

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028503.D
 Acq On : 03 May 2022 15:52
 Operator : JC/MD
 Sample : PB144525TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144525TB

Quant Time: May 04 06:05:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

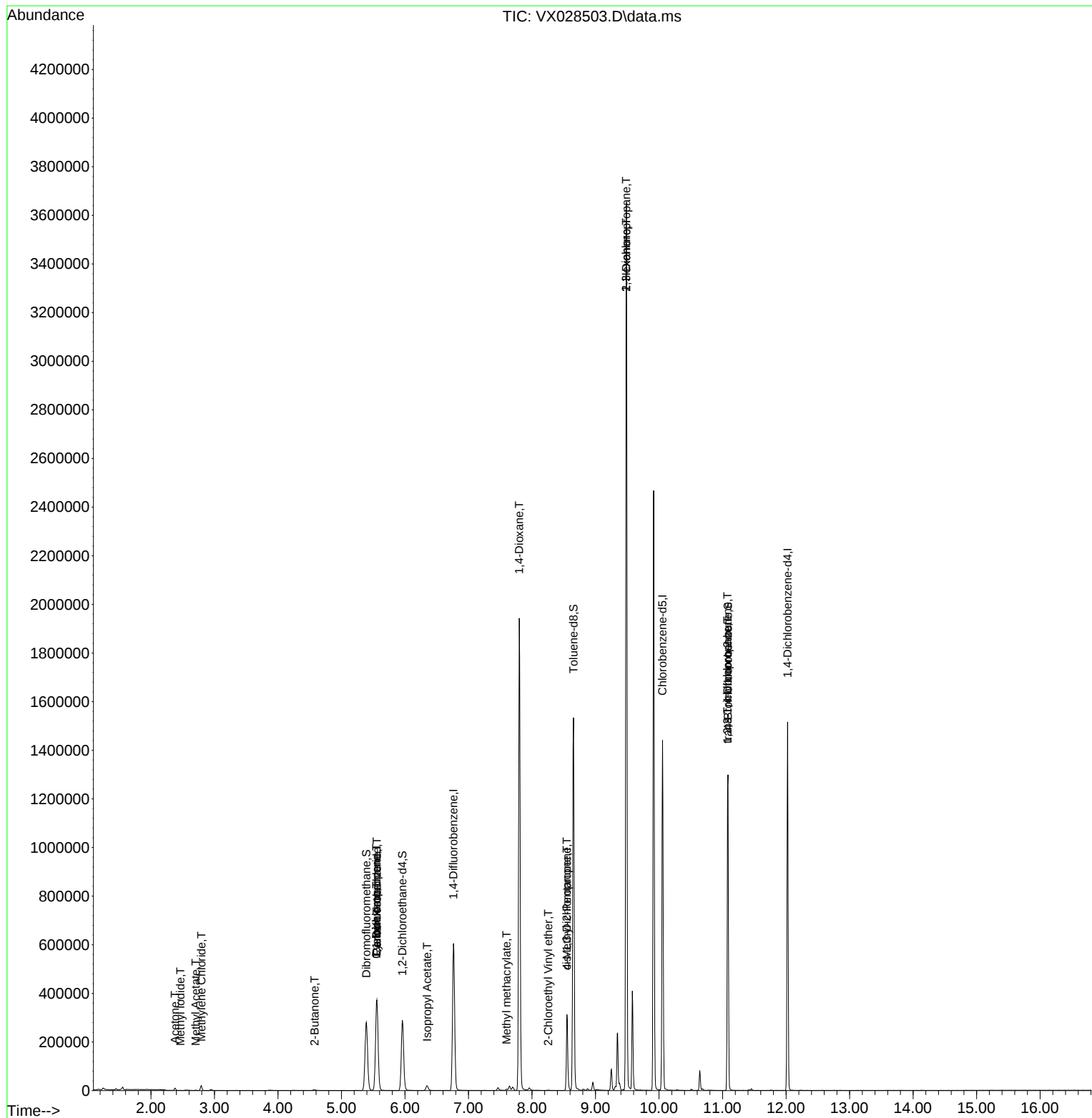
Internal Standards						
1) Pentafluorobenzene	5.556	168	362475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	639474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	666061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	310452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	270314	57.194	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.380%			
35) Dibromofluoromethane	5.391	113	243055	54.198	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.400%			
50) Toluene-d8	8.653	98	934888	54.277	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.560%			
62) 4-Bromofluorobenzene	11.085	95	345356	52.439	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.880%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	424	Below Cal		97
5) Bromomethane	1.617	94	860	Below Cal		89
6) Chloroethane	1.666	64	225	Below Cal	#	41
8) Diethyl Ether	2.142	74	142	Below Cal	#	23
10) Methyl Iodide	2.465	142	368	5.317 ug/l	#	77
11) Tert butyl alcohol	2.953	59	2499	Below Cal	#	77
16) Acetone	2.379	43	9936	5.518 ug/l		94
18) Methyl Acetate	2.703	43	1627	0.387 ug/l		91
20) Methylene Chloride	2.794	84	8864	2.528 ug/l		94
25) 2-Butanone	4.574	43	3743	1.337 ug/l		93
31) Cyclohexane	5.550	56	7433	1.291 ug/l	#	2
36) 1,1-Dichloropropene	5.550	75	26393	4.512 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	36553	5.535 ug/l	#	16
43) Isopropyl Acetate	6.348	43	26231	2.715 ug/l		97
48) Methyl methacrylate	7.598	41	7226	1.629 ug/l	#	7
49) 1,4-Dioxane	7.799	88	334	2.815 ug/l	#	1
51) 4-Methyl-2-Pentanone	8.549	43	100284	16.177 ug/l	#	44
54) cis-1,3-Dichloropropene	8.549	75	53507	7.419 ug/l	#	70
57) 1,3-Dichloropropane	9.482	76	36410	4.667 ug/l	#	43
58) 2-Chloroethyl Vinyl ether	8.256	63	774	0.235 ug/l		99
59) 2-Hexanone	9.482	43	406600	84.674 ug/l	#	45
76) 1,2,3-Trichloropropane	11.079	75	169709	27.776 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	169709	82.543 ug/l	#	15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
Data File : VX028503.D
Acq On : 03 May 2022 15:52
Operator : JC/MD
Sample : PB144525TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB144525TB

Quant Time: May 04 06:05:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

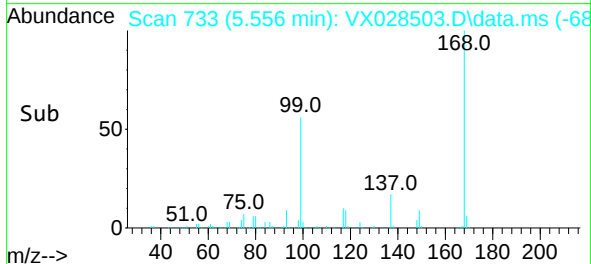
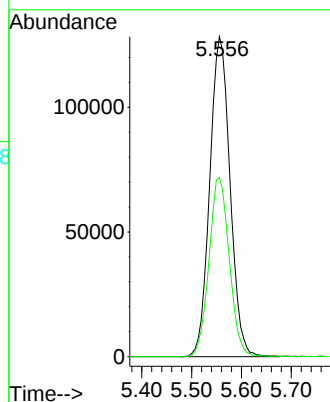
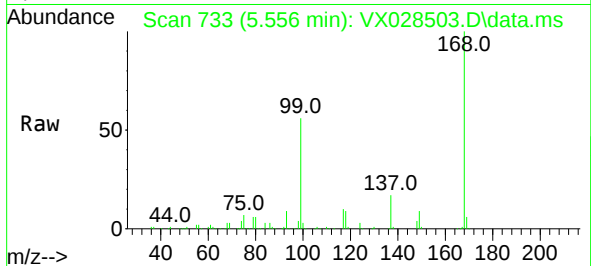




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

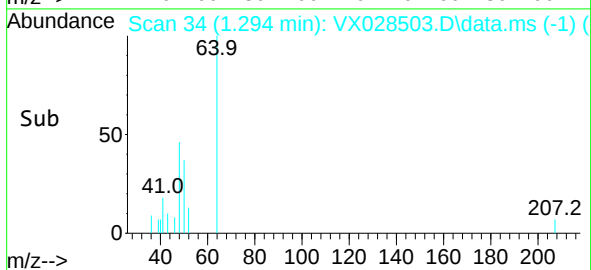
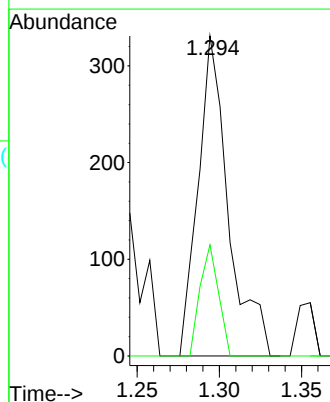
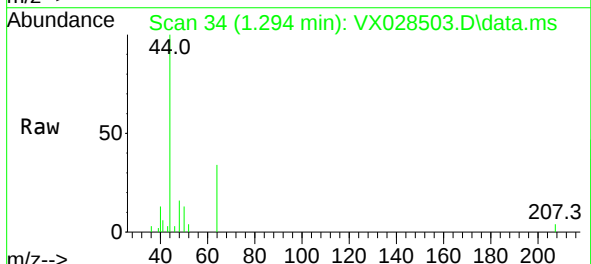
Instrument :
MSVOA_X
ClientSampleId :
PB144525TB

Tgt Ion:168 Resp: 362475
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

Tgt Ion: 50 Resp: 424
Ion Ratio Lower Upper
50 100
52 34.7 26.4 39.6

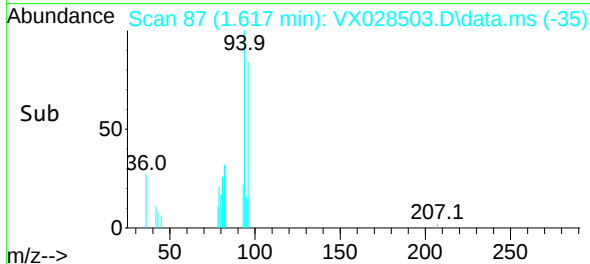
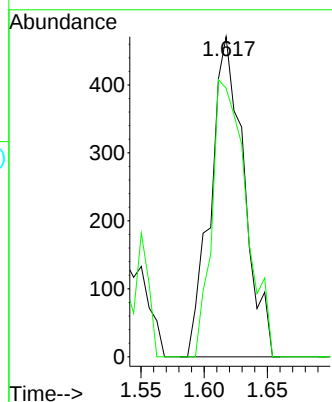
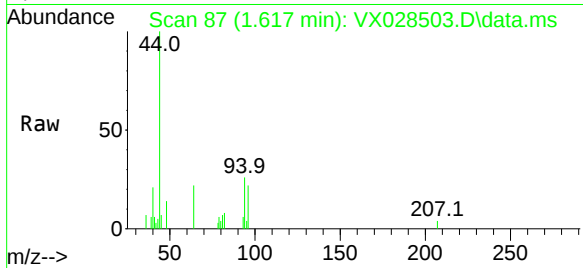




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

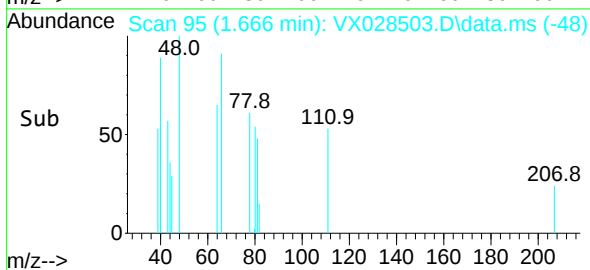
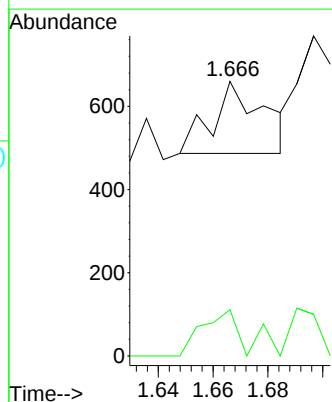
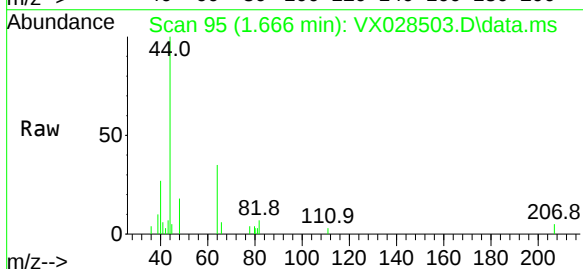
Instrument :
MSVOA_X
ClientSampleId :
PB144525TB

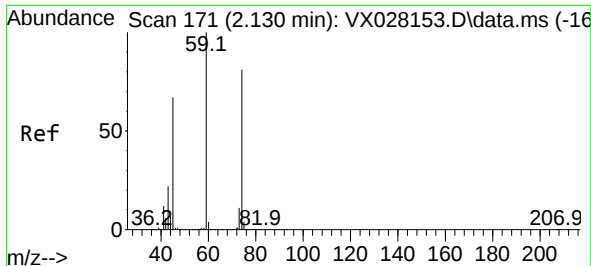
Tgt Ion: 94 Resp: 860
Ion Ratio Lower Upper
94 100
96 83.9 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

Tgt Ion: 64 Resp: 225
Ion Ratio Lower Upper
64 100
66 64.2 25.3 37.9#

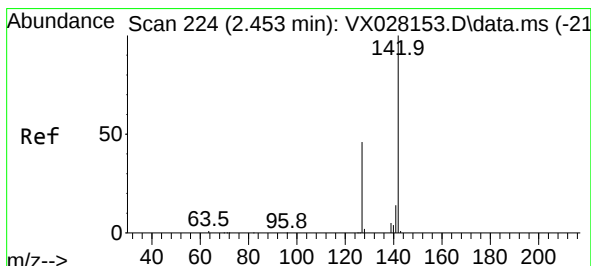
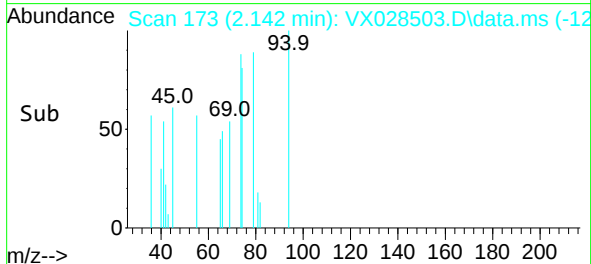
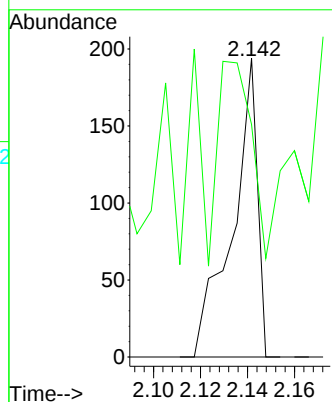
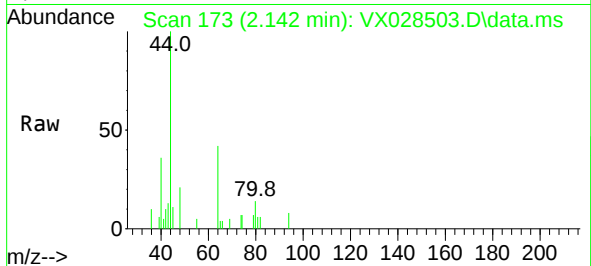




#8
Diethyl Ether
Concen: Below Cal
RT: 2.142 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

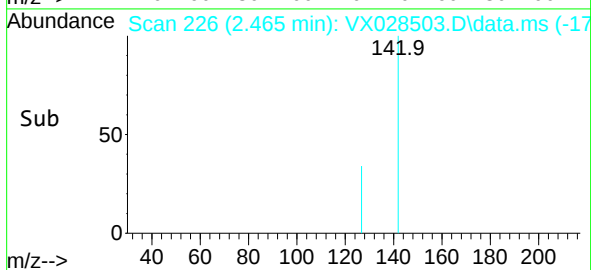
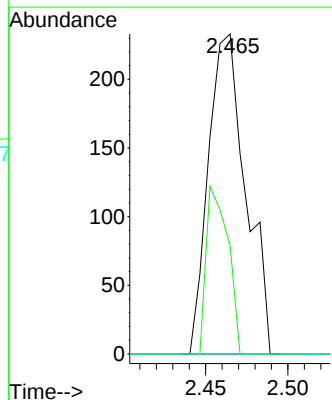
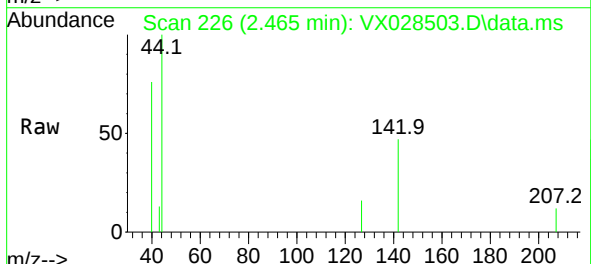
Instrument :
MSVOA_X
ClientSampleId :
PB144525TB

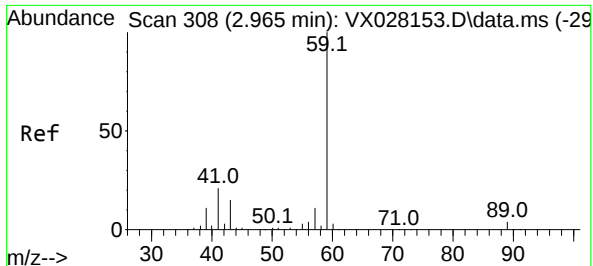
Tgt Ion: 74 Resp: 142
Ion Ratio Lower Upper
74 100
45 154.2 42.0 126.0#



#10
Methyl Iodide
Concen: 5.317 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

Tgt Ion: 142 Resp: 368
Ion Ratio Lower Upper
142 100
127 30.4 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX028503.D

Acq: 03 May 2022 15:52

Instrument :

MSVOA_X

ClientSampleId :

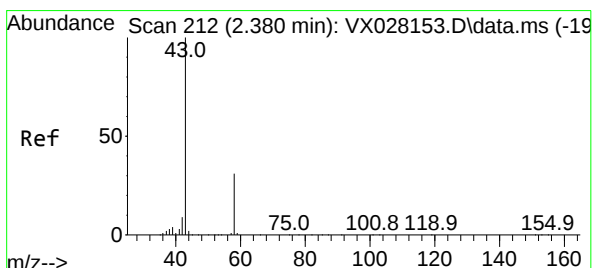
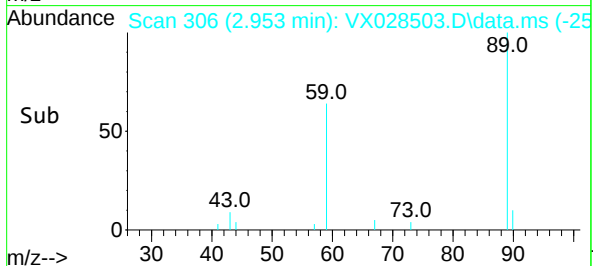
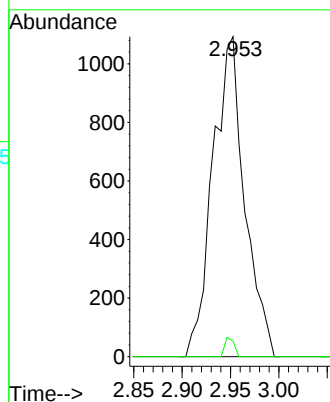
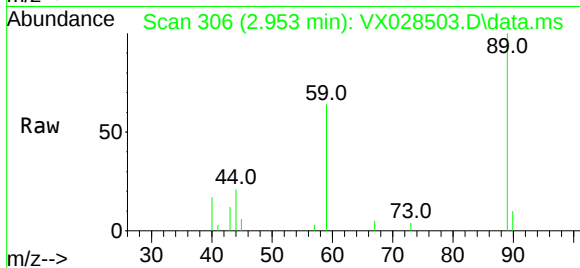
PB144525TB

Tgt Ion: 59 Resp: 2499

Ion Ratio Lower Upper

59 100

57 1.8 8.3 12.5#



#16

Acetone

Concen: 5.518 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX028503.D

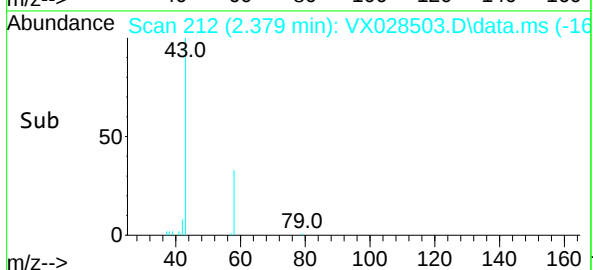
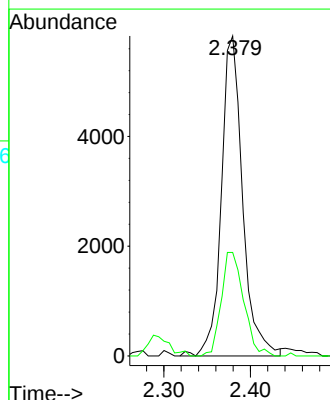
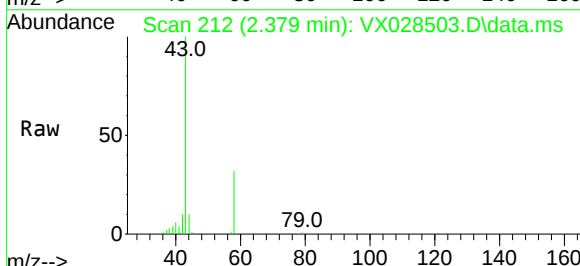
Acq: 03 May 2022 15:52

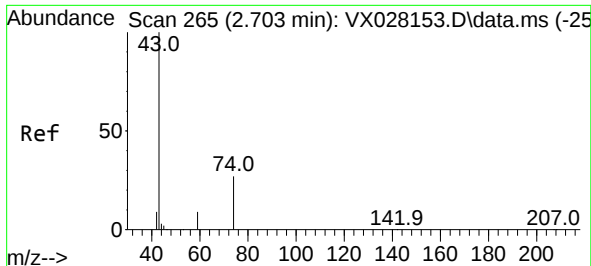
Tgt Ion: 43 Resp: 9936

Ion Ratio Lower Upper

43 100

58 32.3 28.8 43.2

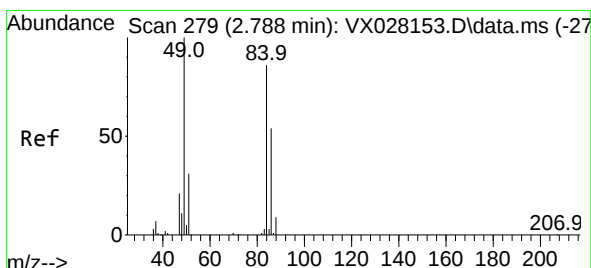
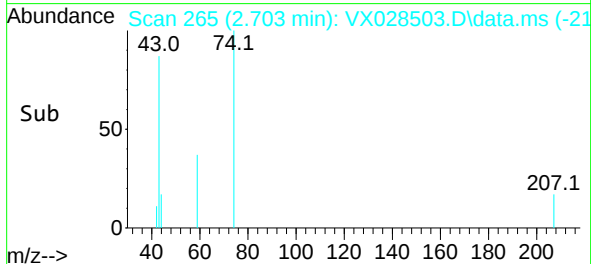
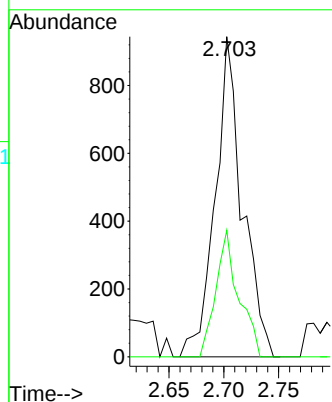
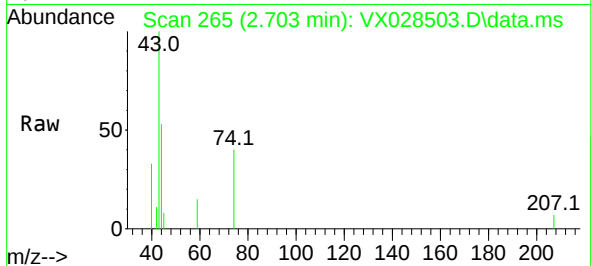




#18
Methyl Acetate
Concen: 0.387 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

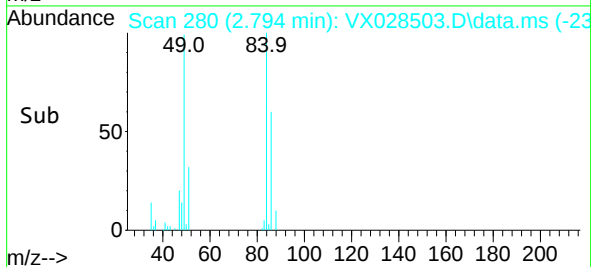
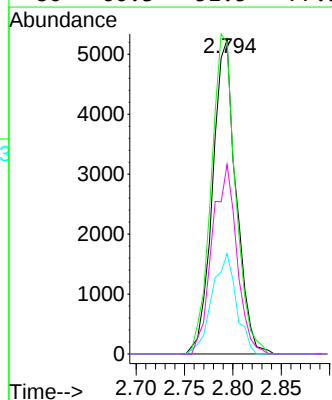
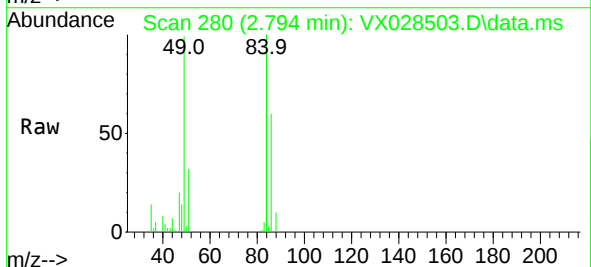
Instrument :
MSVOA_X
ClientSampleId :
PB144525TB

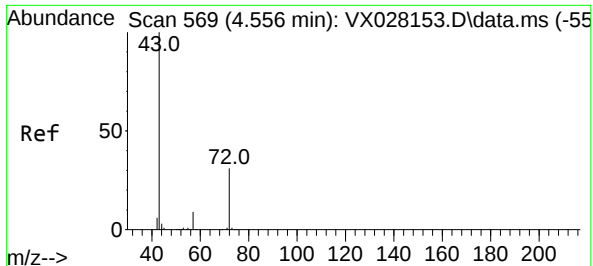
Tgt Ion: 43 Resp: 1627
Ion Ratio Lower Upper
43 100
74 33.1 22.8 34.2



#20
Methylene Chloride
Concen: 2.528 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

Tgt Ion: 84 Resp: 8864
Ion Ratio Lower Upper
84 100
49 99.1 85.5 128.3
51 31.9 26.6 39.8
86 60.3 51.5 77.3





#25

2-Butanone

Concen: 1.337 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX028503.D

Acq: 03 May 2022 15:52

Instrument :

MSVOA_X

ClientSampleId :

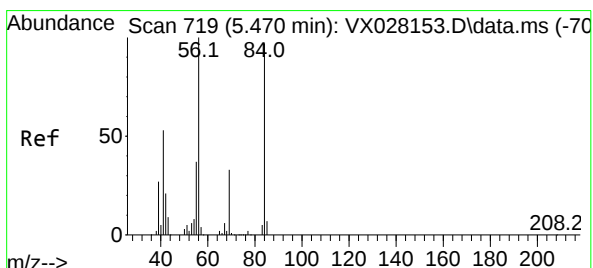
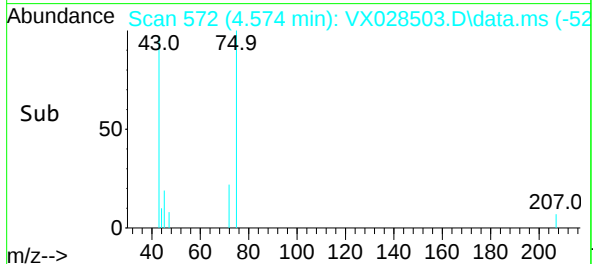
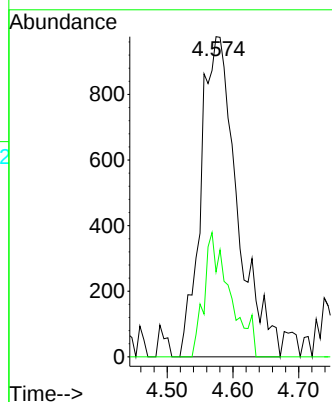
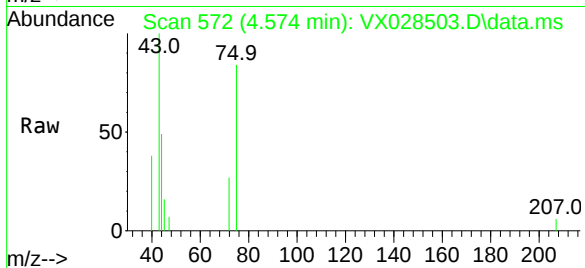
PB144525TB

Tgt Ion: 43 Resp: 3743

Ion Ratio Lower Upper

43 100

72 26.5 24.4 36.6



#31

Cyclohexane

Concen: 1.291 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX028503.D

Acq: 03 May 2022 15:52

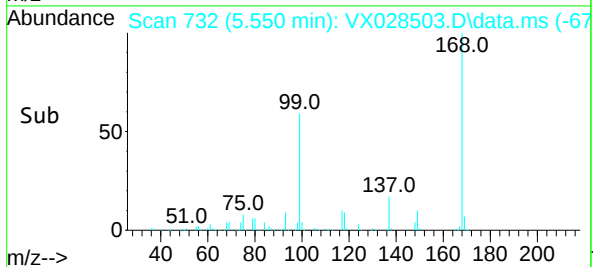
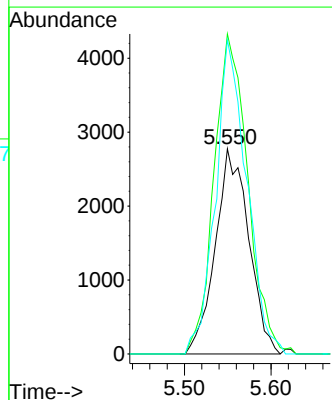
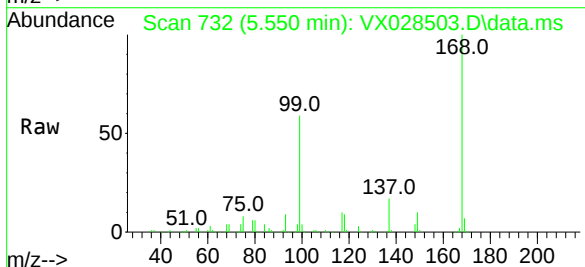
Tgt Ion: 56 Resp: 7433

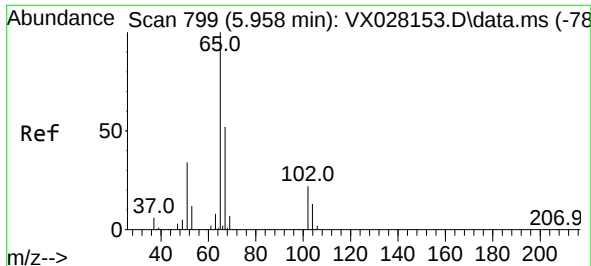
Ion Ratio Lower Upper

56 100

69 156.0 26.7 40.1#

84 153.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 57.194 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028503.D

Acq: 03 May 2022 15:52

Instrument :

MSVOA_X

ClientSampleId :

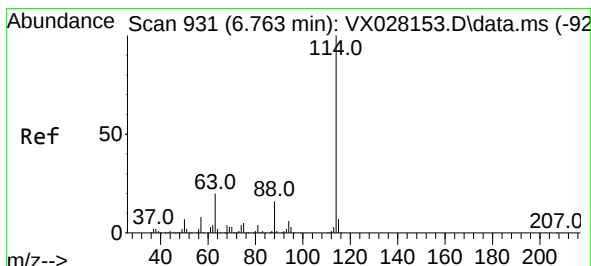
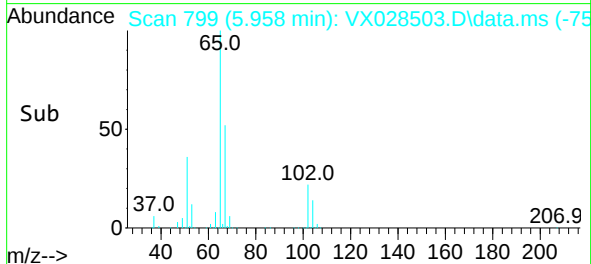
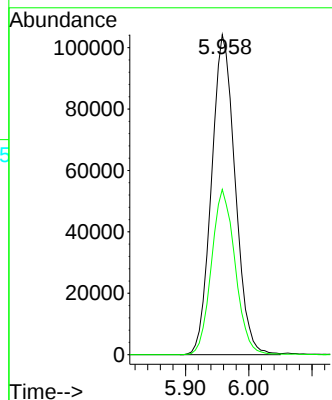
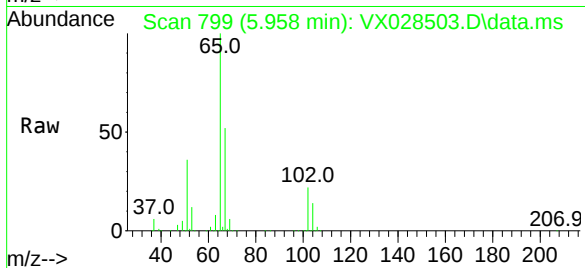
PB144525TB

Tgt Ion: 65 Resp: 270314

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: VX028503.D

Acq: 03 May 2022 15:52

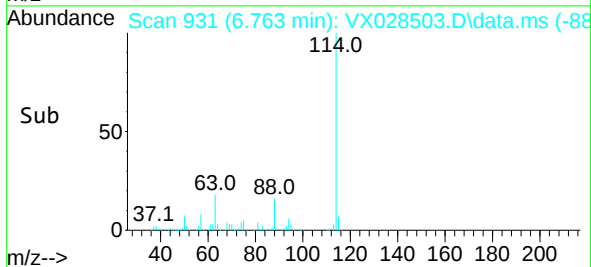
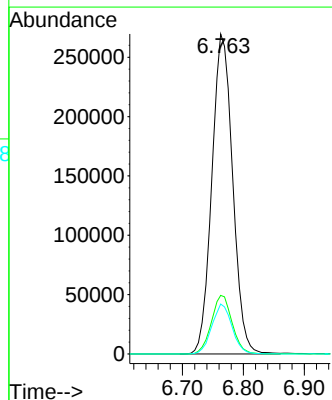
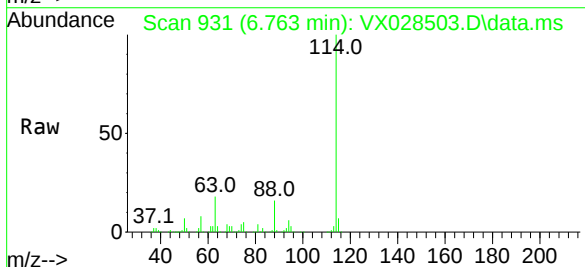
Tgt Ion: 114 Resp: 639474

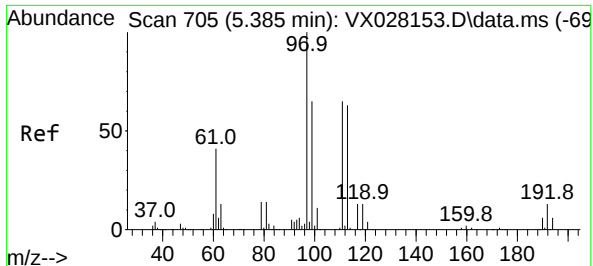
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.198 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028503.D

Acq: 03 May 2022 15:52

Instrument :

MSVOA_X

ClientSampleId :

PB144525TB

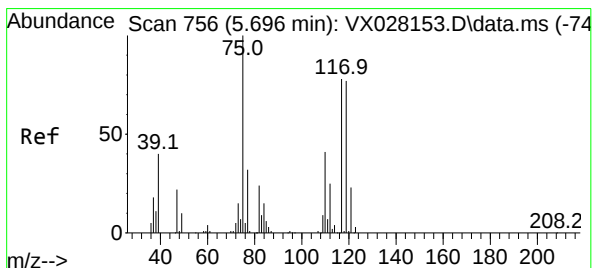
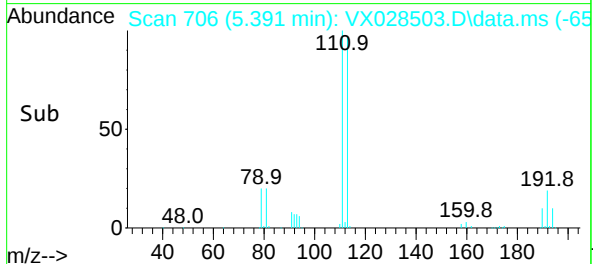
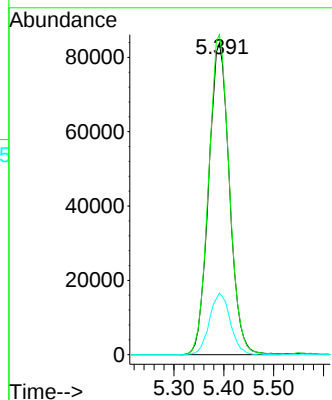
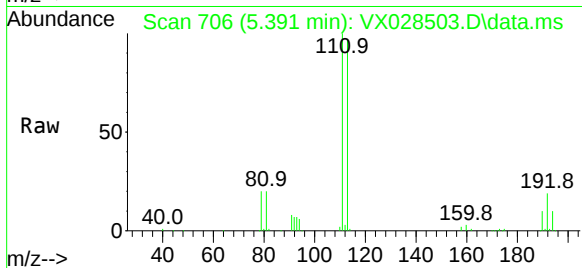
Tgt Ion:113 Resp: 243055

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 19.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.512 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX028503.D

Acq: 03 May 2022 15:52

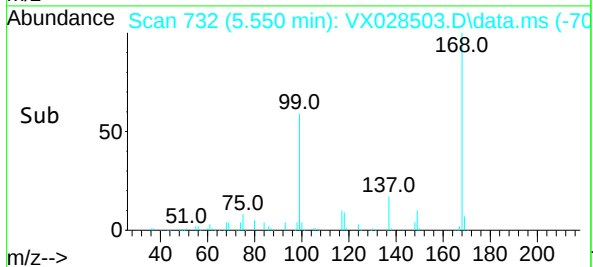
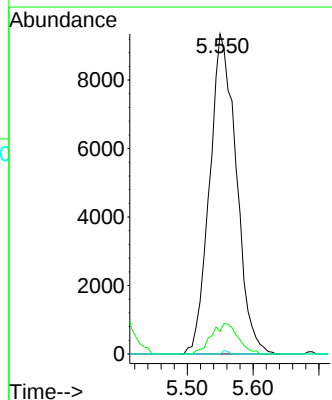
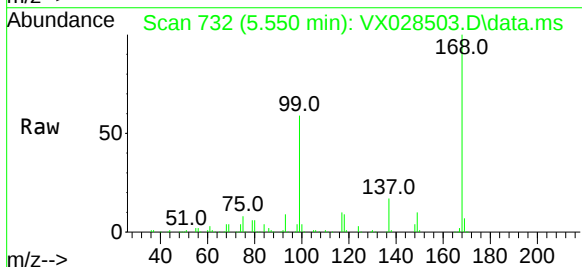
Tgt Ion: 75 Resp: 26393

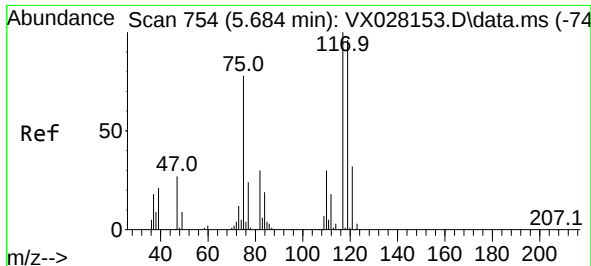
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

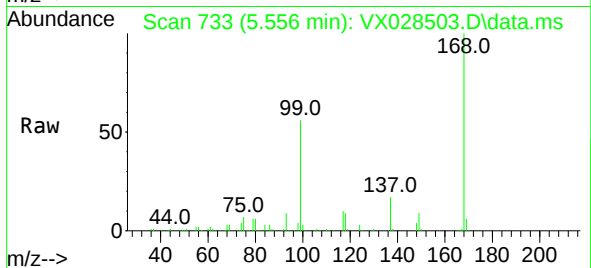
77 0.2 24.8 37.2#



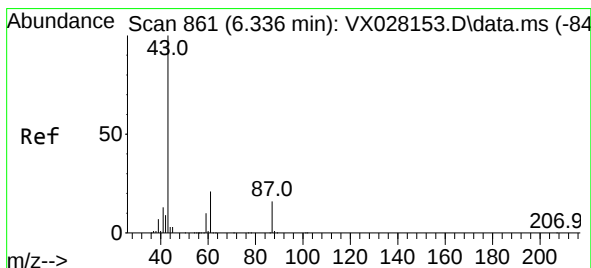
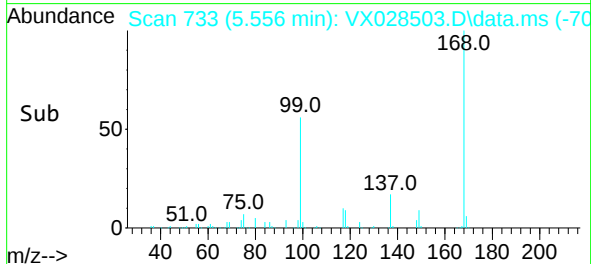
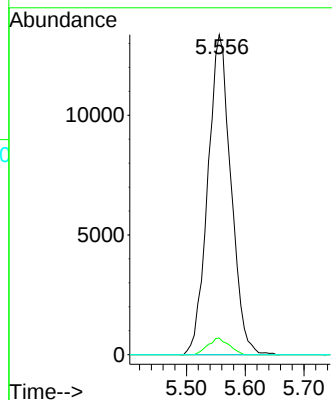


#38
Carbon Tetrachloride
Concen: 5.535 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

Instrument :
MSVOA_X
ClientSampleId :
PB144525TB

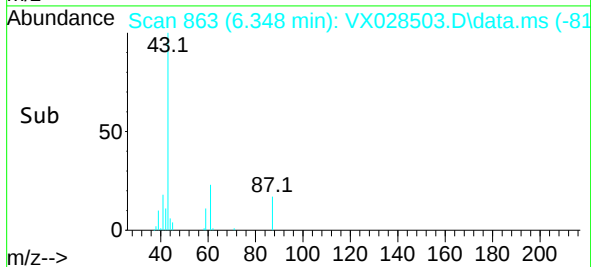
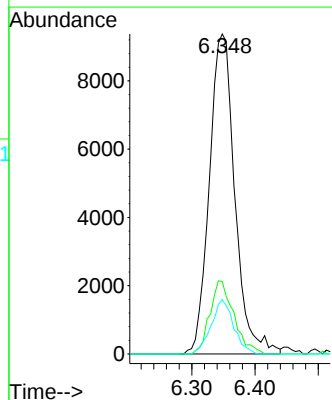
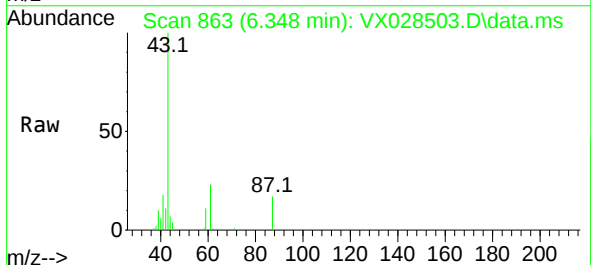


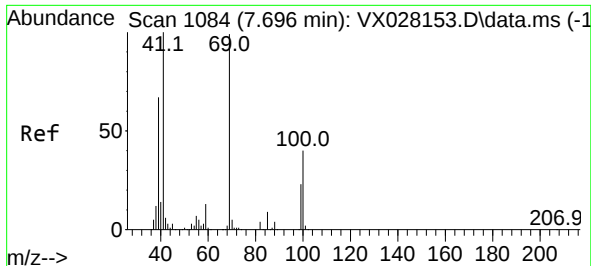
Tgt Ion:117 Resp: 36553
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.715 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

Tgt Ion: 43 Resp: 26231
Ion Ratio Lower Upper
43 100
61 21.5 18.5 27.7
87 15.0 13.0 19.6





#48

Methyl methacrylate

Concen: 1.629 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.098 min

Lab File: VX028503.D

Acq: 03 May 2022 15:52

Instrument :

MSVOA_X

ClientSampleId :

PB144525TB

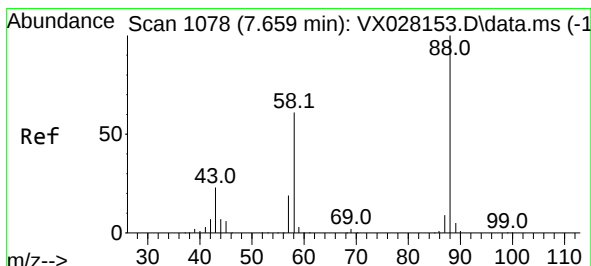
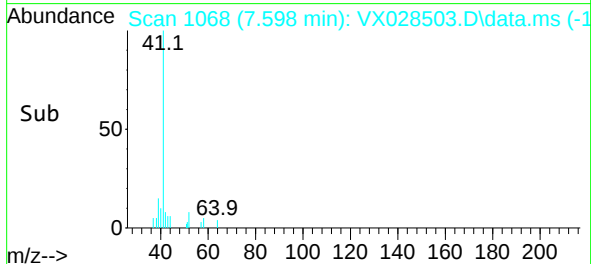
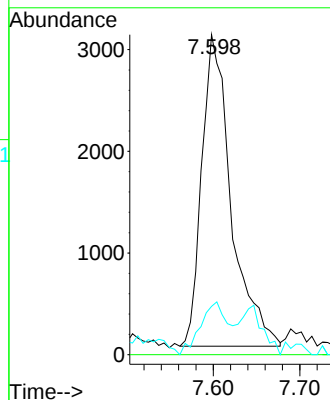
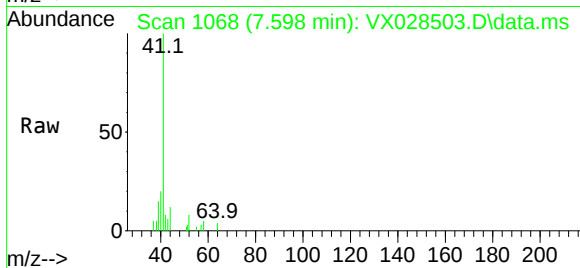
Tgt Ion: 41 Resp: 7226

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: 2.815 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.140 min

Lab File: VX028503.D

Acq: 03 May 2022 15:52

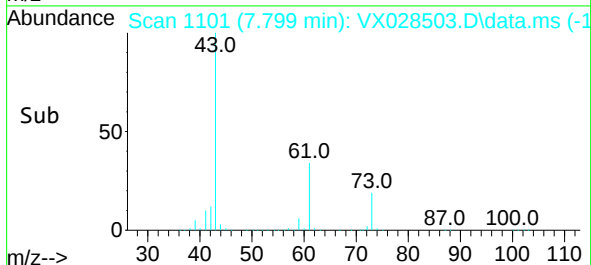
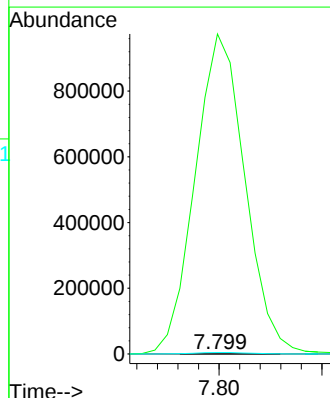
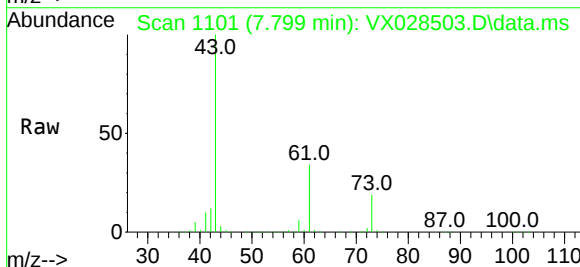
Tgt Ion: 88 Resp: 334

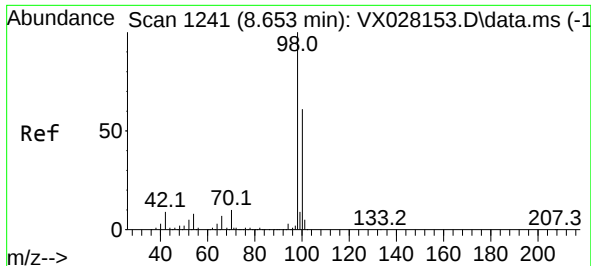
Ion Ratio Lower Upper

88 100

43 494641.9 21.9 32.9#

58 2447.6 53.7 80.5#

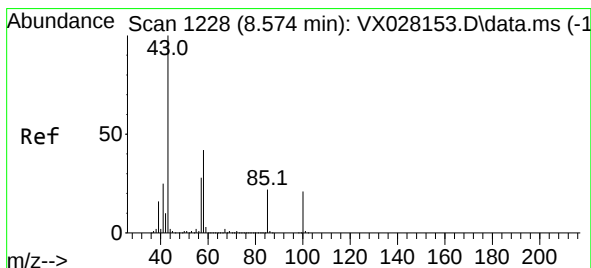
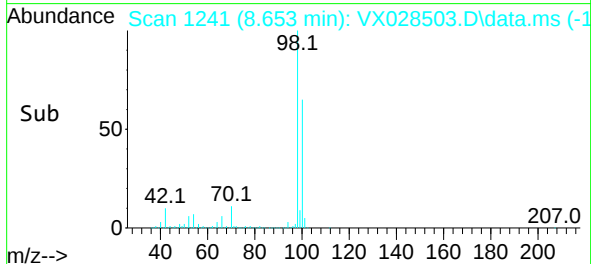
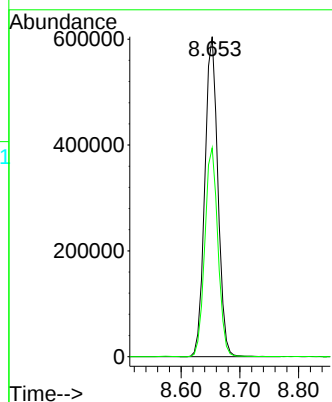
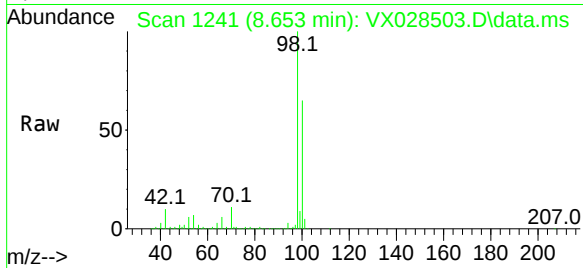




#50
Toluene-d8
Concen: 54.277 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

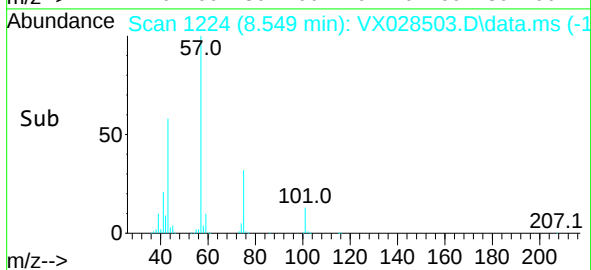
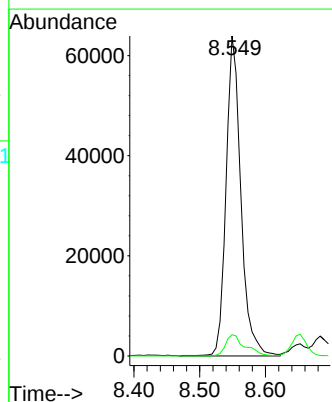
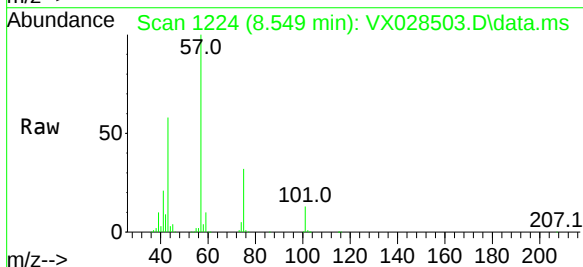
Instrument :
MSVOA_X
ClientSampleId :
PB144525TB

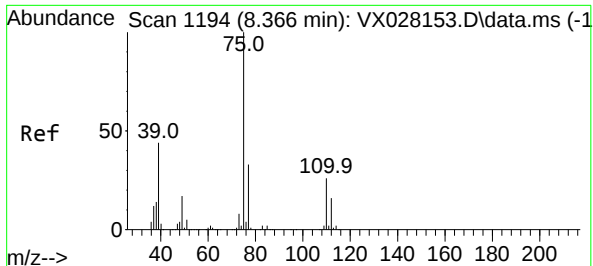
Tgt Ion: 98 Resp: 934888
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 16.177 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

Tgt Ion: 43 Resp: 100284
Ion Ratio Lower Upper
43 100
58 8.7 36.1 54.1#

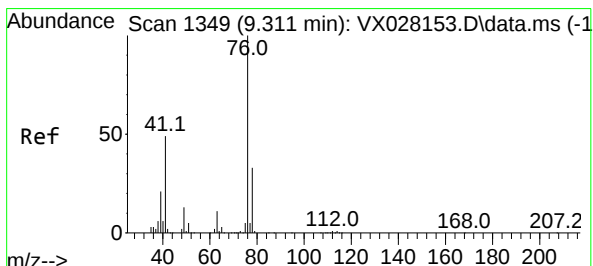
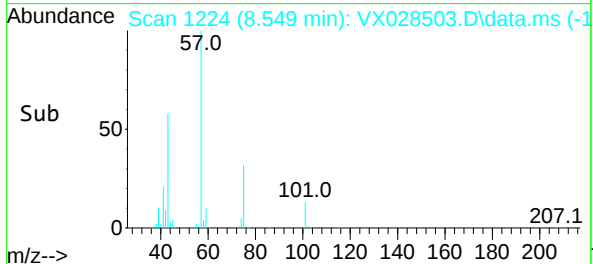
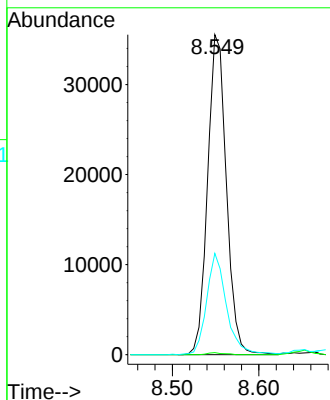
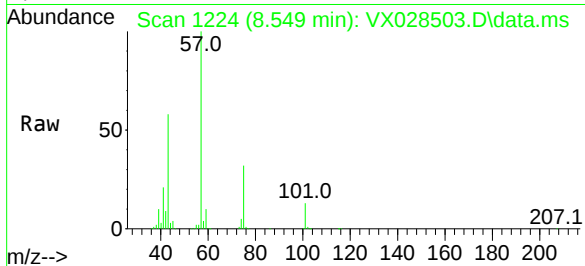




#54
 cis-1,3-Dichloropropene
 Concen: 7.419 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028503.D
 Acq: 03 May 2022 15:52

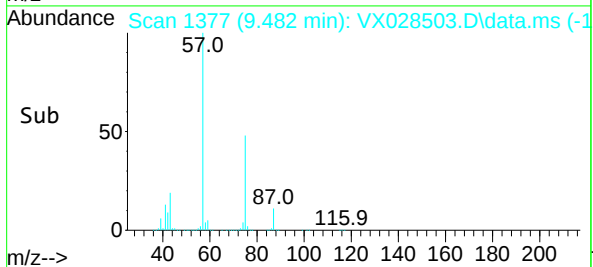
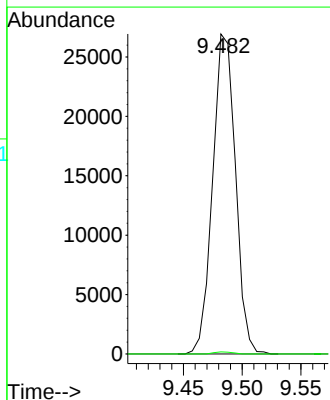
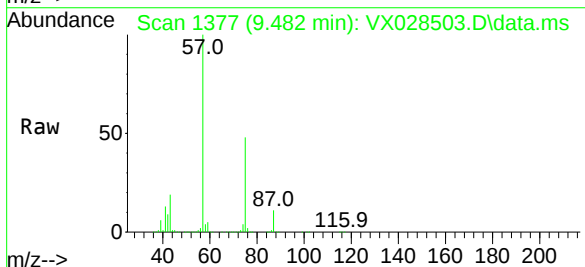
Instrument :
 MSVOA_X
 ClientSampleId :
 PB144525TB

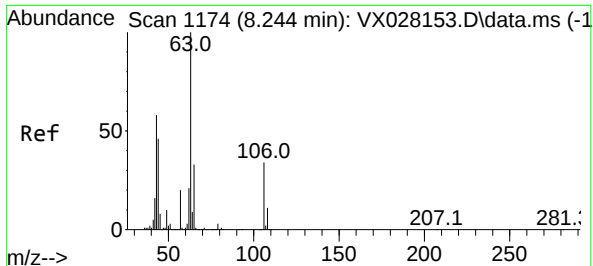
Tgt Ion: 75 Resp: 53507
 Ion Ratio Lower Upper
 75 100
 77 0.7 24.8 37.2#
 39 31.7 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 4.667 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028503.D
 Acq: 03 May 2022 15:52

Tgt Ion: 76 Resp: 36410
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.8 38.8#

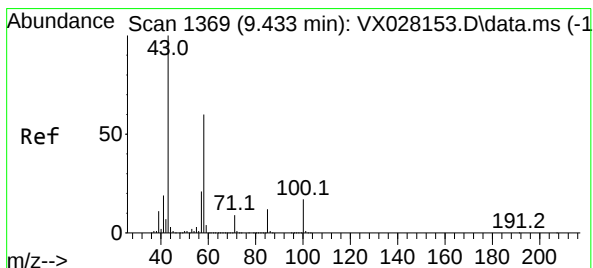
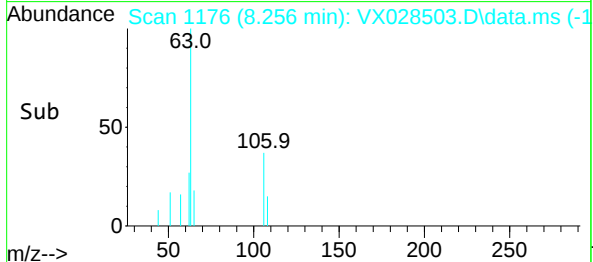
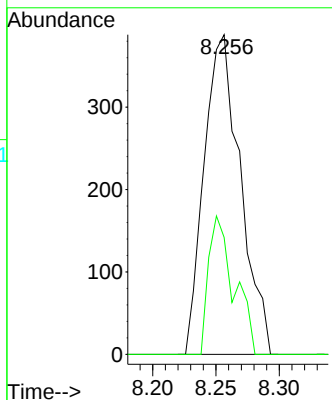
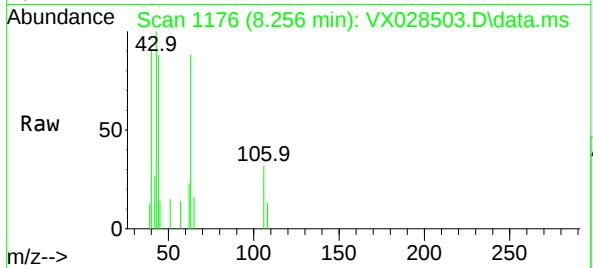




#58
2-Chloroethyl Vinyl ether
Concen: 0.235 ug/l
RT: 8.256 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

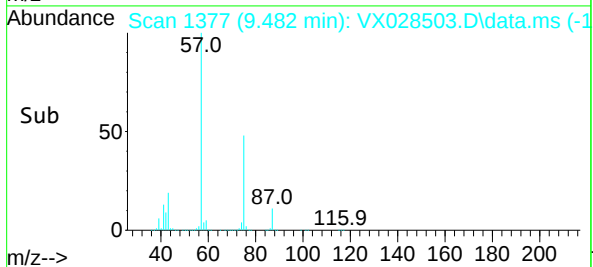
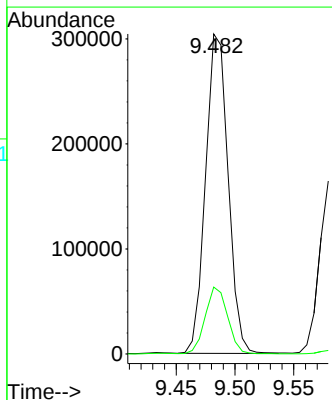
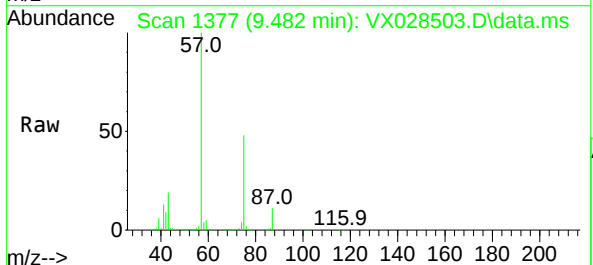
Instrument :
MSVOA_X
ClientSampleId :
PB144525TB

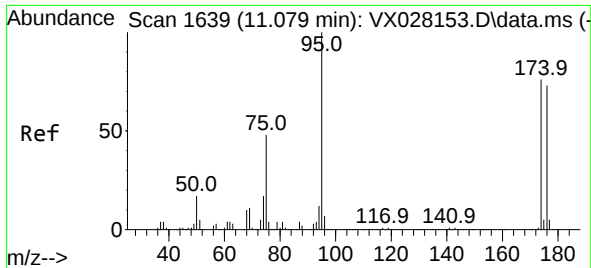
Tgt Ion: 63 Resp: 774
Ion Ratio Lower Upper
63 100
106 30.4 23.9 35.9



#59
2-Hexanone
Concen: 84.674 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

Tgt Ion: 43 Resp: 406600
Ion Ratio Lower Upper
43 100
58 20.7 31.9 95.7#

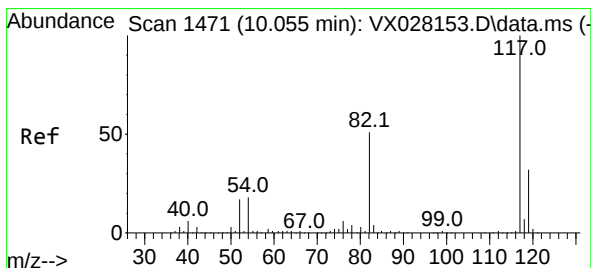
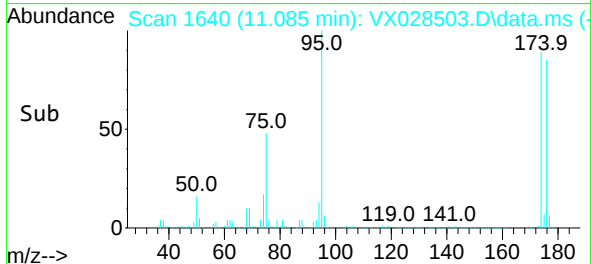
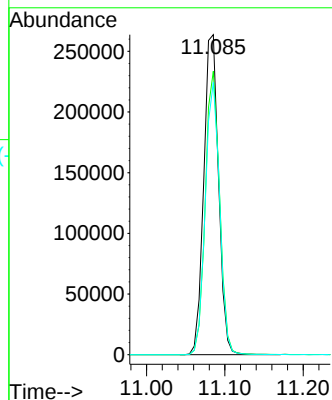
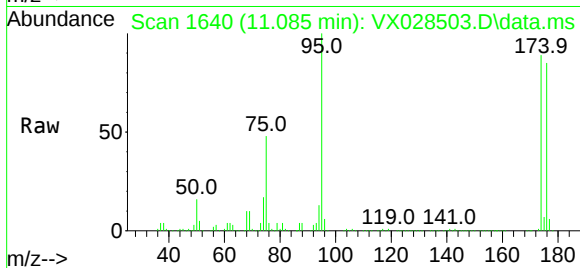




#62
4-Bromofluorobenzene
Concen: 52.439 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

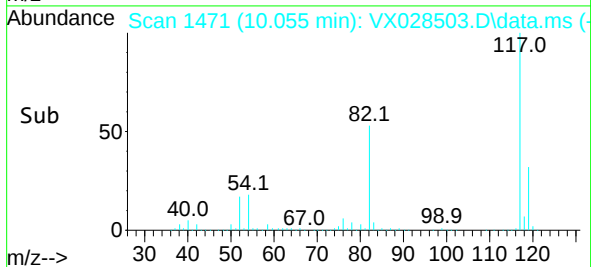
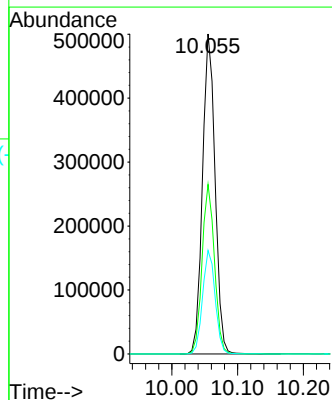
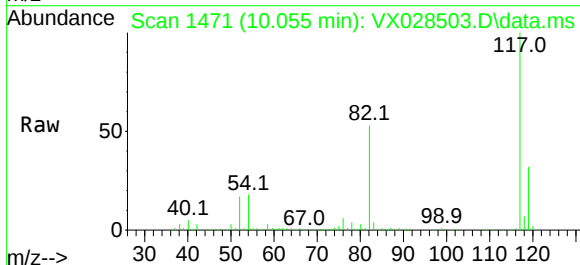
Instrument :
MSVOA_X
ClientSampleId :
PB144525TB

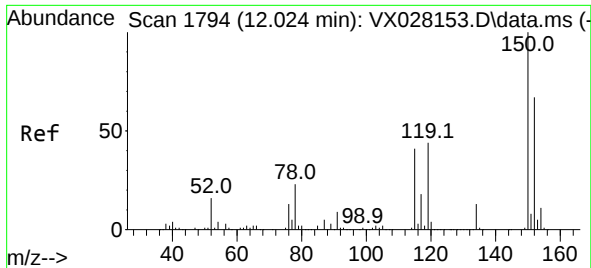
Tgt Ion: 95 Resp: 345356
Ion Ratio Lower Upper
95 100
174 85.5 0.0 163.0
176 83.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

Tgt Ion: 117 Resp: 666061
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 32.4 24.8 37.2

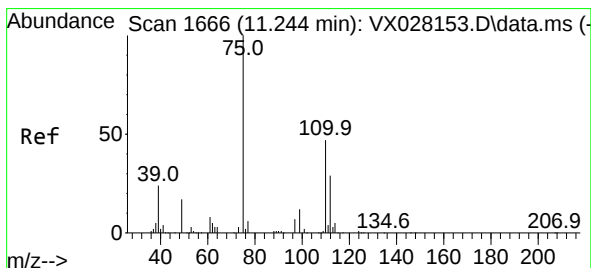
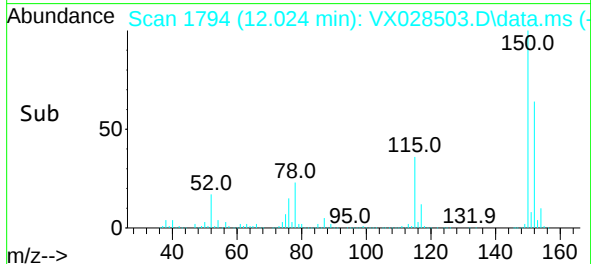
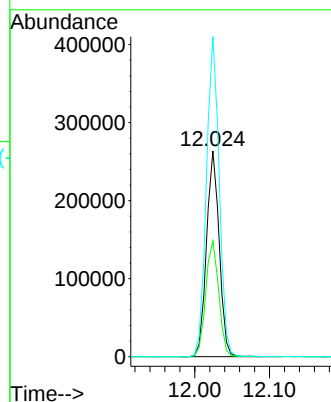
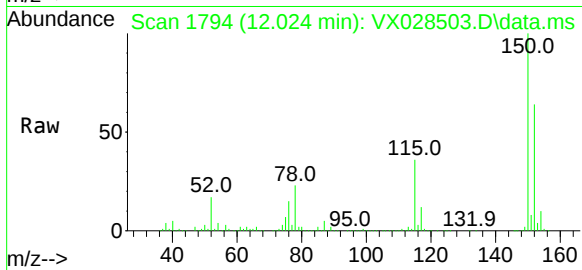




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

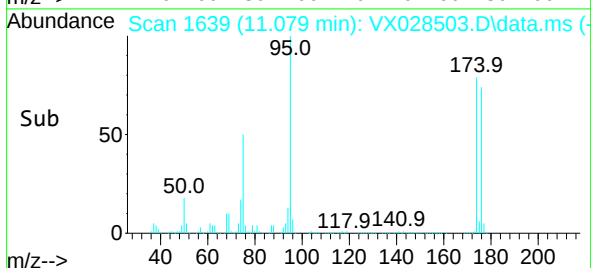
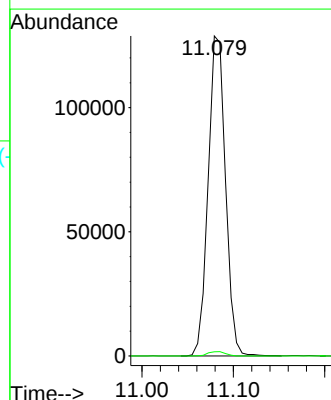
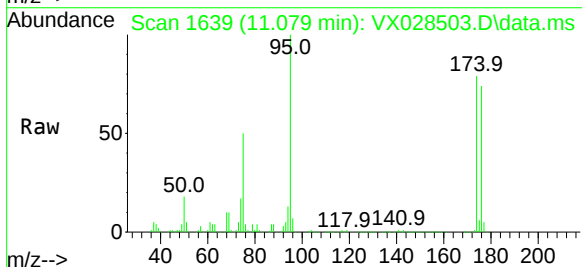
Instrument :
MSVOA_X
ClientSampleId :
PB144525TB

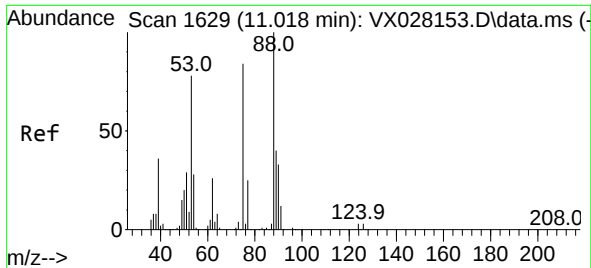
Tgt Ion:152 Resp: 310452
Ion Ratio Lower Upper
152 100
115 57.6 37.5 112.7
150 156.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 27.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028503.D
Acq: 03 May 2022 15:52

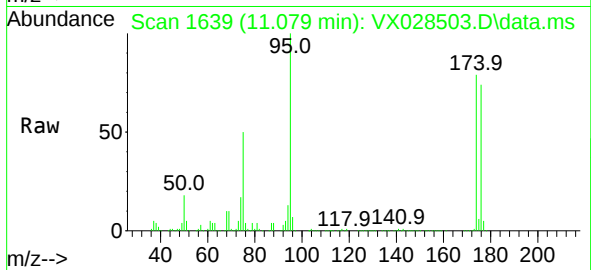
Tgt Ion: 75 Resp: 169709
Ion Ratio Lower Upper
75 100
77 1.4 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.543 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028503.D
 Acq: 03 May 2022 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144525TB



Tgt Ion: 75 Resp: 169709
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

