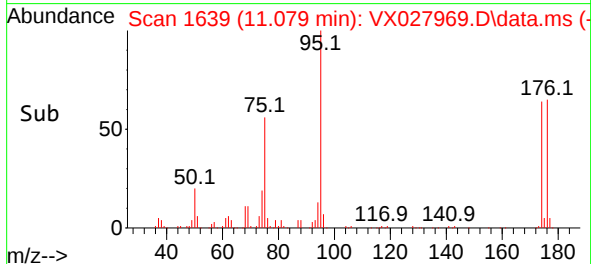
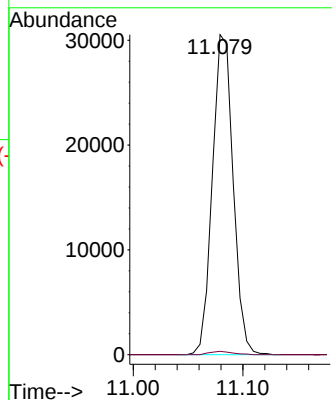
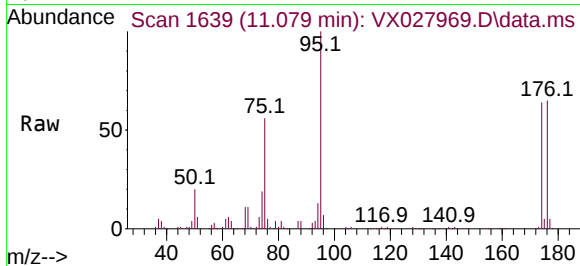




#76
1,2,3-Trichloropropane
Concen: 30.023 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.165 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

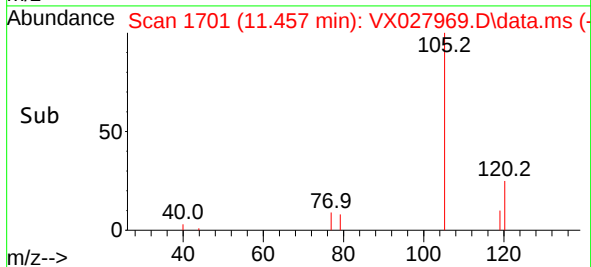
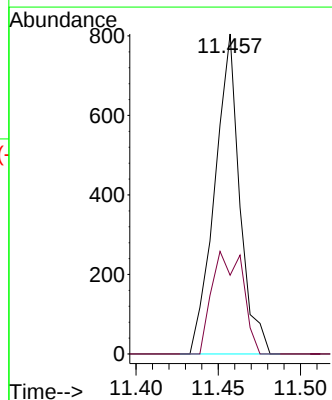
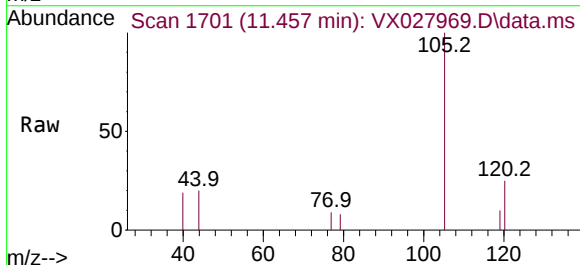
Instrument :
MSVOA_X
ClientSampleId :

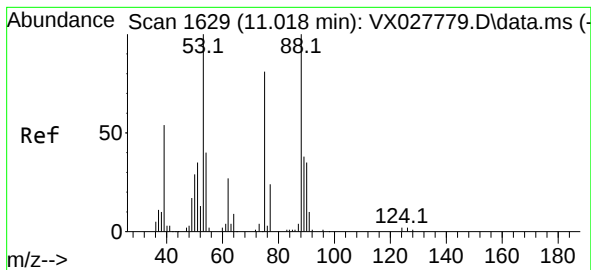
Tgt Ion: 75 Resp: 40225
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.231 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027969.D
Acq: 04 Apr 2022 19:40

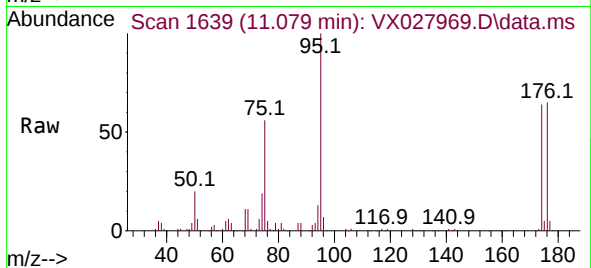
Tgt Ion: 105 Resp: 852
Ion Ratio Lower Upper
105 100
120 39.4 24.3 72.9





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.448 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027969.D
 Acq: 04 Apr 2022 19:40

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 40225
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

