

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
 Data File : VX026758.D
 Acq On : 03 Feb 2022 15:16
 Operator : JC/MD
 Sample : PB142440ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142440ZHE#01

Quant Time: Feb 04 02:33:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

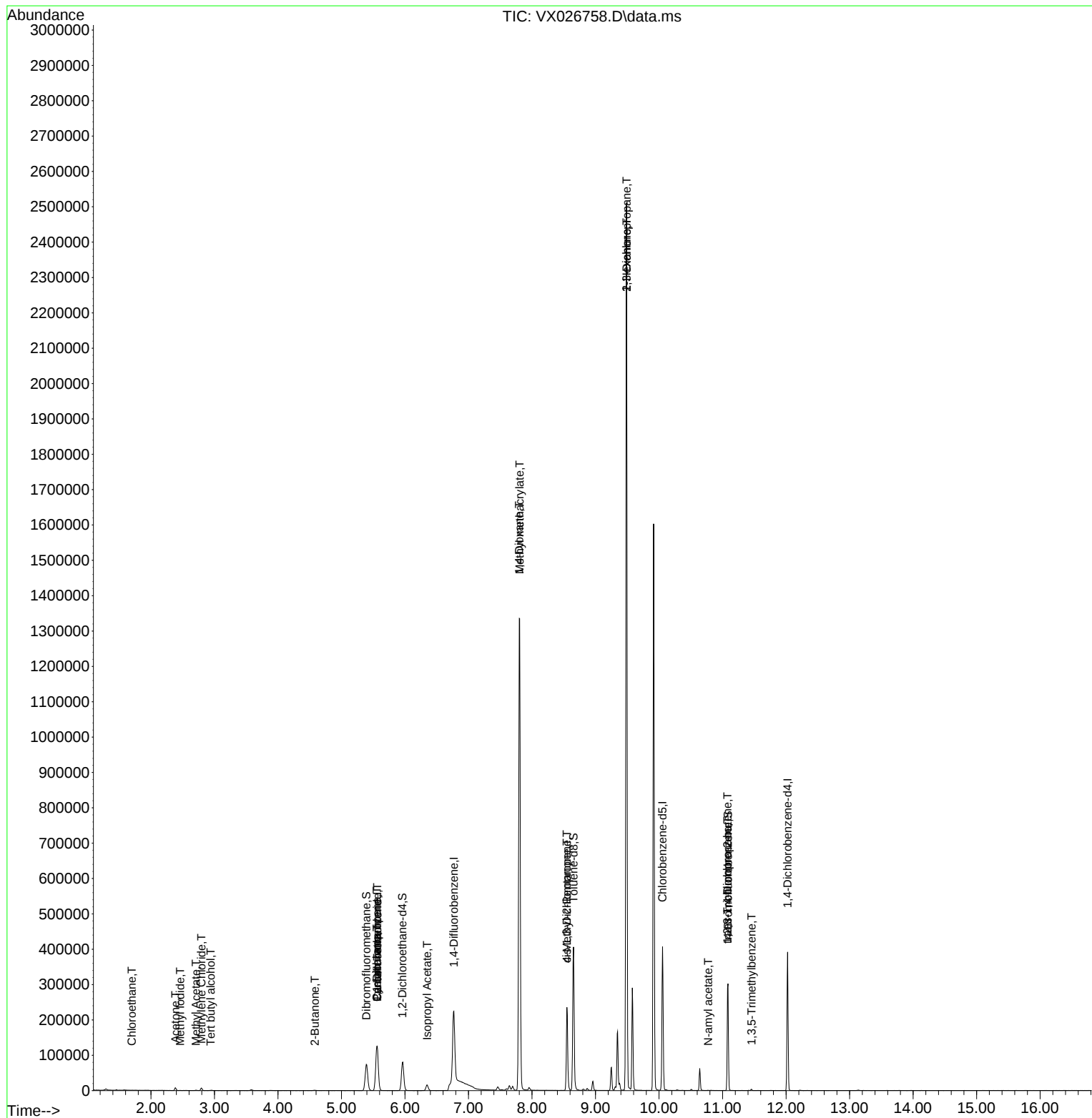
Internal Standards						
1) Pentafluorobenzene	5.562	168	124141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	207677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78488	45.260	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.520%		
35) Dibromofluoromethane	5.391	113	65336	48.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.653	98	238230	49.294	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.580%		
62) 4-Bromofluorobenzene	11.085	95	84788	49.387	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.780%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	151	0.212	ug/l #	43
10) Methyl Iodide	2.459	142	291	4.627	ug/l #	74
11) Tert butyl alcohol	2.940	59	720	2.985	ug/l #	75
16) Acetone	2.386	43	8820	9.973	ug/l	89
18) Methyl Acetate	2.709	43	1630	0.927	ug/l #	89
20) Methylene Chloride	2.794	84	3245	2.221	ug/l	98
25) 2-Butanone	4.580	43	1686	1.466	ug/l #	89
31) Cyclohexane	5.556	56	2221	0.868	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9299	4.392	ug/l #	51
38) Carbon Tetrachloride	5.562	117	12816	5.885	ug/l #	17
43) Isopropyl Acetate	6.348	43	22220	6.423	ug/l	99
48) Methyl methacrylate	7.805	41	114737	66.923	ug/l #	44
49) 1,4-Dioxane	7.799	88	178	6.327	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	77819	37.924	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	37232	16.662	ug/l #	56
57) 1,3-Dichloropropane	9.488	76	21404	8.816	ug/l #	43
59) 2-Hexanone	9.488	43	295556	188.191	ug/l #	52
74) N-amyl acetate	10.774	43	586	0.234	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	41789	24.006	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	1834	0.343	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	41789	73.167	ug/l #	3

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
Data File : VX026758.D
Acq On : 03 Feb 2022 15:16
Operator : JC/MD
Sample : PB142440ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01

Quant Time: Feb 04 02:33:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

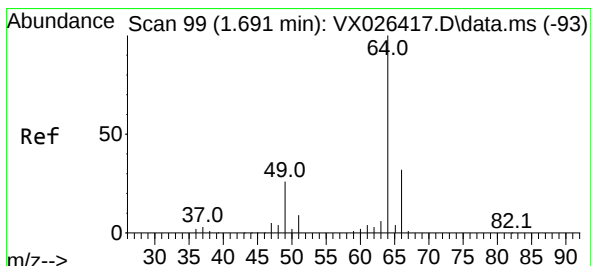
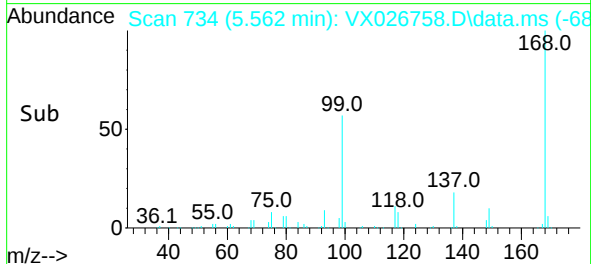
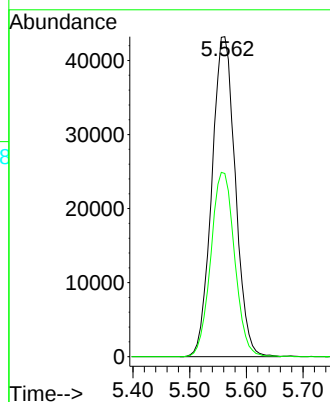
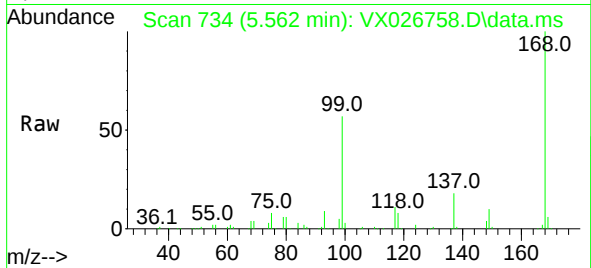




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

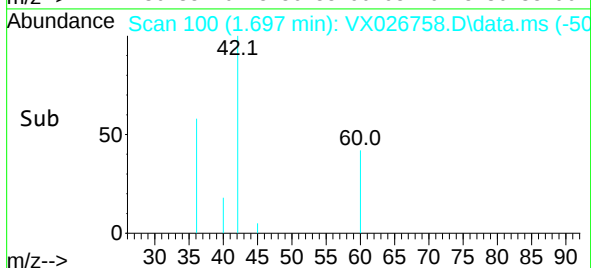
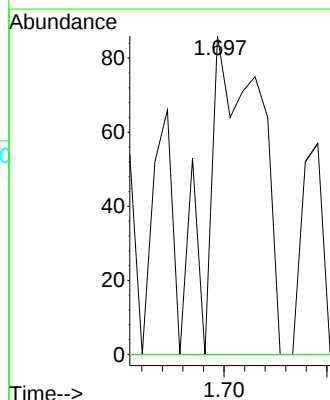
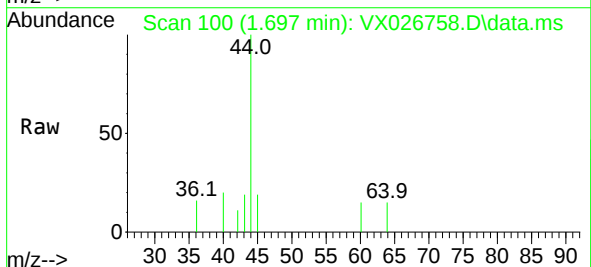
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01

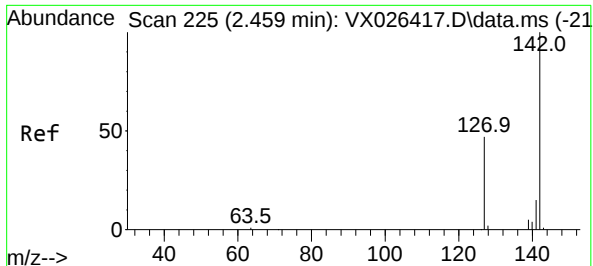
Tgt Ion:168 Resp: 124141
Ion Ratio Lower Upper
168 100
99 57.3 50.3 75.5



#6
Chloroethane
Concen: 0.212 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

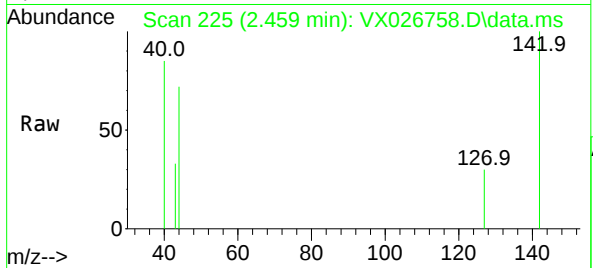
Tgt Ion: 64 Resp: 151
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



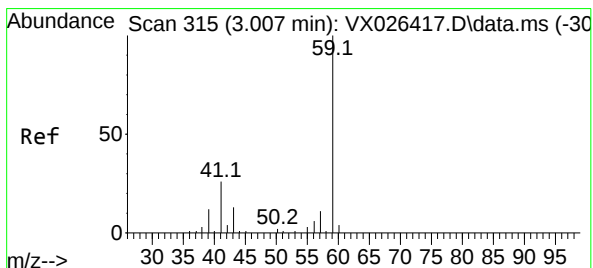
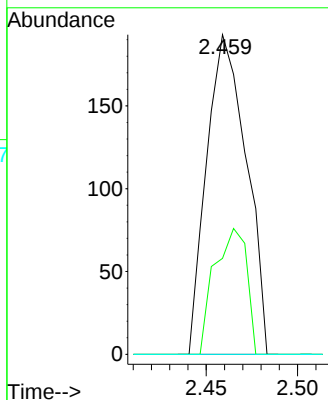
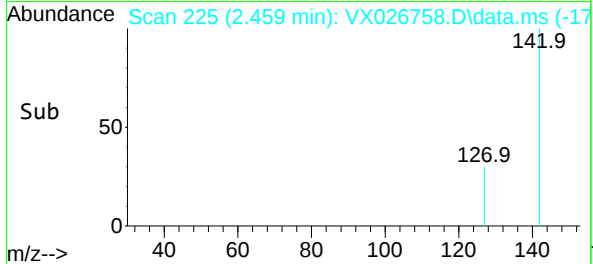


#10
Methyl Iodide
Concen: 4.627 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01

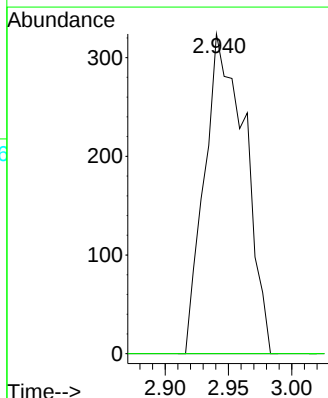
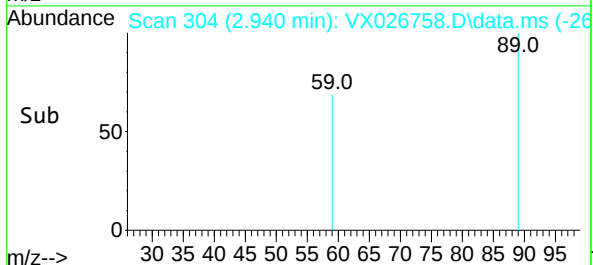
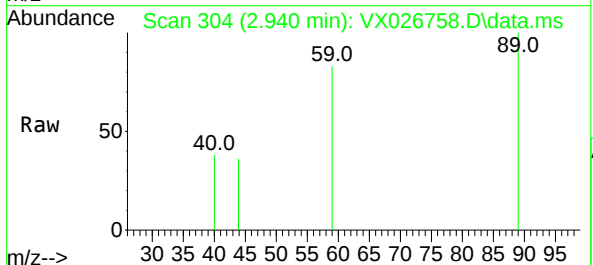


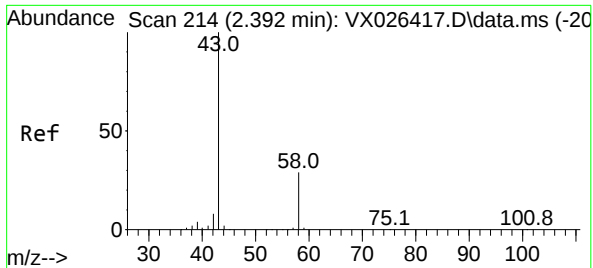
Tgt Ion:142 Resp: 291
Ion Ratio Lower Upper
142 100
127 32.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 2.985 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

Tgt Ion: 59 Resp: 720
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

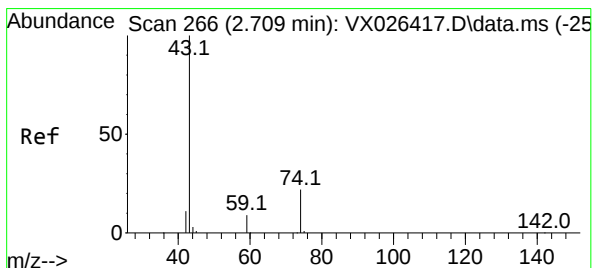
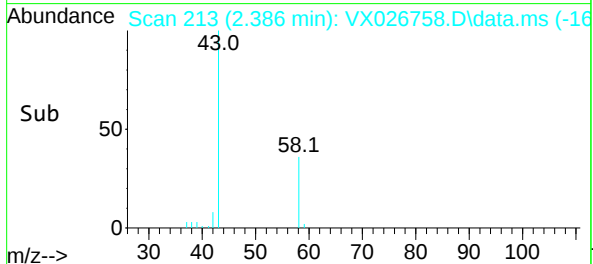
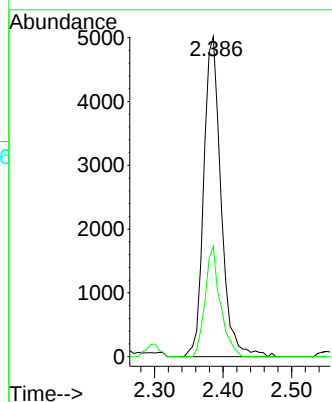
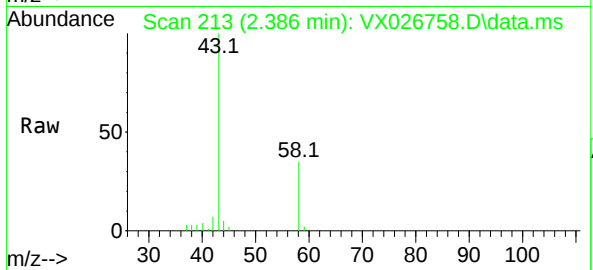




#16
Acetone
Concen: 9.973 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

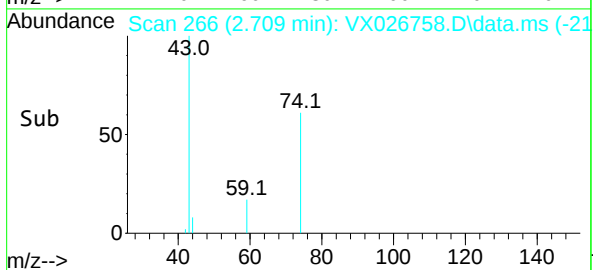
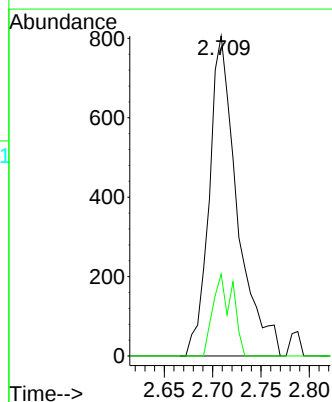
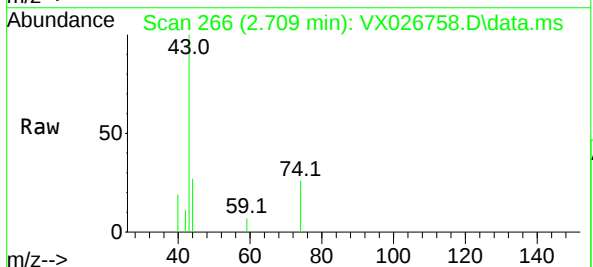
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01

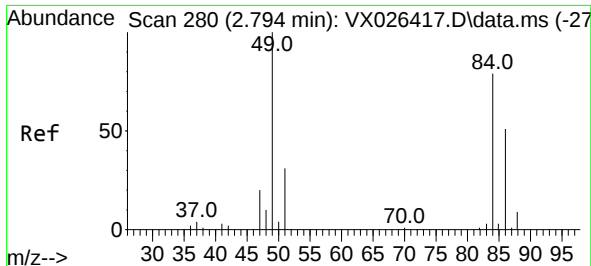
Tgt Ion: 43 Resp: 8820
Ion Ratio Lower Upper
43 100
58 34.5 23.0 34.6



#18
Methyl Acetate
Concen: 0.927 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

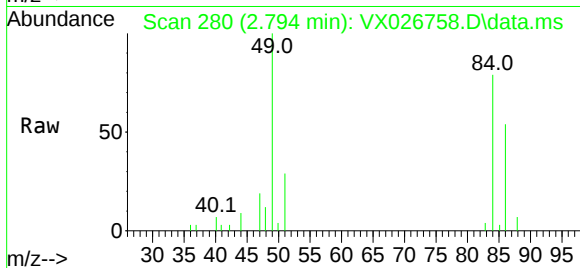
Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
74 17.7 18.3 27.5#



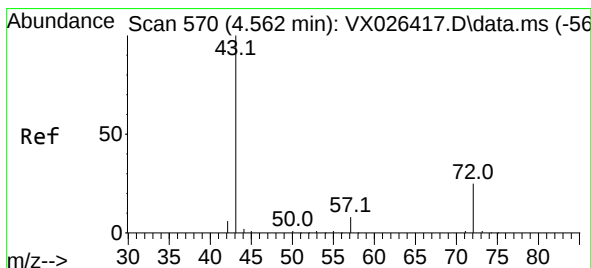
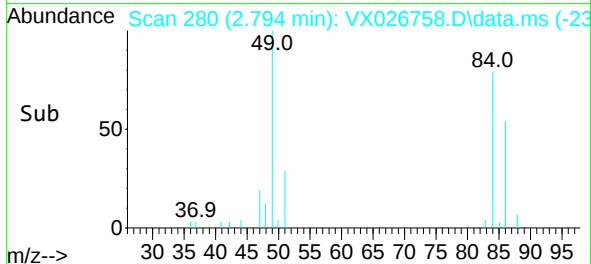
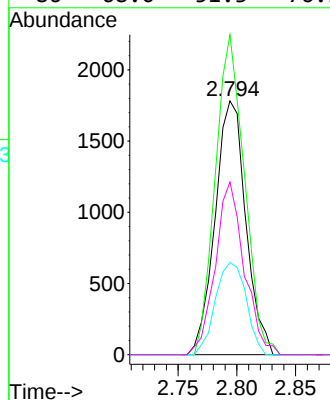


#20
Methylene Chloride
Concen: 2.221 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01

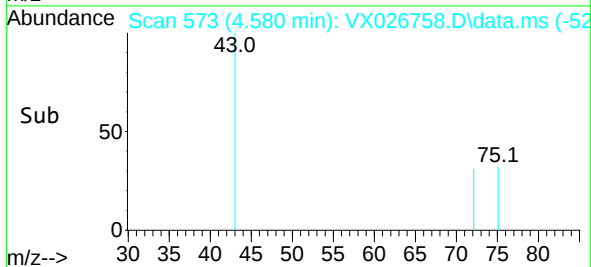
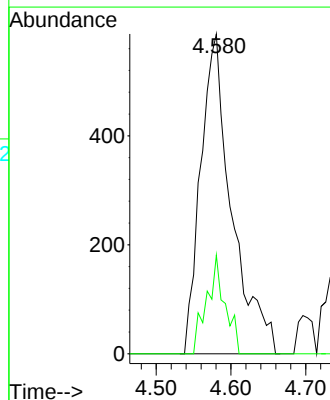
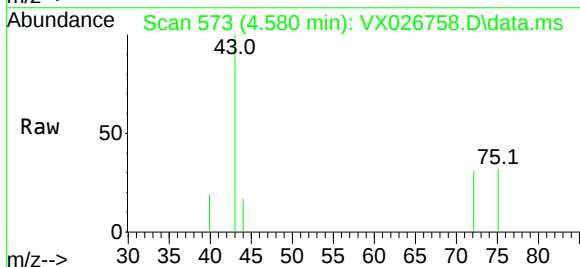


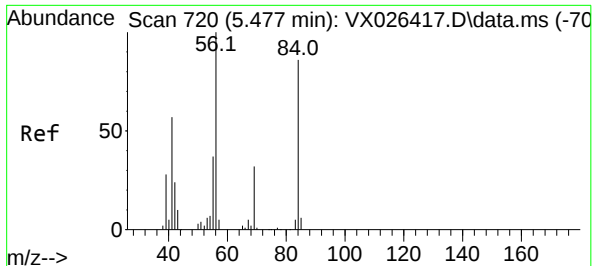
Tgt Ion:	84	Resp:	3245
Ion	Ratio	Lower	Upper
84	100		
49	126.1	101.5	152.3
51	36.4	31.2	46.8
86	68.0	51.3	76.9



#25
2-Butanone
Concen: 1.466 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

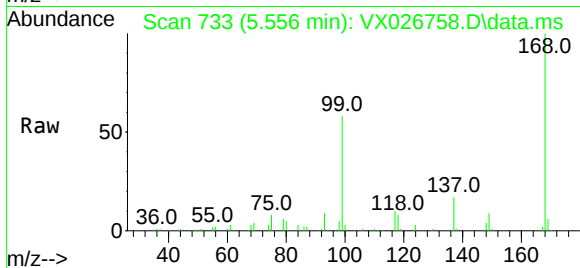
Tgt Ion:	43	Resp:	1686
Ion	Ratio	Lower	Upper
43	100		
72	30.8	20.4	30.6#





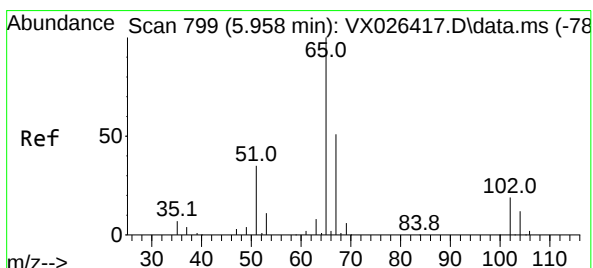
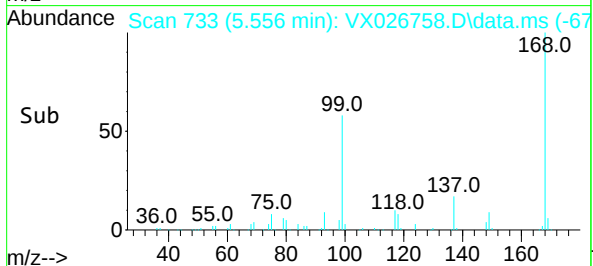
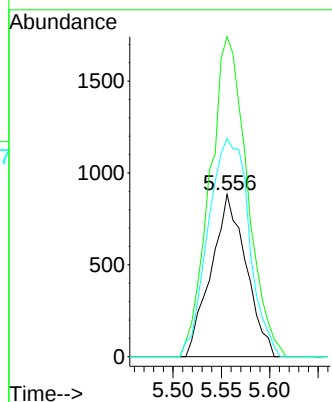
#31
Cyclohexane
Concen: 0.868 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01



Tgt Ion: 56 Resp: 2221

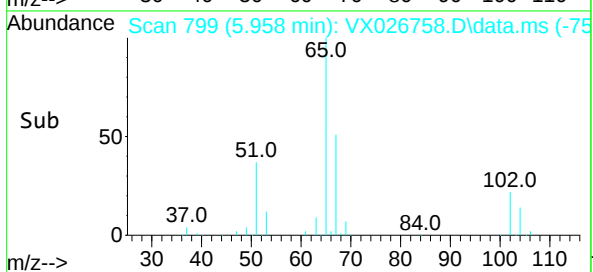
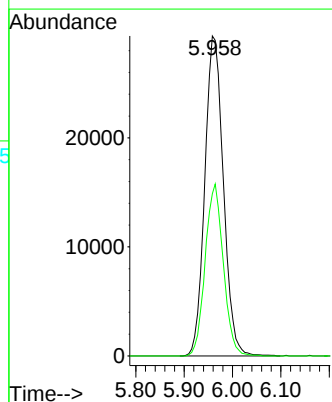
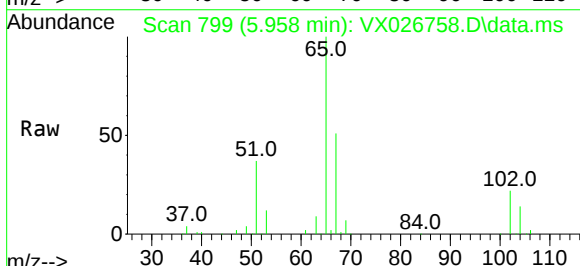
Ion	Ratio	Lower	Upper
56	100		
69	197.3	25.8	38.6#
84	134.4	68.9	103.3#

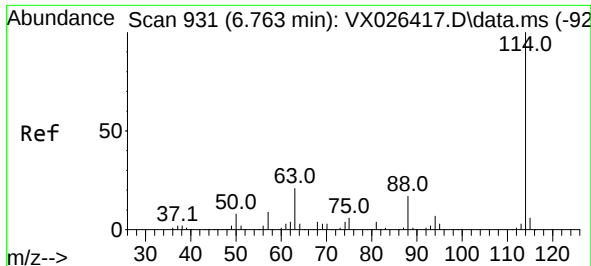


#33
1,2-Dichloroethane-d4
Concen: 45.260 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

Tgt Ion: 65 Resp: 78488

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	100.8

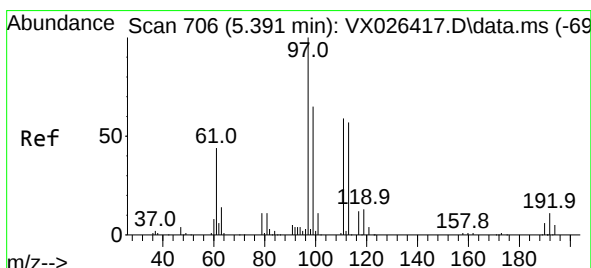
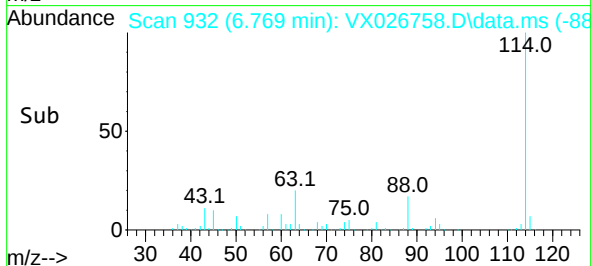
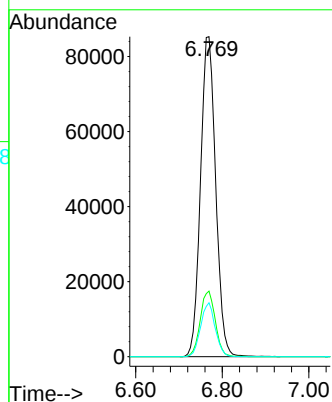
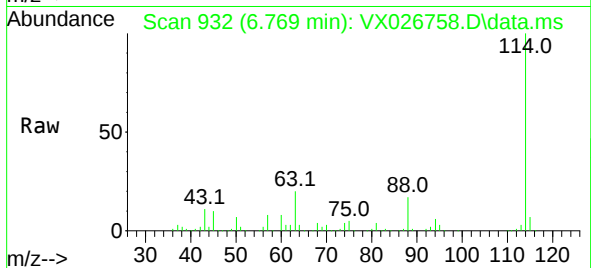




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

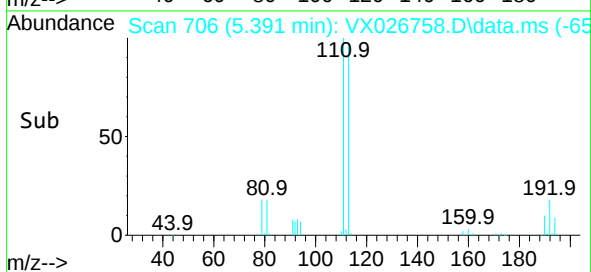
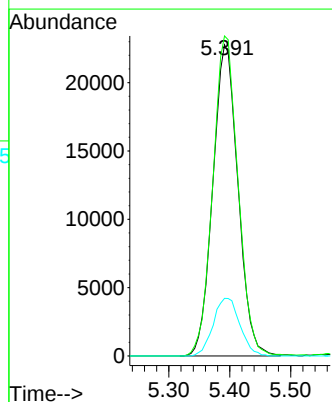
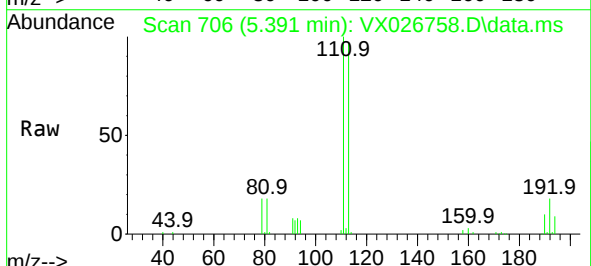
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01

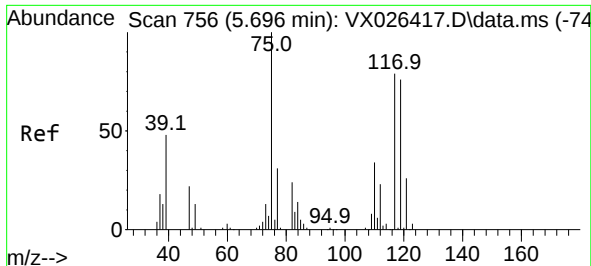
Tgt Ion:114 Resp: 207677
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.8
88 16.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.718 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

Tgt Ion:113 Resp: 65336
Ion Ratio Lower Upper
113 100
111 103.0 81.2 121.8
192 19.6 15.0 22.4

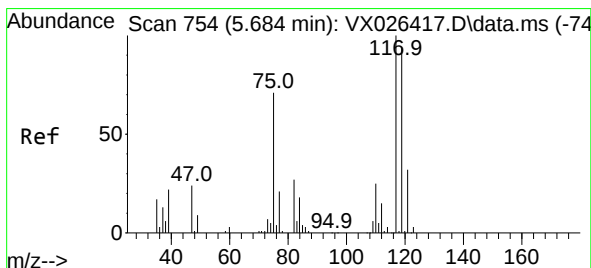
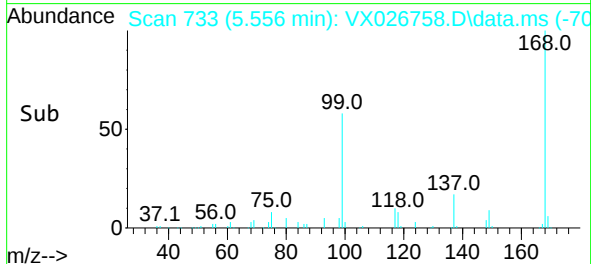
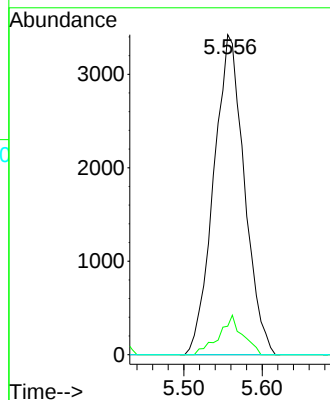
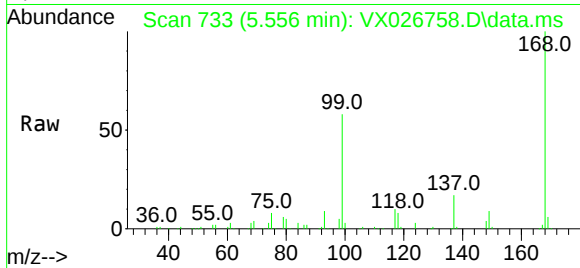




#36
1,1-Dichloropropene
Concen: 4.392 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

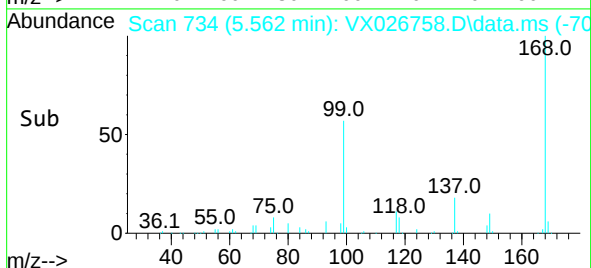
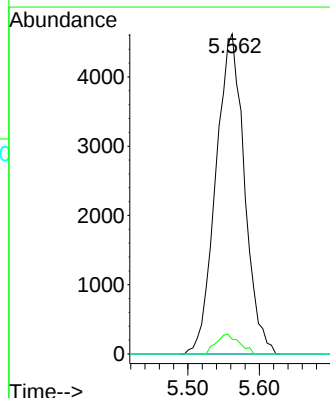
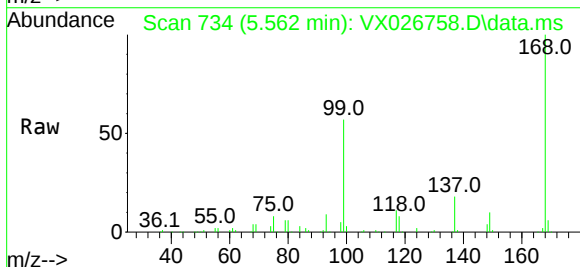
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01

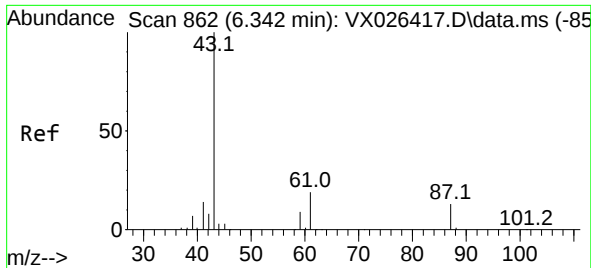
Tgt Ion: 75 Resp: 9299
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

Tgt Ion: 117 Resp: 12816
Ion Ratio Lower Upper
117 100
119 4.6 74.7 112.1#
121 0.0 25.4 38.0#

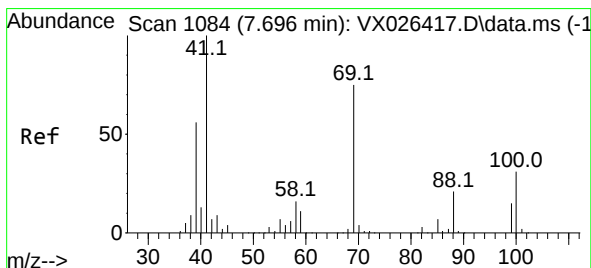
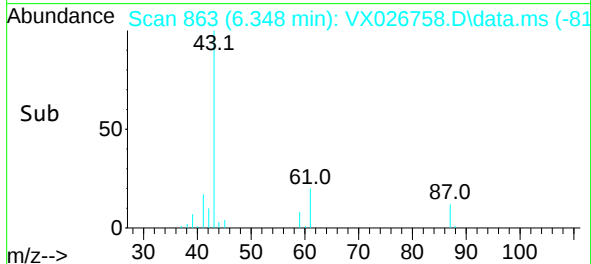
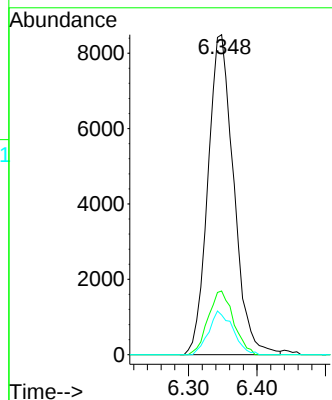
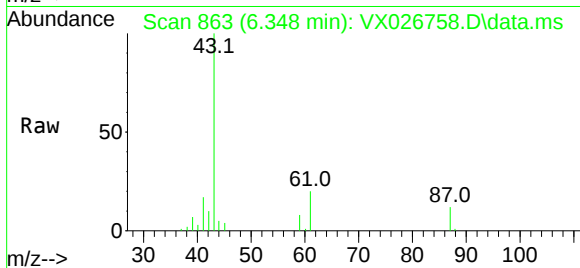




#43
Isopropyl Acetate
Concen: 6.423 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

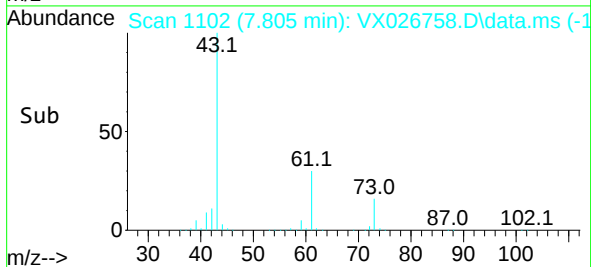
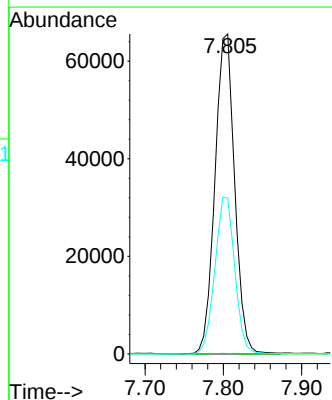
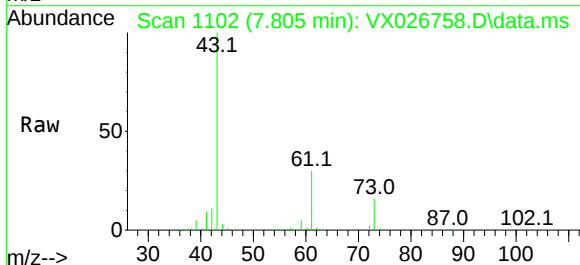
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01

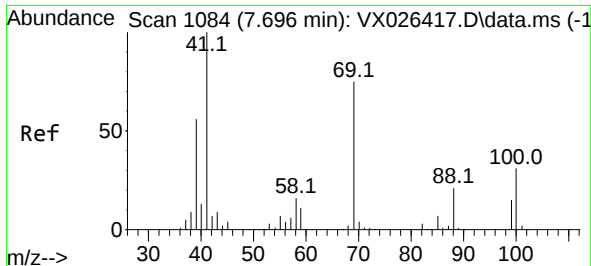
Tgt Ion: 43 Resp: 22220
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0
87 12.8 10.2 15.2



#48
Methyl methacrylate
Concen: 66.923 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.110 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

Tgt Ion: 41 Resp: 114737
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 49.5 45.4 68.0





#49

1,4-Dioxane

Concen: 6.327 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026758.D

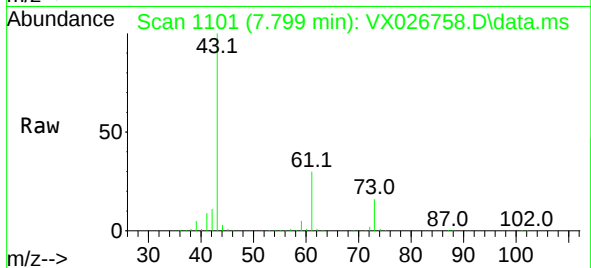
Acq: 03 Feb 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

PB142440ZHE#01



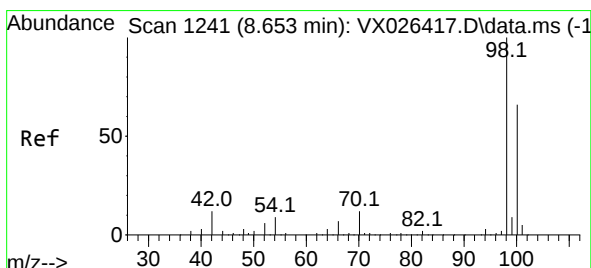
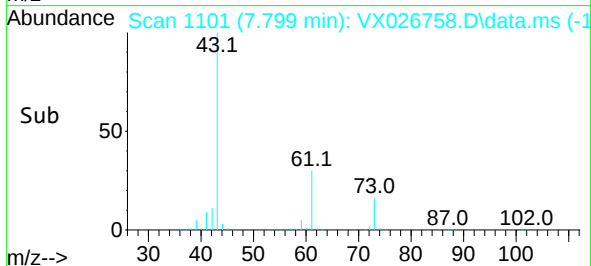
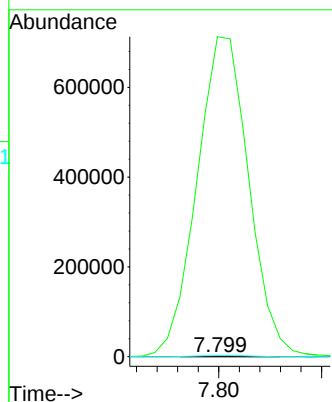
Tgt Ion: 88 Resp: 178

Ion Ratio Lower Upper

88 100

43 705607.3 29.9 44.9#

58 2714.0 57.8 86.6#



#50

Toluene-d8

Concen: 49.294 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026758.D

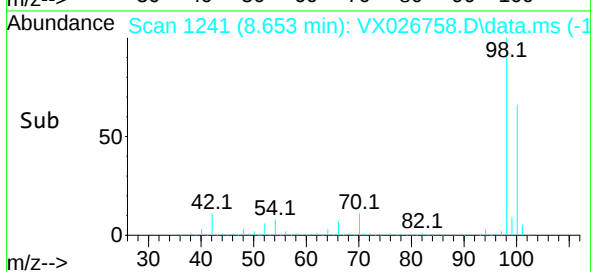
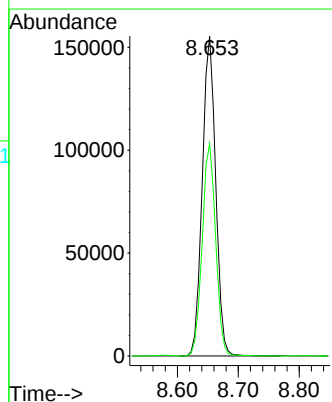
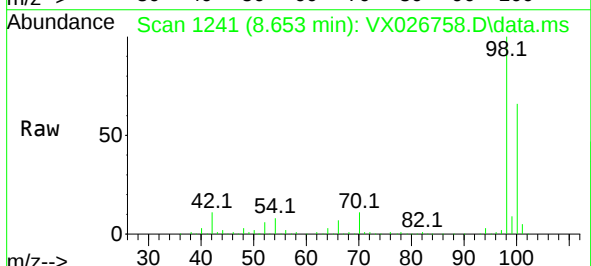
Acq: 03 Feb 2022 15:16

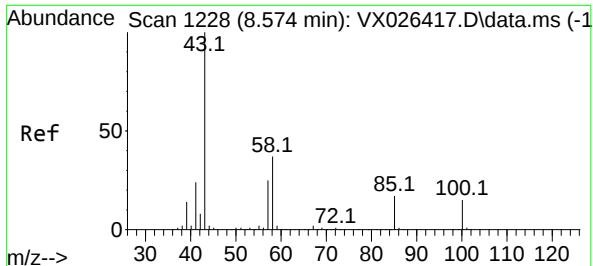
Tgt Ion: 98 Resp: 238230

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8

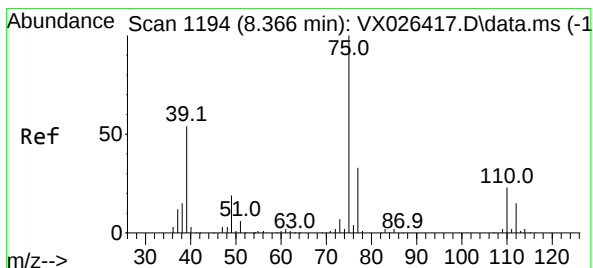
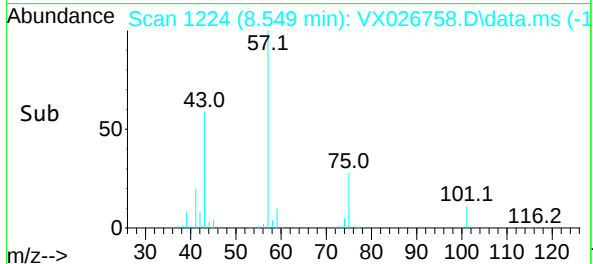
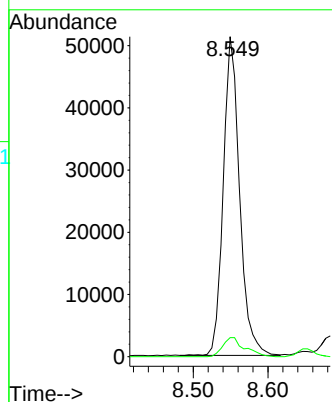
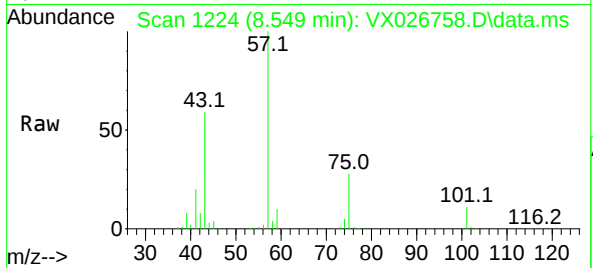




#51
4-Methyl-2-Pentanone
Concen: 37.924 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

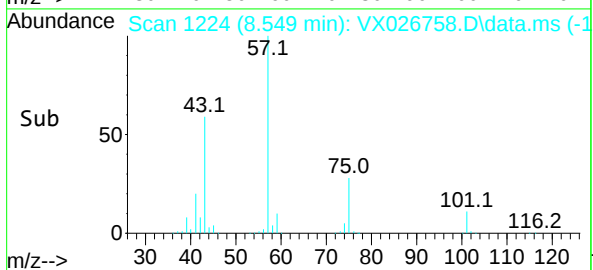
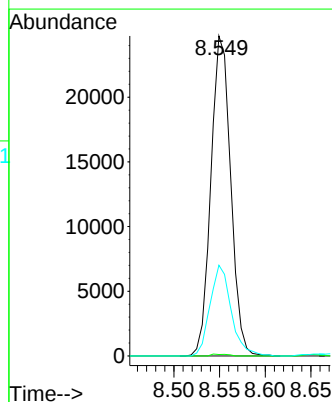
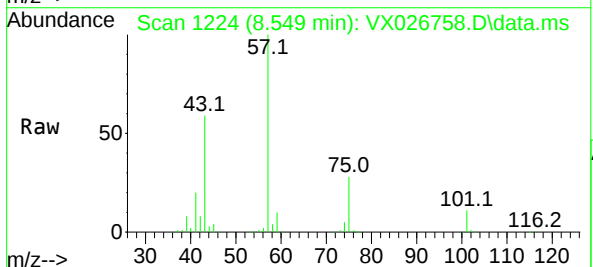
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01

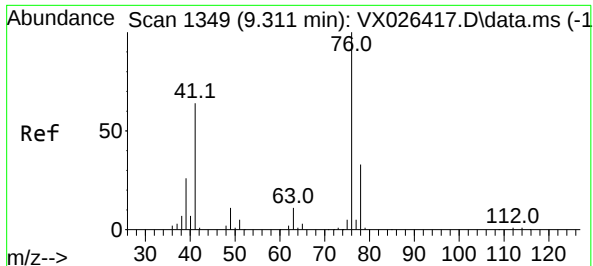
Tgt Ion: 43 Resp: 77819
Ion Ratio Lower Upper
43 100
58 8.0 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 16.662 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

Tgt Ion: 75 Resp: 37232
Ion Ratio Lower Upper
75 100
77 0.5 26.2 39.2#
39 28.4 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 8.816 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX026758.D

Acq: 03 Feb 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

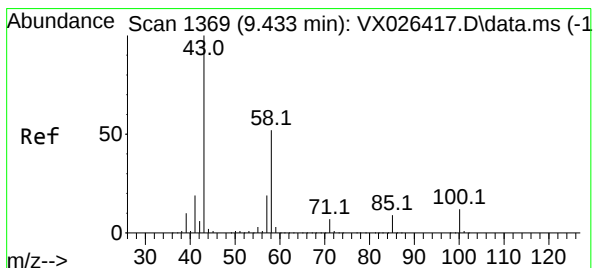
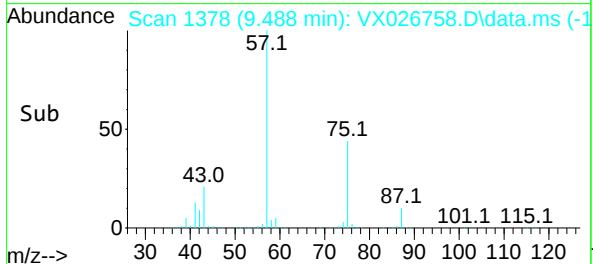
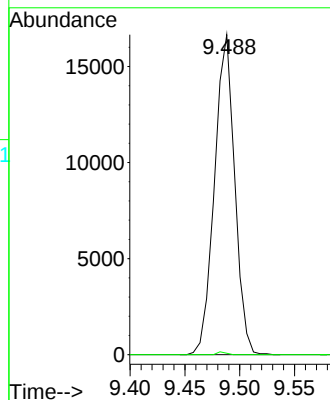
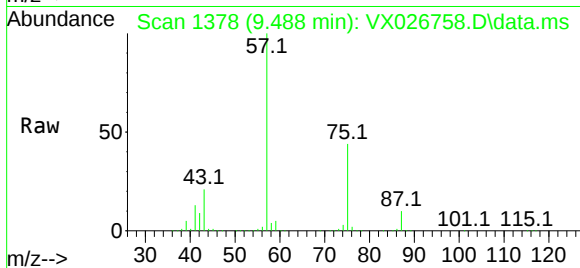
PB142440ZHE#01

Tgt Ion: 76 Resp: 21404

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#59

2-Hexanone

Concen: 188.191 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026758.D

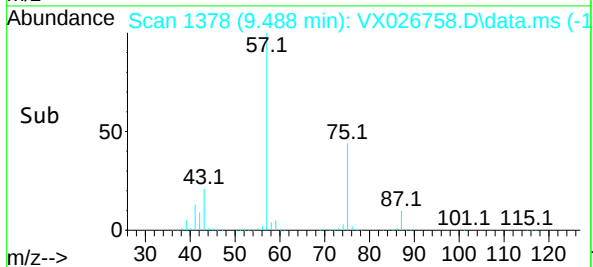
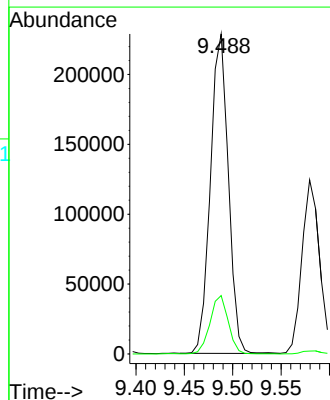
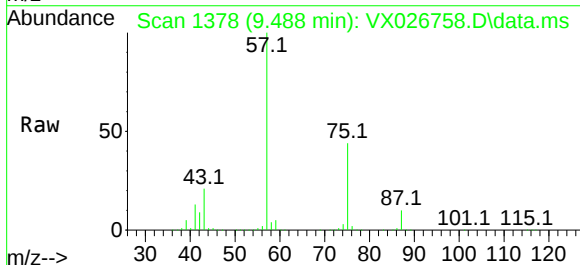
Acq: 03 Feb 2022 15:16

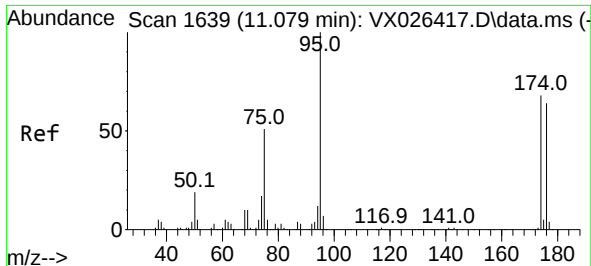
Tgt Ion: 43 Resp: 295556

Ion Ratio Lower Upper

43 100

58 18.6 26.4 79.2#

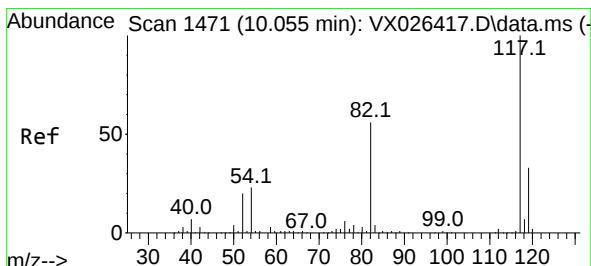
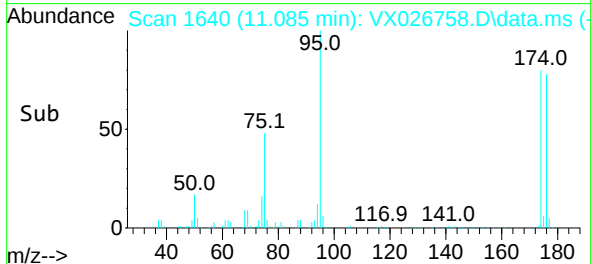
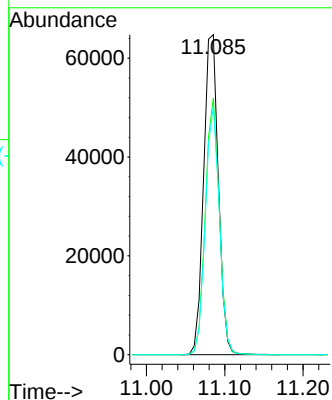
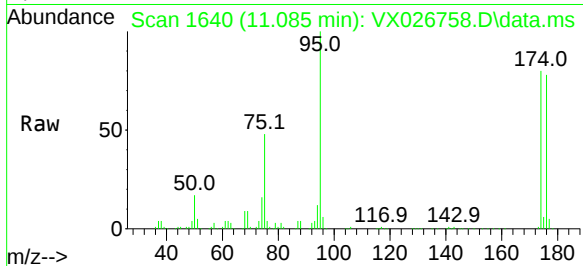




#62
4-Bromofluorobenzene
Concen: 49.387 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

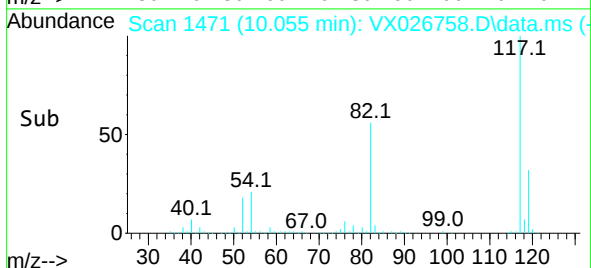
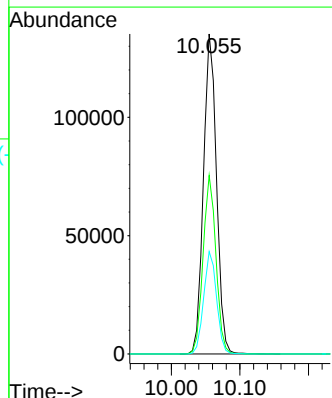
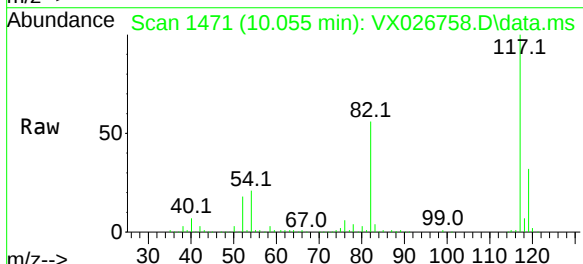
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01

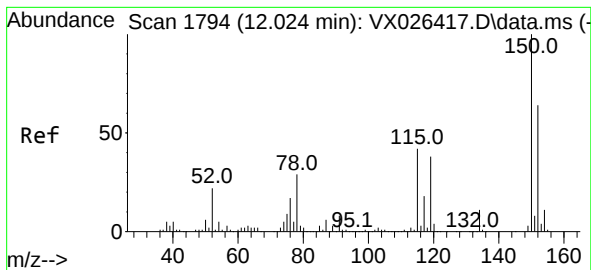
Tgt Ion: 95 Resp: 84788
Ion Ratio Lower Upper
95 100
174 76.3 0.0 148.6
176 73.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

Tgt Ion: 117 Resp: 179458
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026758.D

Acq: 03 Feb 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

PB142440ZHE#01

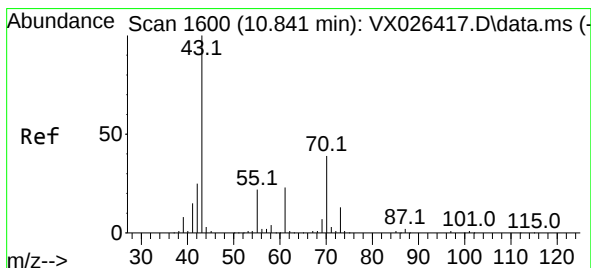
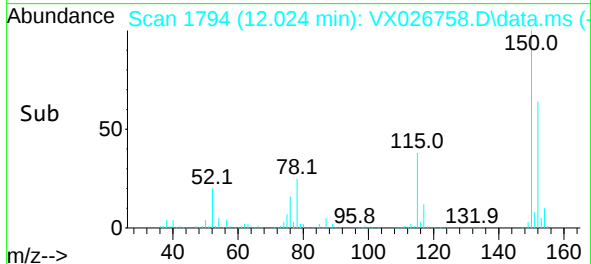
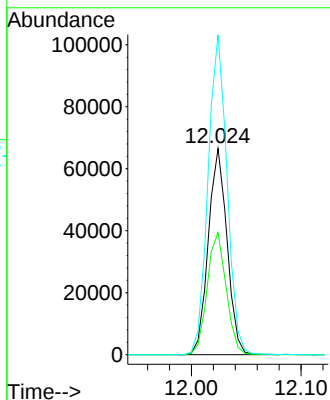
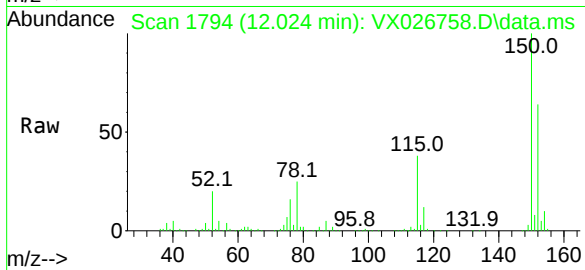
Tgt Ion:152 Resp: 79062

Ion Ratio Lower Upper

152 100

115 59.9 44.2 132.6

150 157.2 0.0 348.2



#74

N-ethyl acetate

Concen: 0.234 ug/l

RT: 10.774 min Scan# 1589

Delta R.T. -0.067 min

Lab File: VX026758.D

Acq: 03 Feb 2022 15:16

Tgt Ion: 43 Resp: 586

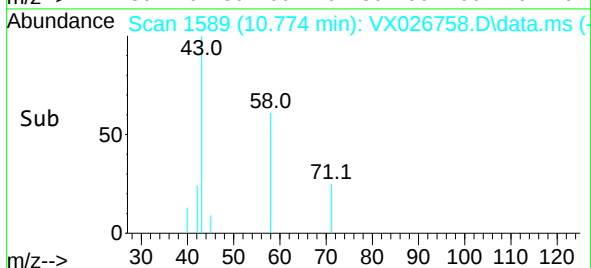
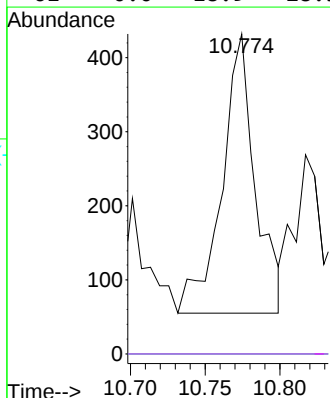
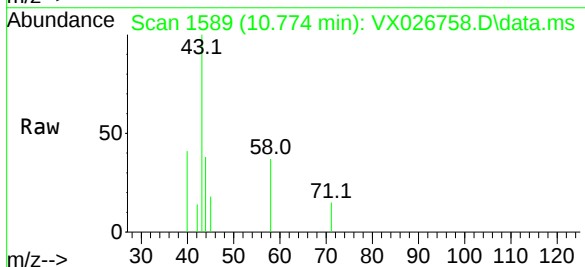
Ion Ratio Lower Upper

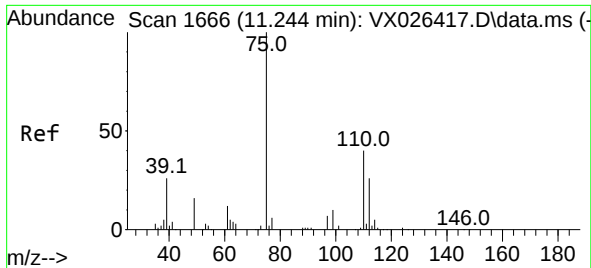
43 100

70 0.0 32.9 49.3#

55 0.0 18.3 27.5#

61 0.0 18.9 28.3#

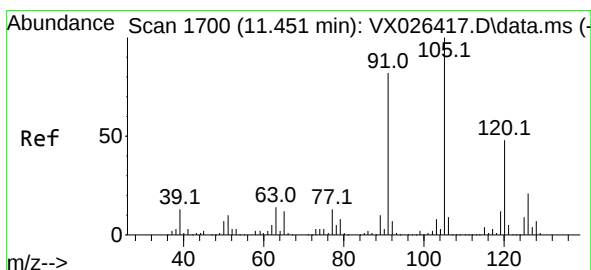
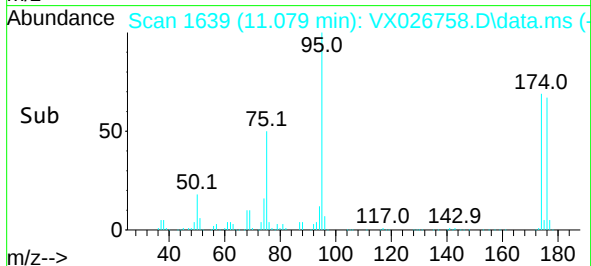
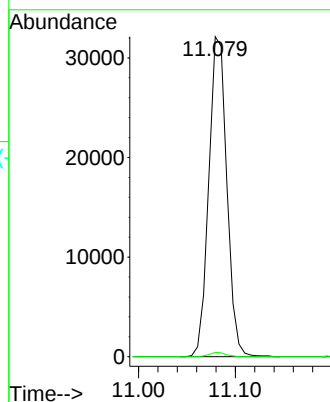
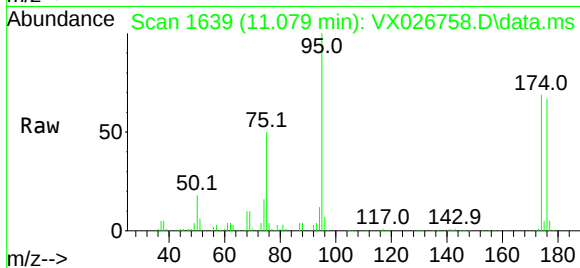




#76
1,2,3-Trichloropropane
Concen: 24.006 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.165 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

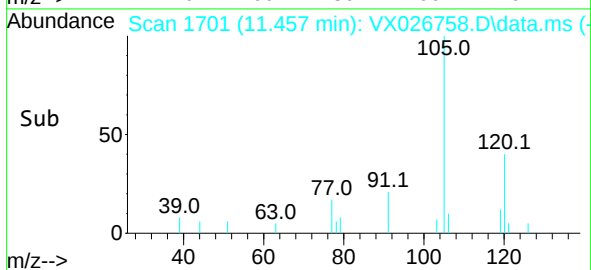
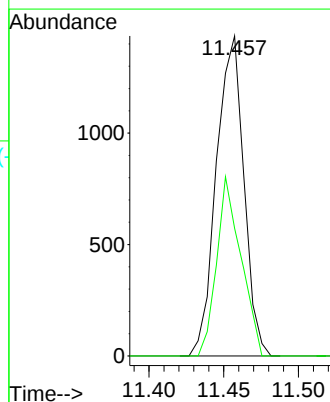
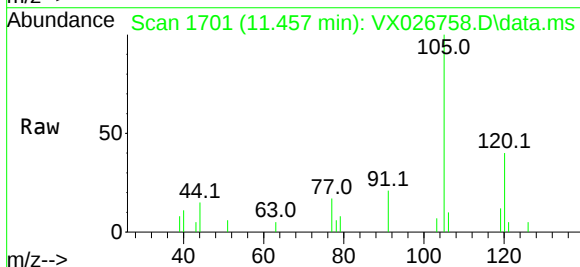
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#01

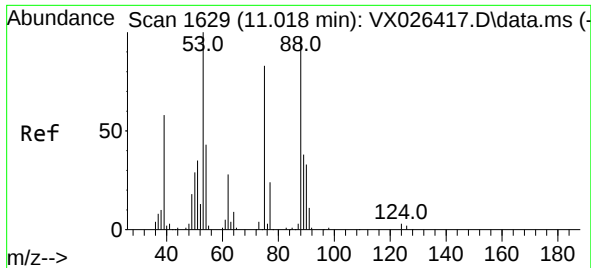
Tgt Ion: 75 Resp: 41789
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.343 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026758.D
Acq: 03 Feb 2022 15:16

Tgt Ion: 105 Resp: 1834
Ion Ratio Lower Upper
105 100
120 49.4 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.167 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026758.D
 Acq: 03 Feb 2022 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142440ZHE#01

Tgt Ion: 75 Resp: 41789
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

