

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027964.D
 Acq On : 04 Apr 2022 17:44
 Operator : JC/MD
 Sample : PB143824ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

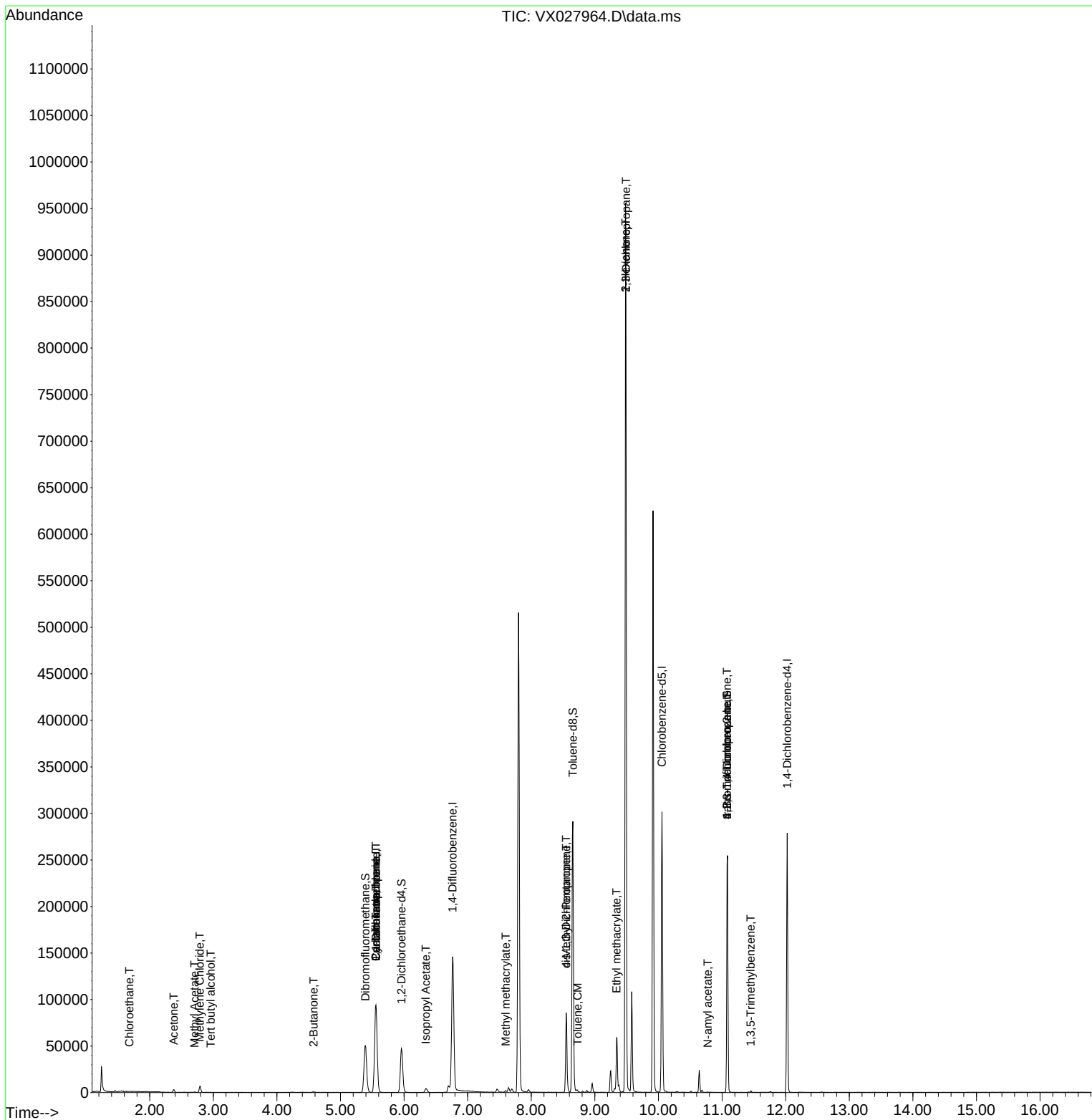
Quant Time: Apr 05 05:52:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

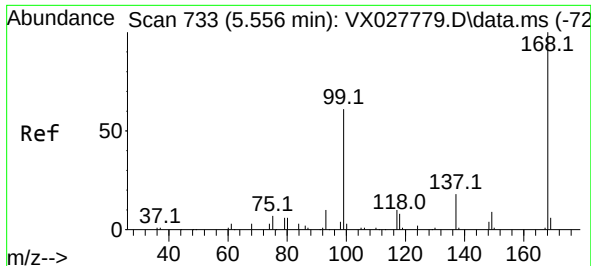
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	92317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47337	39.741	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	79.480%		
35) Dibromofluoromethane	5.391	113	45218	47.063	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.120%		
50) Toluene-d8	8.653	98	167518	49.554	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.100%		
62) 4-Bromofluorobenzene	11.079	95	69214	48.180	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.360%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	295	0.577	ug/l #	43
11) Tert butyl alcohol	2.959	59	109	0.476	ug/l #	72
16) Acetone	2.380	43	3451	6.546	ug/l #	84
18) Methyl Acetate	2.703	43	583	0.449	ug/l #	82
20) Methylene Chloride	2.788	84	2915	3.074	ug/l	88
25) 2-Butanone	4.574	43	1285	1.675	ug/l	97
31) Cyclohexane	5.556	56	1668	1.267	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	6461	5.339	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9225	6.900	ug/l #	16
43) Isopropyl Acetate	6.342	43	5857	2.438	ug/l	98
48) Methyl methacrylate	7.598	41	2534	2.011	ug/l #	7
51) 4-Methyl-2-Pentanone	8.549	43	29383	17.628	ug/l #	43
52) Toluene	8.726	92	855	0.370	ug/l	93
54) cis-1,3-Dichloropropene	8.549	75	12738	8.173	ug/l #	73
56) Ethyl methacrylate	9.342	69	332	0.205	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	7984	4.631	ug/l #	42
59) 2-Hexanone	9.482	43	114365	89.107	ug/l #	42
74) N-amyl acetate	10.774	43	469	0.274	ug/l #	36
76) 1,2,3-Trichloropropane	11.079	75	37256	31.108	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	955	0.290	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	37256	90.481	ug/l #	15

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

Quant Time: Apr 05 05:52:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
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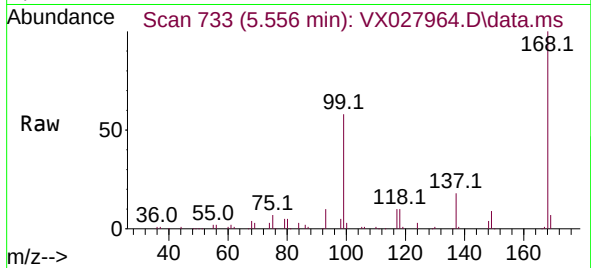


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44

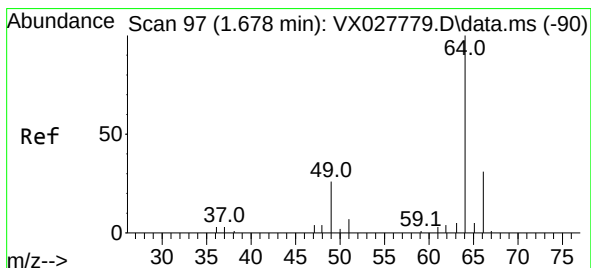
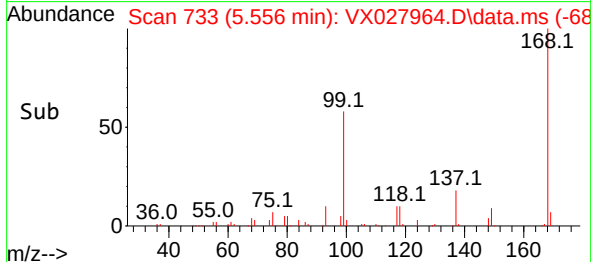
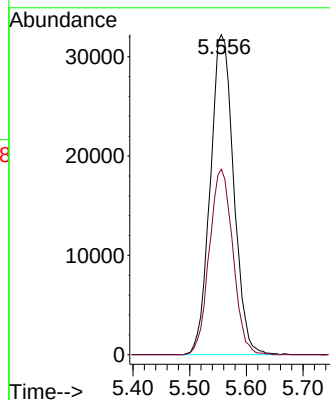
Instrument :

MSVOA_X

ClientSampleId :

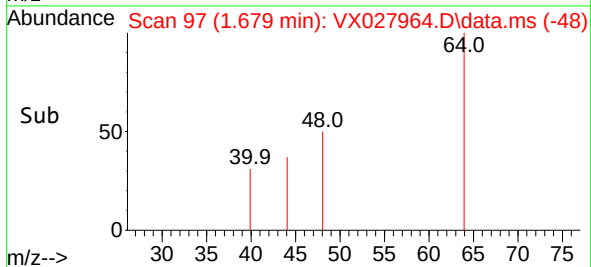
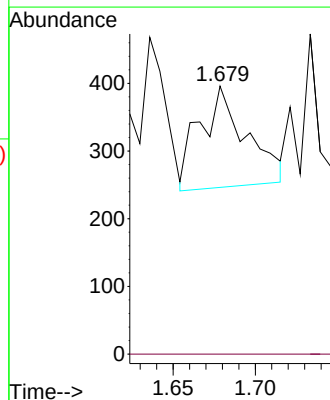
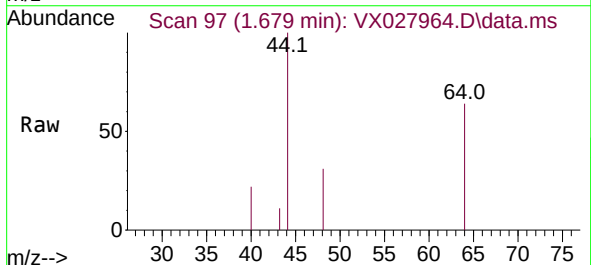


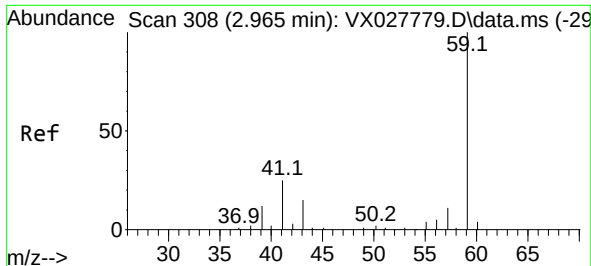
Tgt Ion:168 Resp: 92317
Ion Ratio Lower Upper
168 100
99 57.9 41.7 62.5



#6
Chloroethane
Concen: 0.577 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44

Tgt Ion: 64 Resp: 295
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 0.476 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX027964.D

Acq: 04 Apr 2022 17:44

Instrument :

MSVOA_X

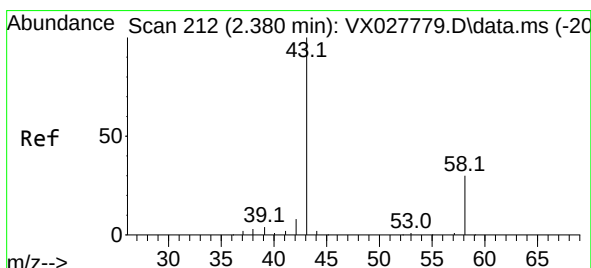
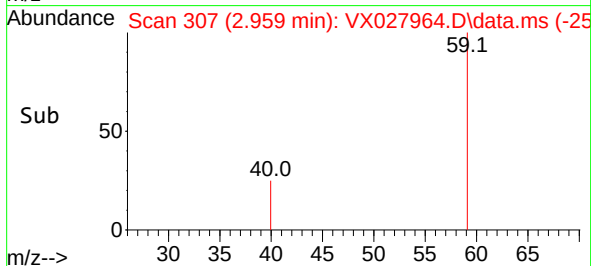
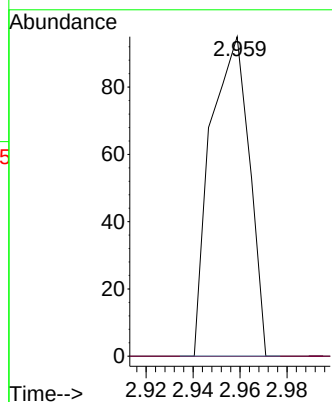
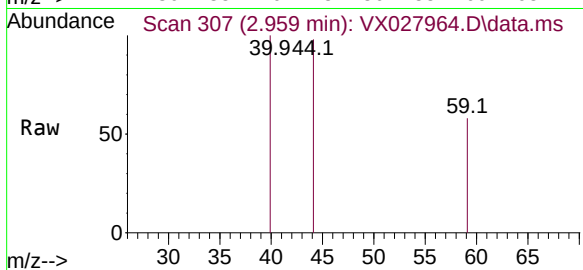
ClientSampleId :

Tgt Ion: 59 Resp: 109

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 6.546 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027964.D

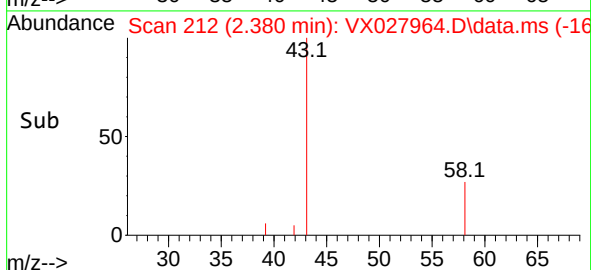
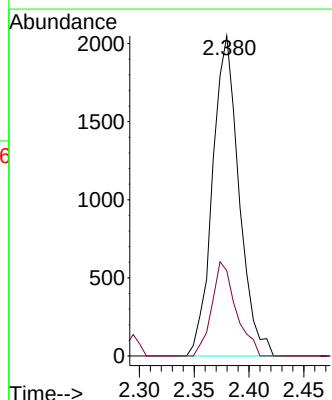
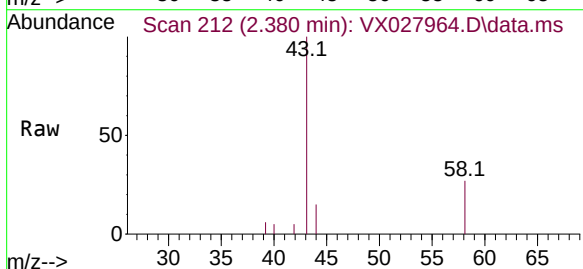
Acq: 04 Apr 2022 17:44

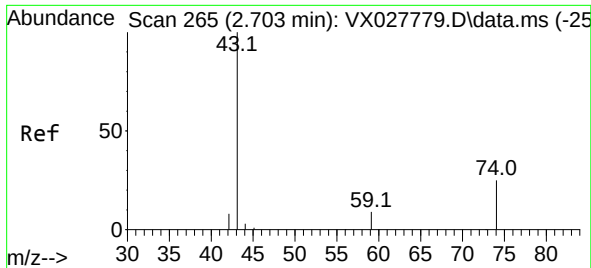
Tgt Ion: 43 Resp: 3451

Ion Ratio Lower Upper

43 100

58 26.7 28.8 43.2#





#18

Methyl Acetate

Concen: 0.449 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX027964.D

Acq: 04 Apr 2022 17:44

Instrument :

MSVOA_X

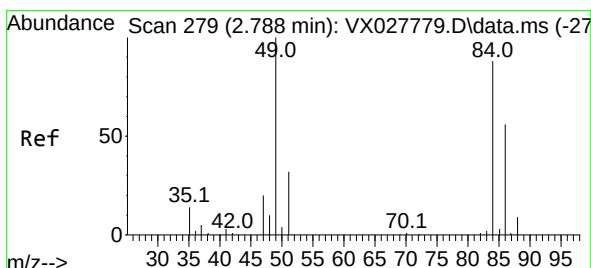
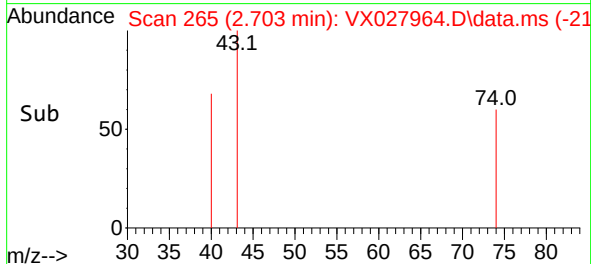
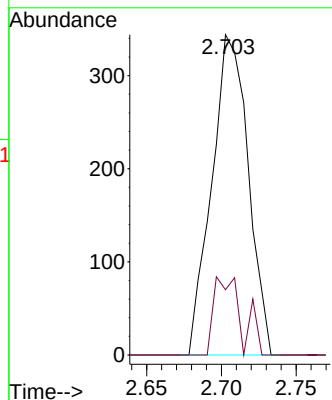
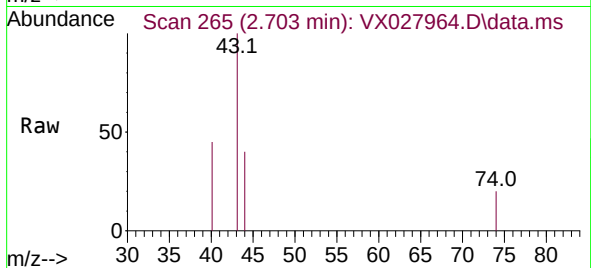
ClientSampleId :

Tgt Ion: 43 Resp: 583

Ion Ratio Lower Upper

43 100

74 18.7 22.8 34.2#



#20

Methylene Chloride

Concen: 3.074 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX027964.D

Acq: 04 Apr 2022 17:44

Tgt Ion: 84 Resp: 2915

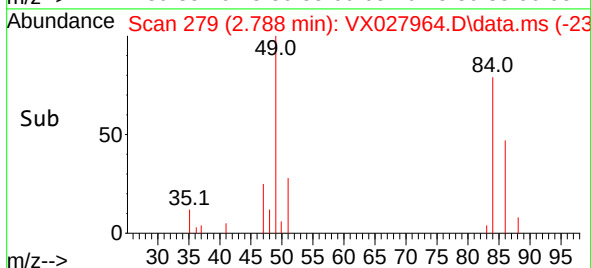
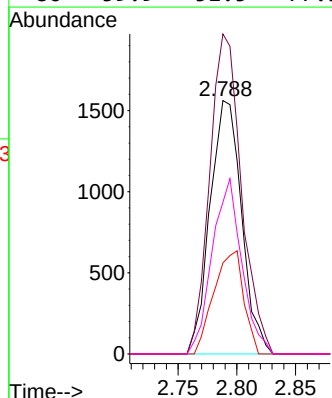
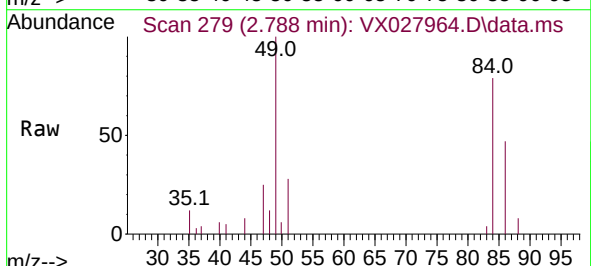
Ion Ratio Lower Upper

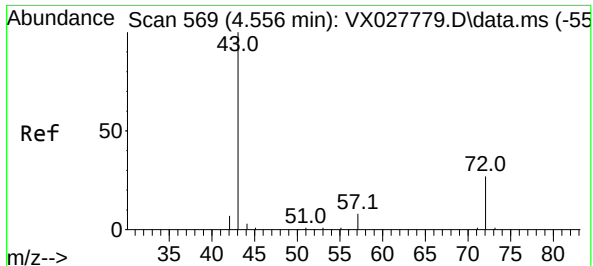
84 100

49 126.2 85.5 128.3

51 35.9 26.6 39.8

86 59.9 51.5 77.3





#25

2-Butanone

Concen: 1.675 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

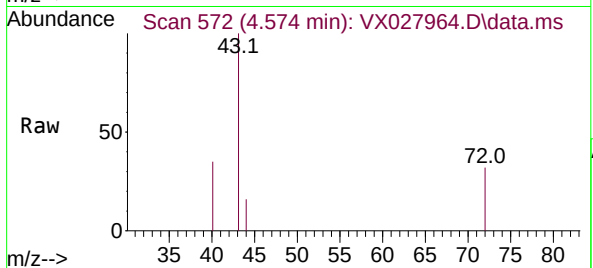
Lab File: VX027964.D

Acq: 04 Apr 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

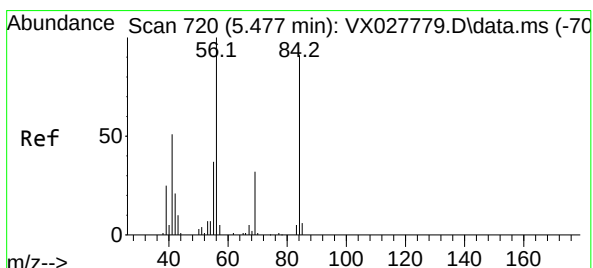
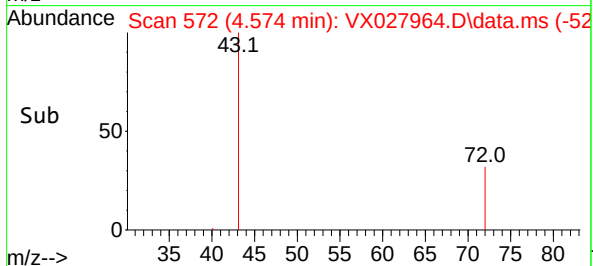
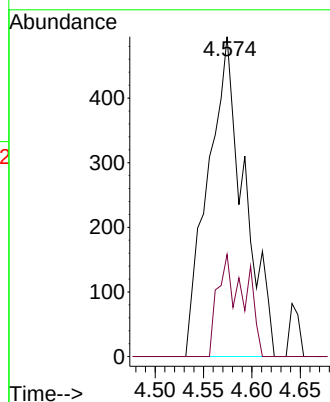


Tgt Ion: 43 Resp: 1285

Ion Ratio Lower Upper

43 100

72 31.9 24.4 36.6



#31

Cyclohexane

Concen: 1.267 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX027964.D

Acq: 04 Apr 2022 17:44

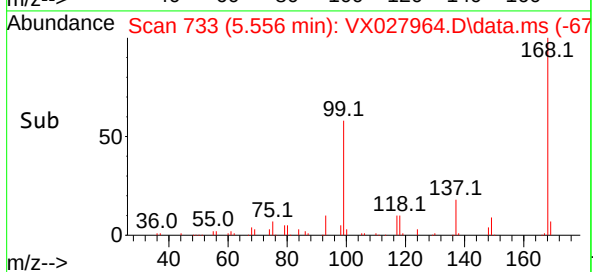
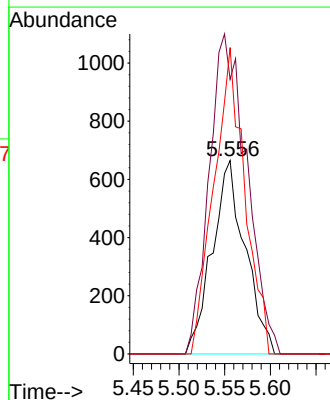
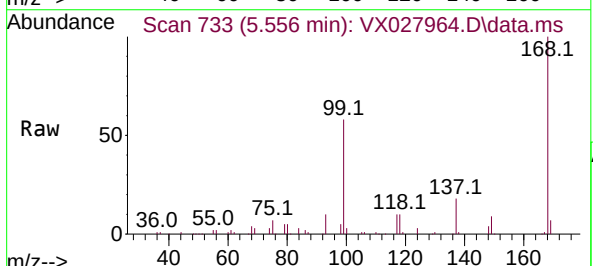
Tgt Ion: 56 Resp: 1668

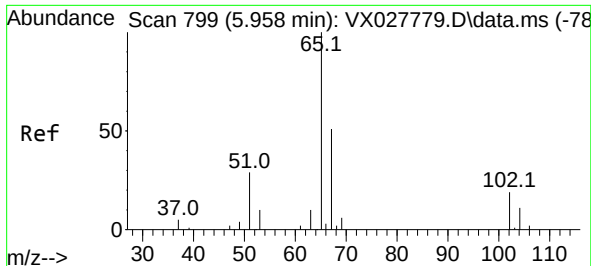
Ion Ratio Lower Upper

56 100

69 142.0 26.7 40.1#

84 158.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 39.741 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027964.D

Acq: 04 Apr 2022 17:44

Instrument :

MSVOA_X

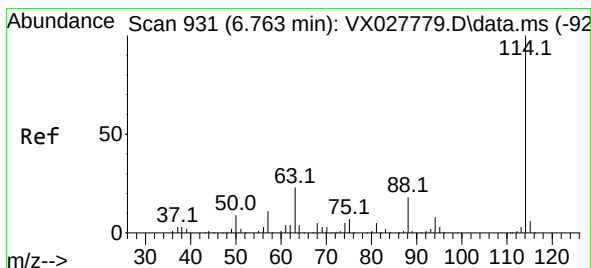
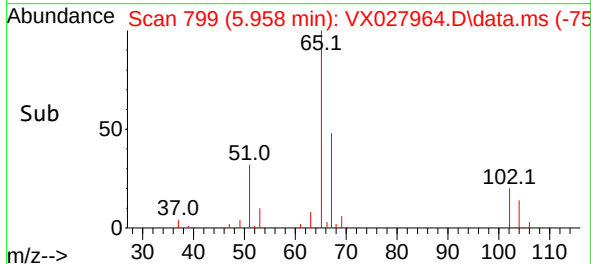
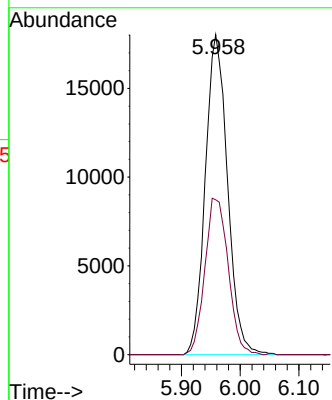
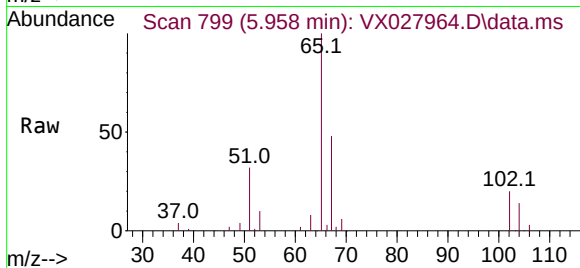
ClientSampleId :

Tgt Ion: 65 Resp: 47337

Ion Ratio Lower Upper

65 100

67 51.4 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: VX027964.D

Acq: 04 Apr 2022 17:44

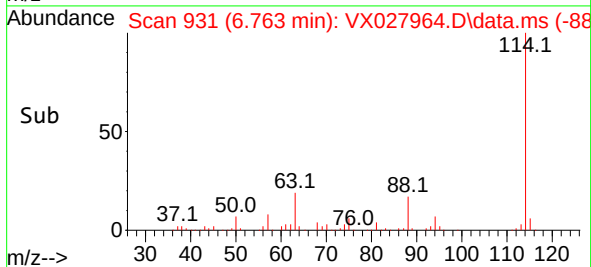
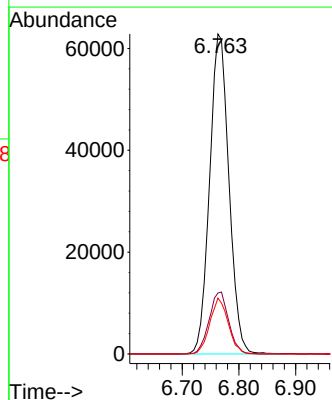
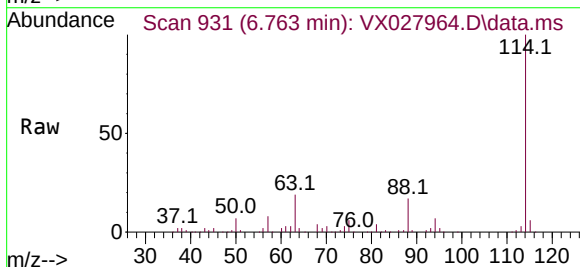
Tgt Ion: 114 Resp: 148850

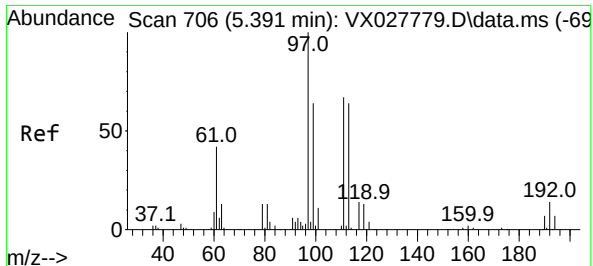
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 17.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.063 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

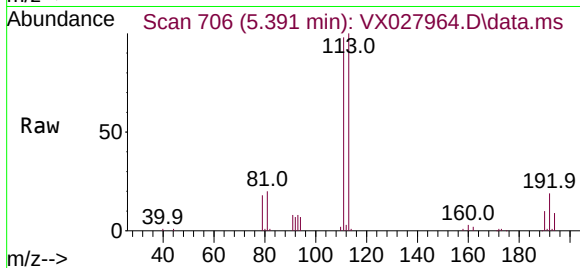
Lab File: VX027964.D

Acq: 04 Apr 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :



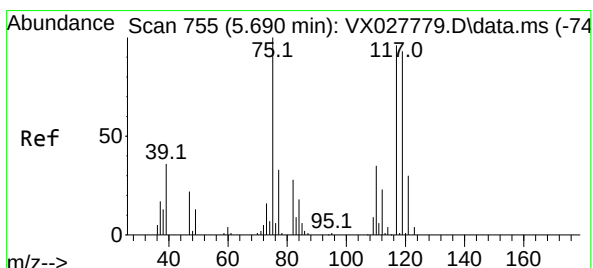
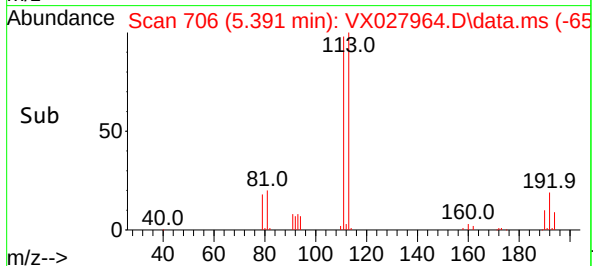
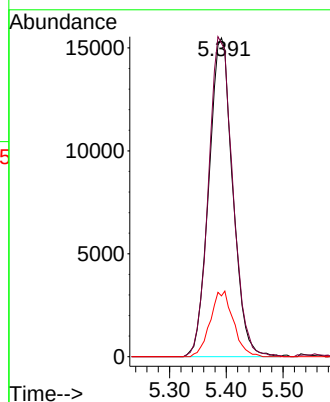
Tgt Ion:113 Resp: 45218

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 20.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.339 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027964.D

Acq: 04 Apr 2022 17:44

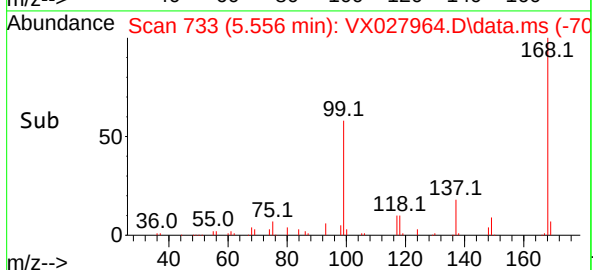
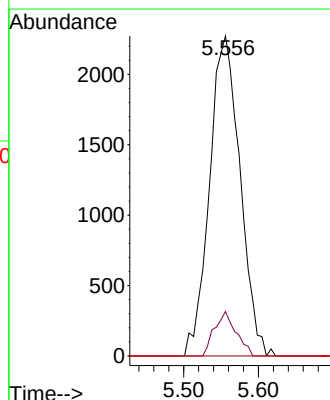
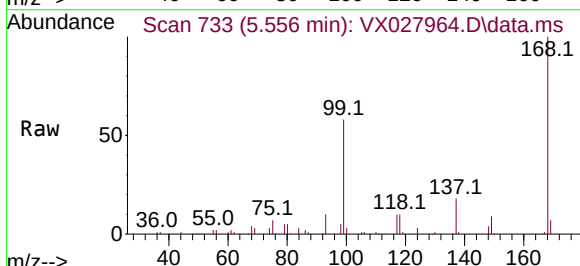
Tgt Ion: 75 Resp: 6461

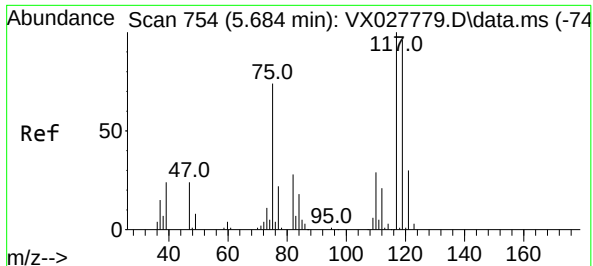
Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

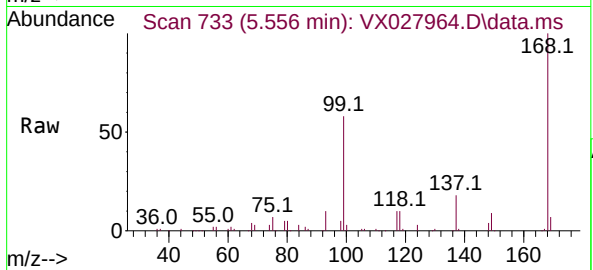
77 0.0 24.8 37.2#



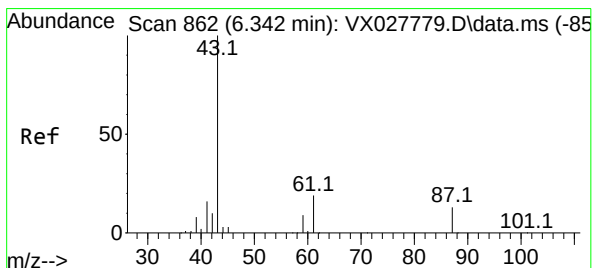
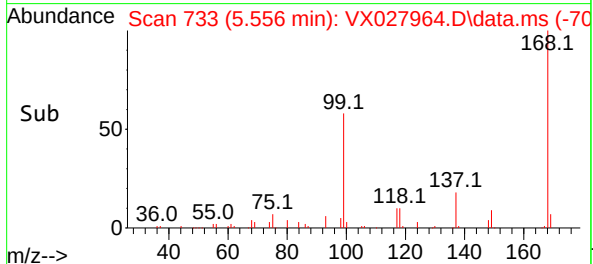
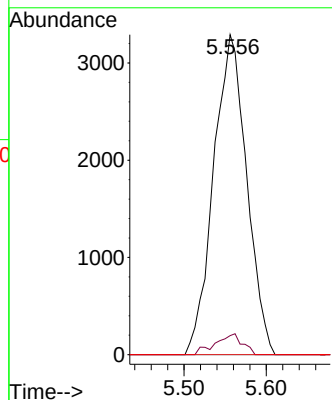


#38
Carbon Tetrachloride
Concen: 6.900 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44

Instrument :
MSVOA_X
ClientSampleId :

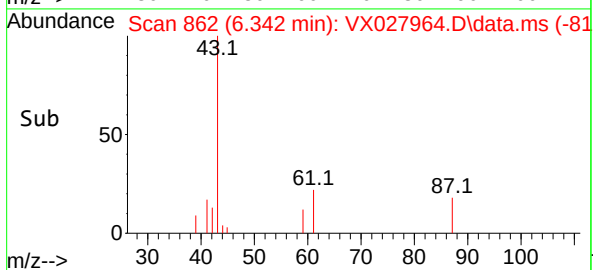
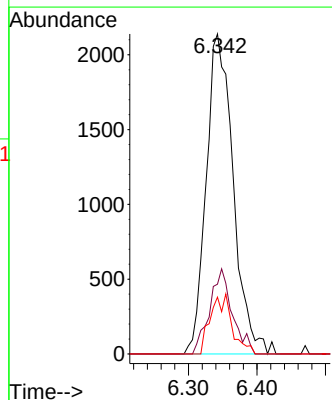
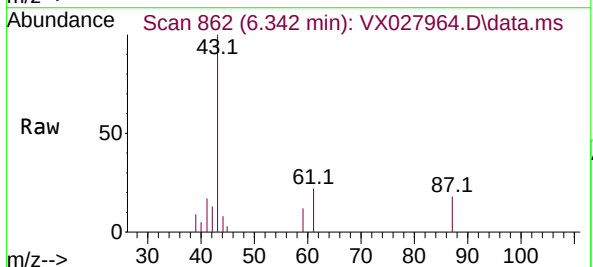


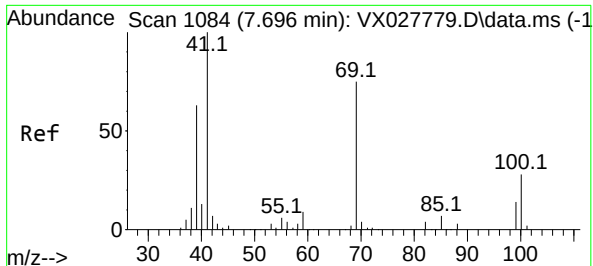
Tgt Ion:117 Resp: 9225
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.438 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44

Tgt Ion: 43 Resp: 5857
Ion Ratio Lower Upper
43 100
61 22.3 18.5 27.7
87 14.9 13.0 19.6





#48

Methyl methacrylate

Concen: 2.011 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX027964.D

Acq: 04 Apr 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

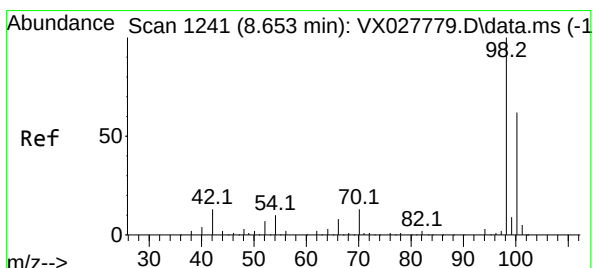
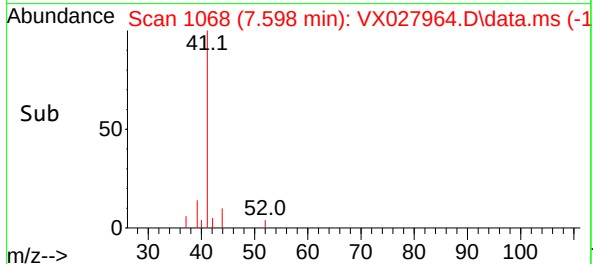
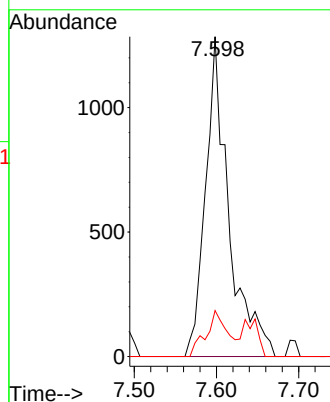
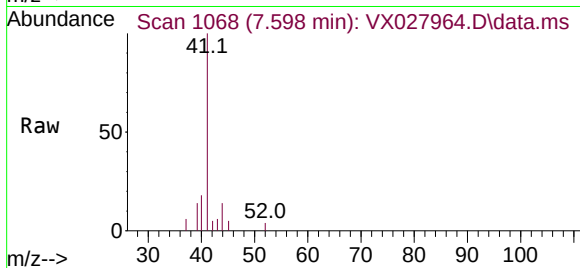
Tgt Ion: 41 Resp: 2534

Ion Ratio Lower Upper

41 100

69 0.0 82.5 123.7#

39 0.0 43.8 65.8#



#50

Toluene-d8

Concen: 49.554 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027964.D

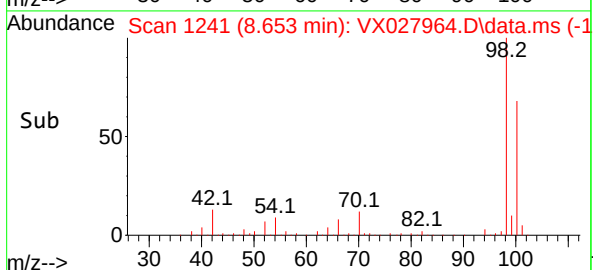
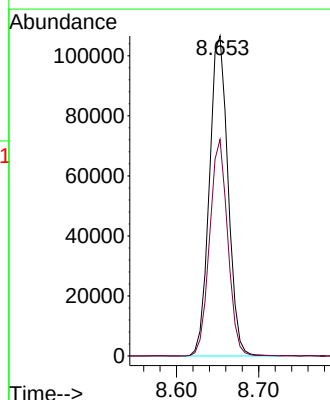
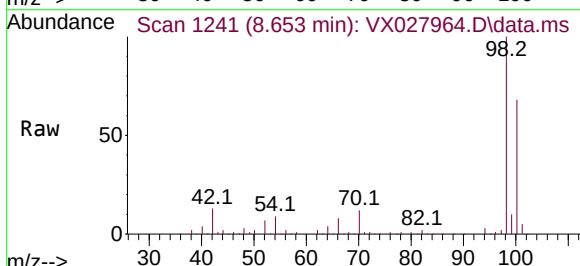
Acq: 04 Apr 2022 17:44

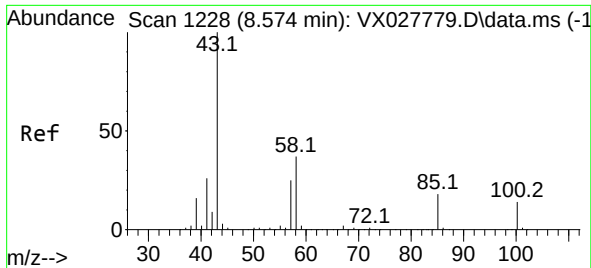
Tgt Ion: 98 Resp: 167518

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8

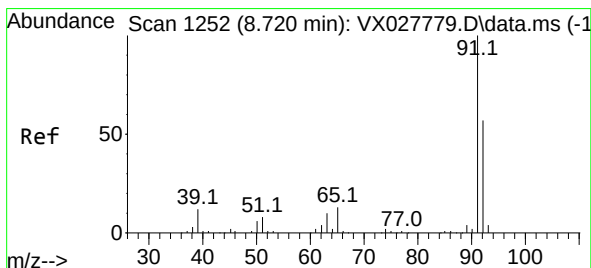
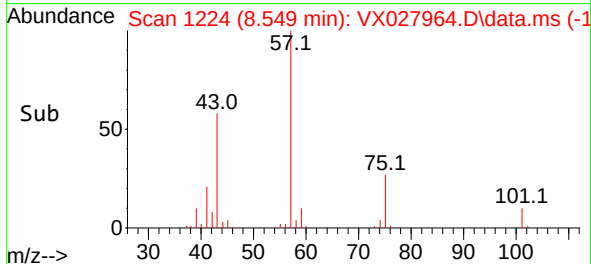
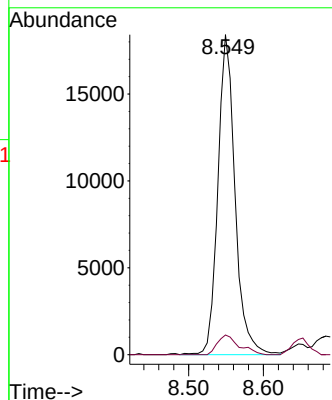
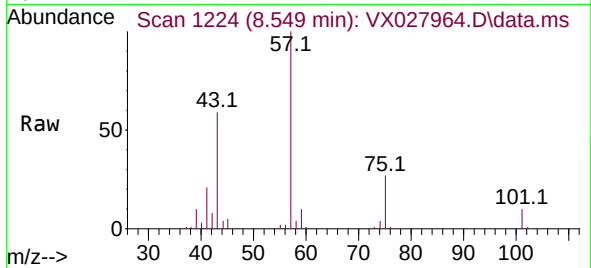




#51
4-Methyl-2-Pentanone
Concen: 17.628 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44

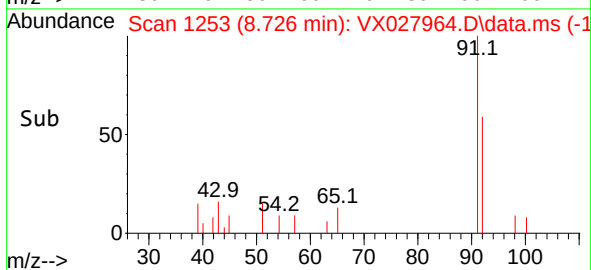
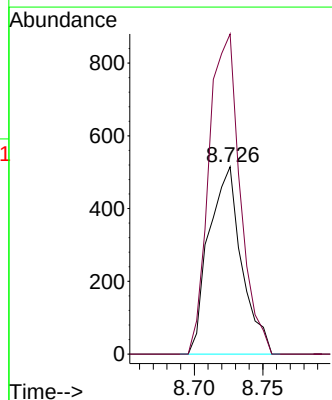
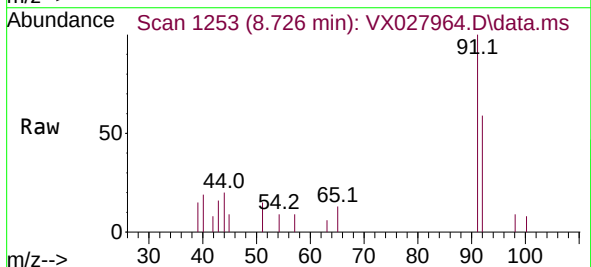
Instrument :
MSVOA_X
ClientSampleId :

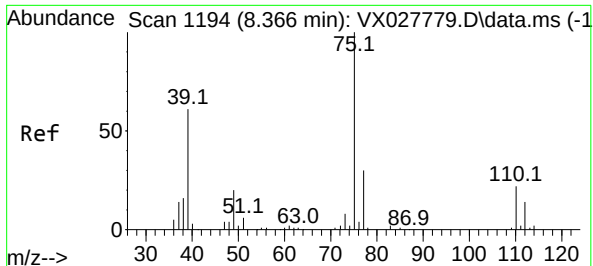
Tgt Ion: 43 Resp: 29383
Ion Ratio Lower Upper
43 100
58 7.8 36.1 54.1#



#52
Toluene
Concen: 0.370 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44

Tgt Ion: 92 Resp: 855
Ion Ratio Lower Upper
92 100
91 162.9 137.5 206.3

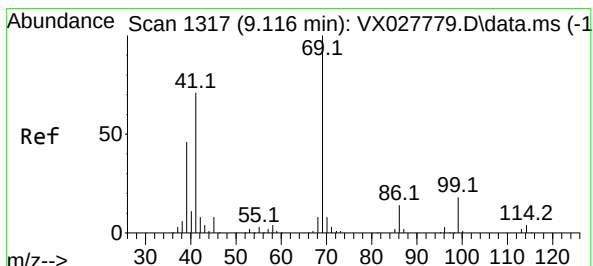
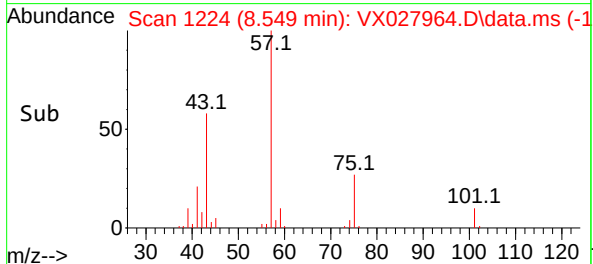
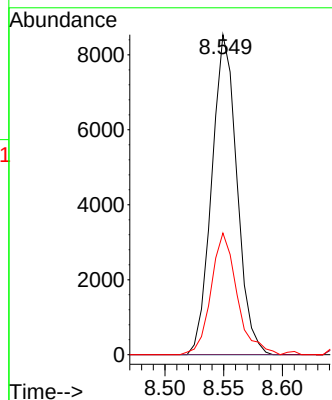
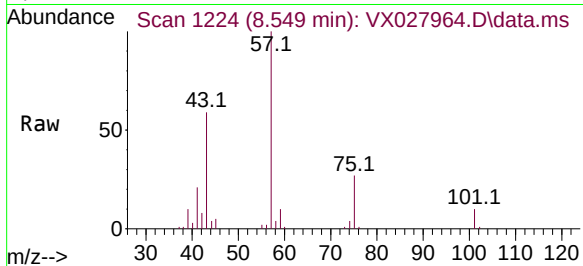




#54
 cis-1,3-Dichloropropene
 Concen: 8.173 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX027964.D
 Acq: 04 Apr 2022 17:44

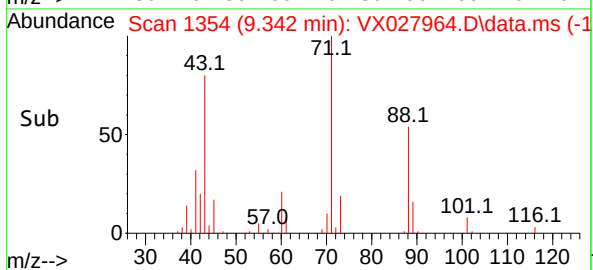
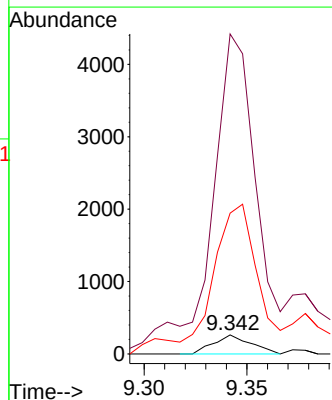
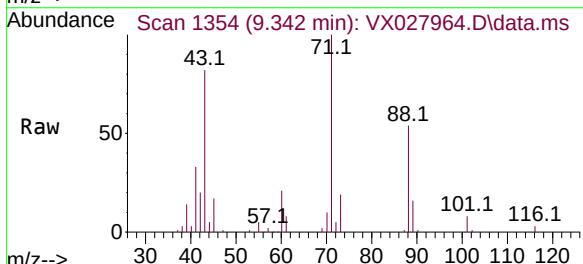
Instrument :
 MSVOA_X
 ClientSampleId :

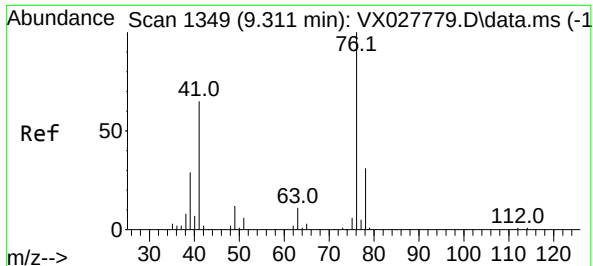
Tgt Ion: 75 Resp: 12738
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 38.0 29.6 44.4



#56
 Ethyl methacrylate
 Concen: 0.205 ug/l
 RT: 9.342 min Scan# 1354
 Delta R.T. 0.226 min
 Lab File: VX027964.D
 Acq: 04 Apr 2022 17:44

Tgt Ion: 69 Resp: 332
 Ion Ratio Lower Upper
 69 100
 41 1931.0 43.8 65.6#
 39 986.4 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 4.631 ug/l

RT: 9.488 min Scan# 1

Delta R.T. 0.177 min

Lab File: VX027964.D

Acq: 04 Apr 2022 17:44

Instrument :

MSVOA_X

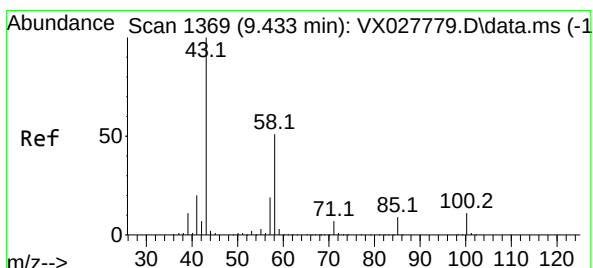
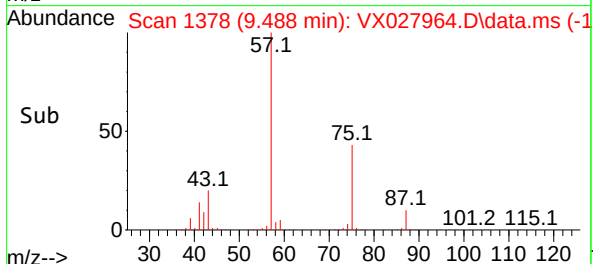
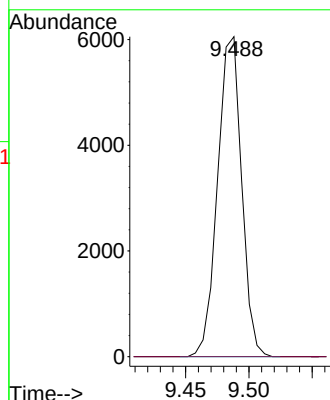
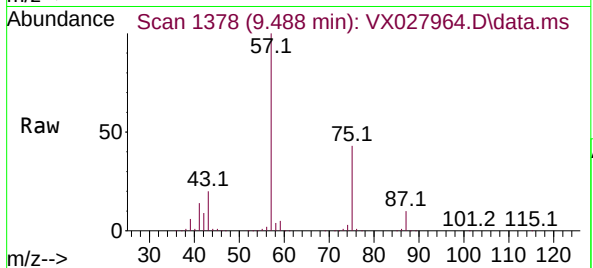
ClientSampleId :

Tgt Ion: 76 Resp: 7984

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 89.107 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX027964.D

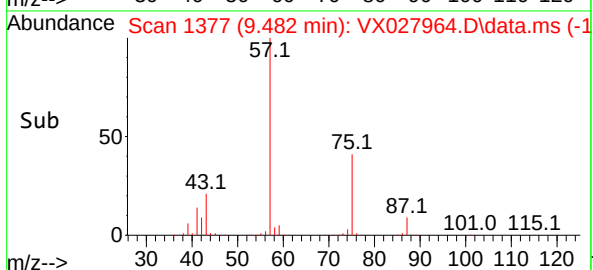
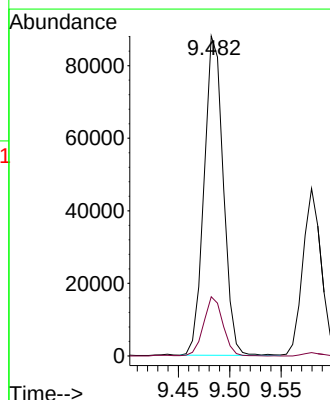
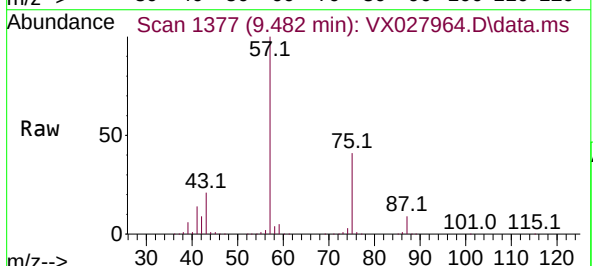
Acq: 04 Apr 2022 17:44

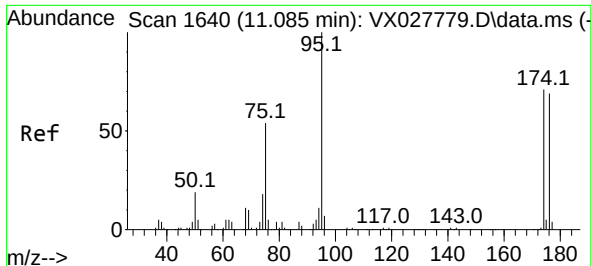
Tgt Ion: 43 Resp: 114365

Ion Ratio Lower Upper

43 100

58 18.7 31.9 95.7#

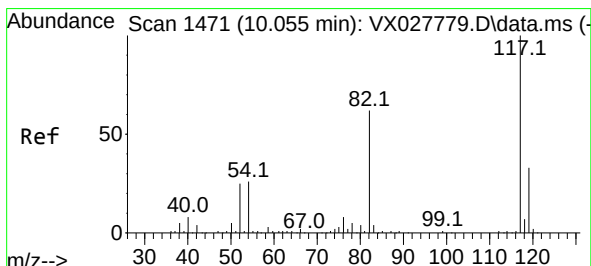
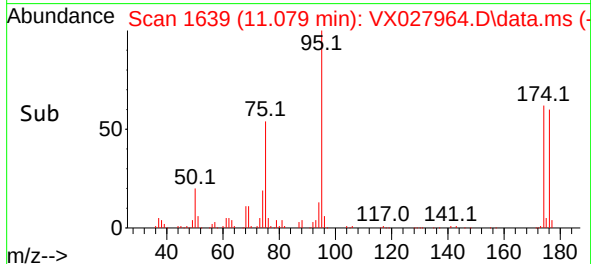
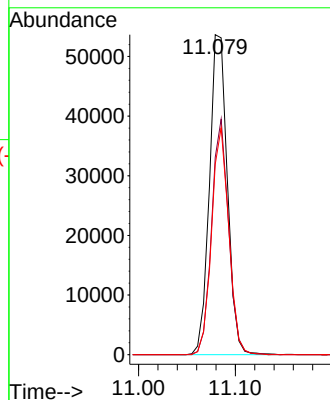
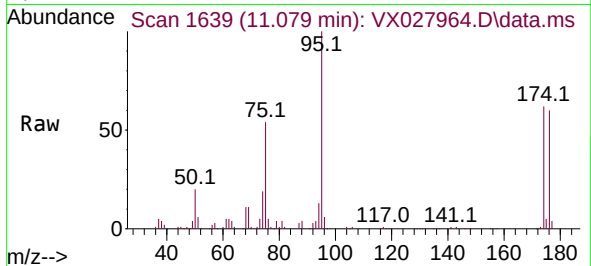




#62
4-Bromofluorobenzene
Concen: 48.180 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44

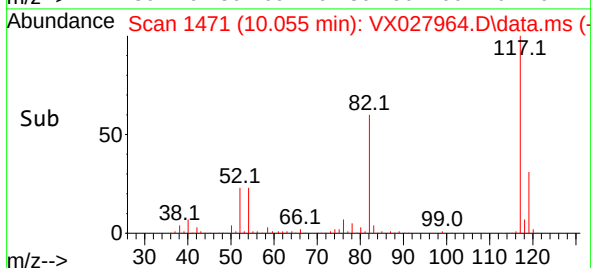
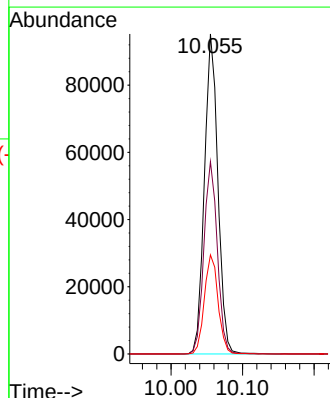
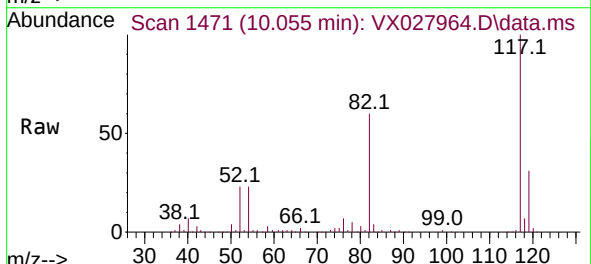
Instrument :
MSVOA_X
ClientSampleId :

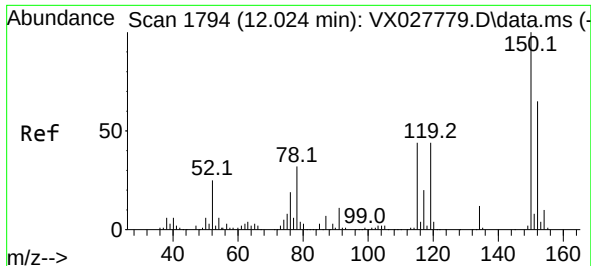
Tgt Ion: 95 Resp: 69214
Ion Ratio Lower Upper
95 100
174 69.5 0.0 163.0
176 67.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44

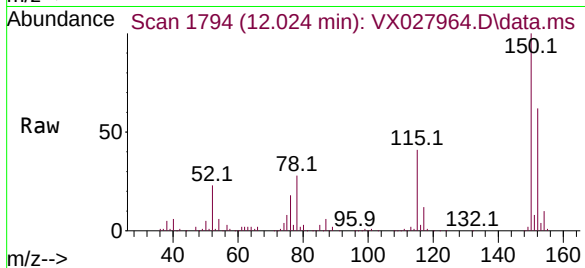
Tgt Ion: 117 Resp: 124684
Ion Ratio Lower Upper
117 100
82 60.1 41.8 62.8
119 31.0 24.8 37.2



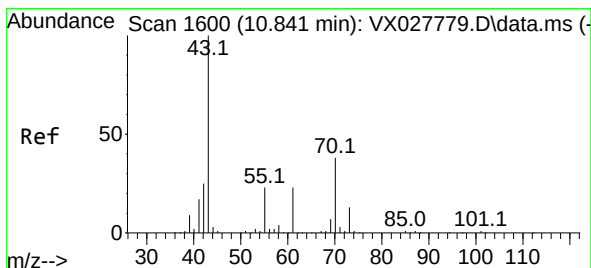
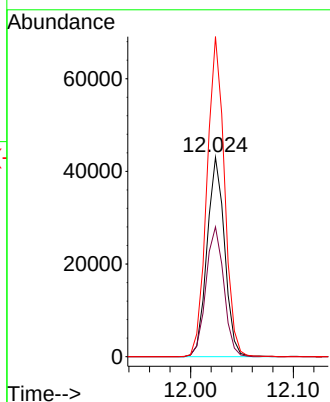
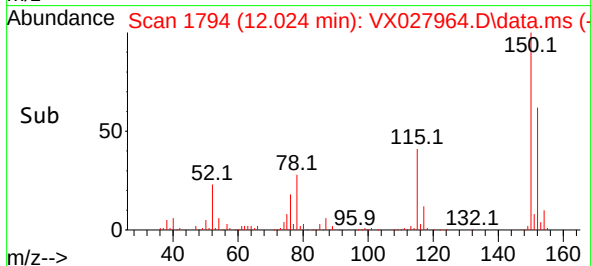


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44

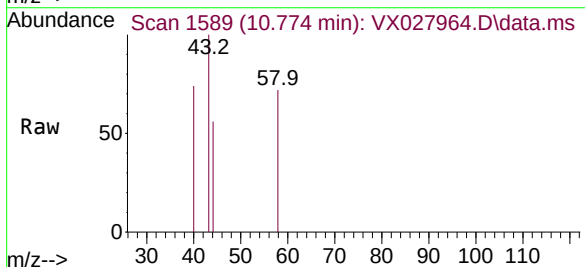
Instrument :
MSVOA_X
ClientSampleId :



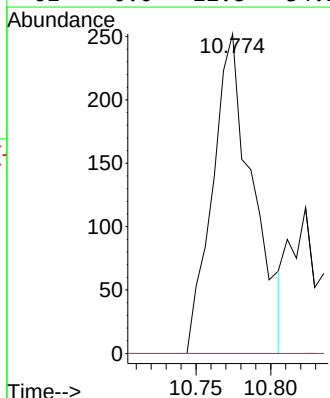
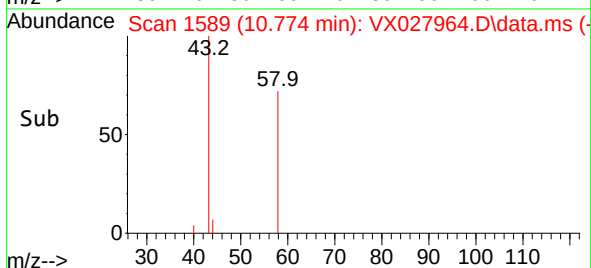
Tgt Ion:152 Resp: 51054
Ion Ratio Lower Upper
152 100
115 66.3 37.5 112.7
150 160.1 0.0 338.2

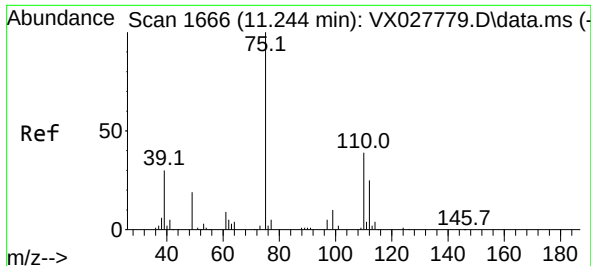


#74
N-ethyl acetate
Concen: 0.274 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.067 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44



Tgt Ion: 43 Resp: 469
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#

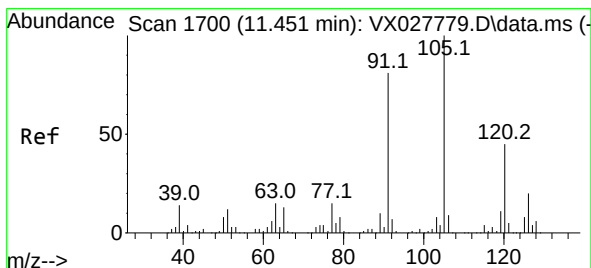
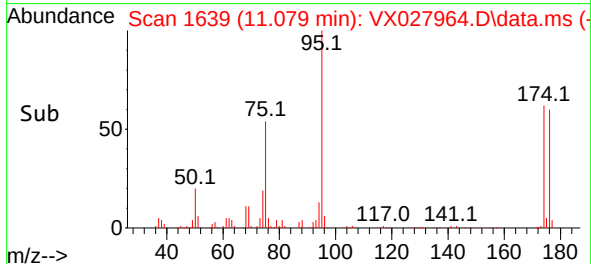
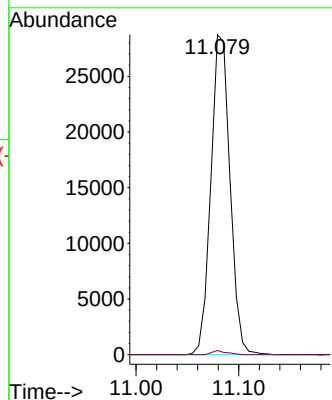
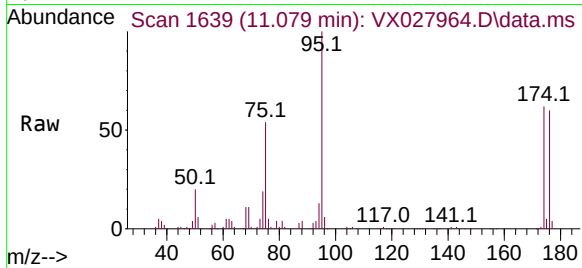




#76
1,2,3-Trichloropropane
Concen: 31.108 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.165 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44

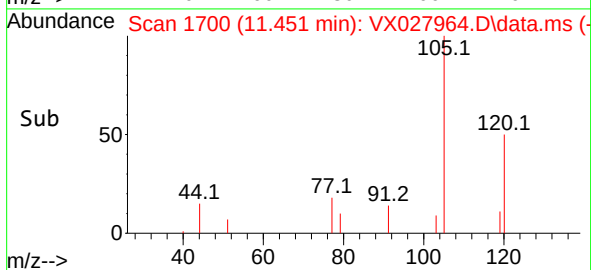
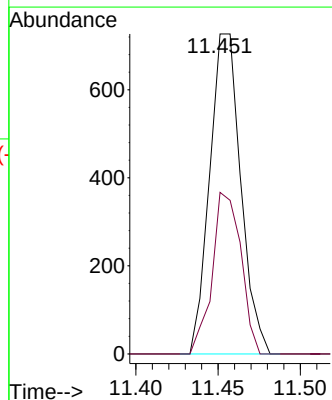
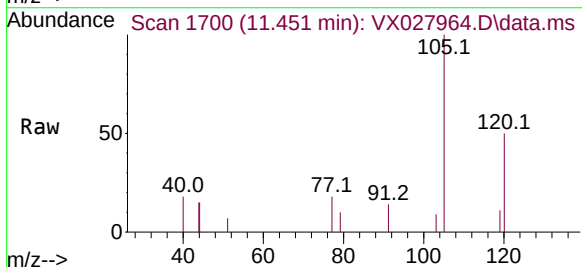
Instrument :
MSVOA_X
ClientSampleId :

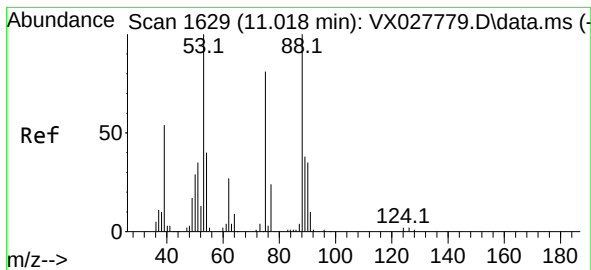
Tgt Ion: 75 Resp: 37256
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.290 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027964.D
Acq: 04 Apr 2022 17:44

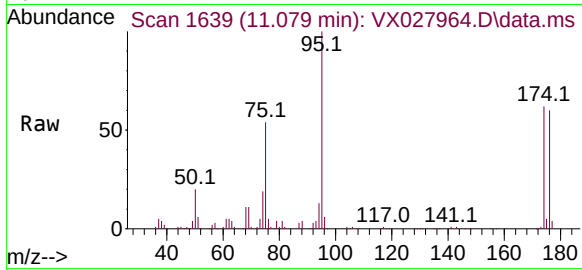
Tgt Ion: 105 Resp: 955
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.481 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027964.D
 Acq: 04 Apr 2022 17:44

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 37256
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

