

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028510.D
 Acq On : 03 May 2022 18:36
 Operator : JC/MD
 Sample : N2663-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-25

Quant Time: May 04 06:07:46 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)

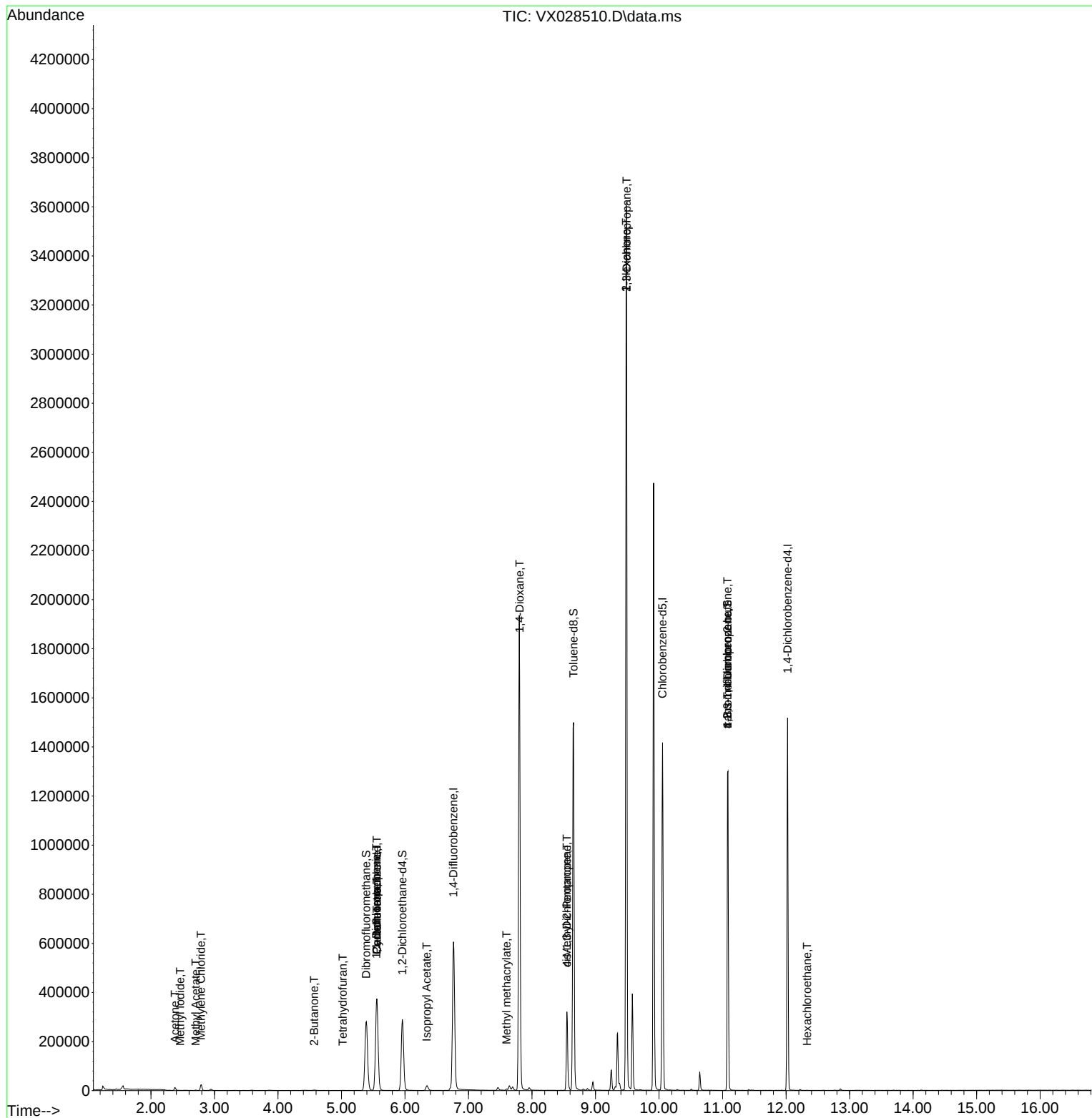
Internal Standards						
1) Pentafluorobenzene	5.556	168	362336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	647860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	664248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	312400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	274439	58.089	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.180%	
35) Dibromofluoromethane	5.385	113	248192	54.627	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.260%	
50) Toluene-d8	8.653	98	935238	53.595	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.180%	
62) 4-Bromofluorobenzene	11.079	95	344519	51.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	371	Below Cal	#	71
5) Bromomethane	1.612	94	830	Below Cal		83
6) Chloroethane	1.758	64	280	Below Cal	#	43
8) Diethyl Ether	2.130	74	26	Below Cal	#	1
10) Methyl Iodide	2.459	142	200	5.279	ug/l #	90
11) Tert butyl alcohol	2.941	59	2707	Below Cal	#	75
16) Acetone	2.380	43	13179	7.781	ug/l	100
18) Methyl Acetate	2.703	43	2151	0.512	ug/l #	88
20) Methylene Chloride	2.788	84	11334	3.233	ug/l	96
25) 2-Butanone	4.568	43	2307	0.825	ug/l	95
29) Tetrahydrofuran	5.019	42	643	0.352	ug/l #	28
31) Cyclohexane	5.556	56	7202	1.251	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	26484	4.469	ug/l #	50
38) Carbon Tetrachloride	5.556	117	36167	5.406	ug/l #	15
43) Isopropyl Acetate	6.342	43	26802	2.739	ug/l	96
48) Methyl methacrylate	7.598	41	8530	1.898	ug/l #	7
49) 1,4-Dioxane	7.806	88	400	3.328	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	101027	16.086	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	54974	7.524	ug/l #	70
57) 1,3-Dichloropropane	9.488	76	34992	4.427	ug/l #	43
59) 2-Hexanone	9.482	43	397300	81.666	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	170951	27.805	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	170951	82.629	ug/l #	15
90) Hexachloroethane	12.329	117	73	1.834	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
Data File : VX028510.D
Acq On : 03 May 2022 18:36
Operator : JC/MD
Sample : N2663-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-25

Quant Time: May 04 06:07:46 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

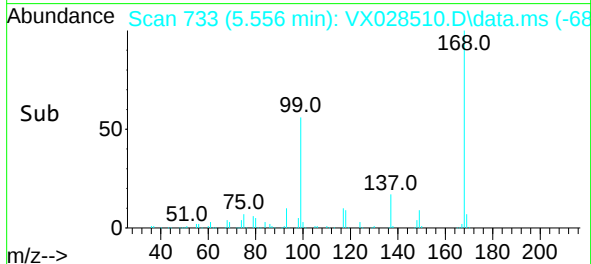
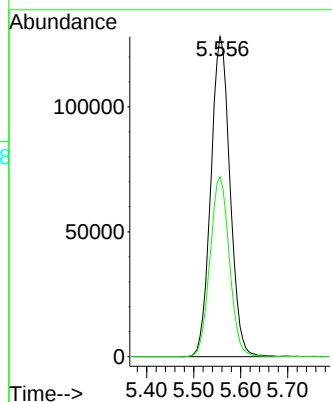
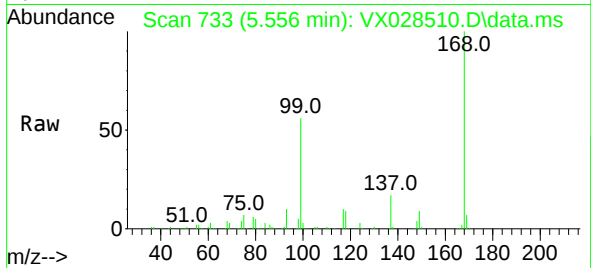




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

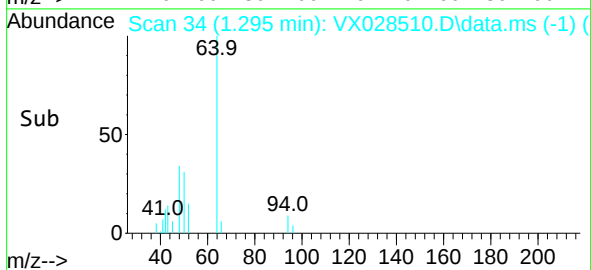
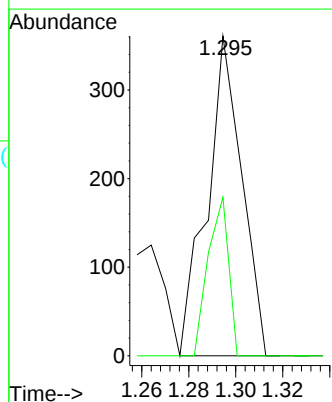
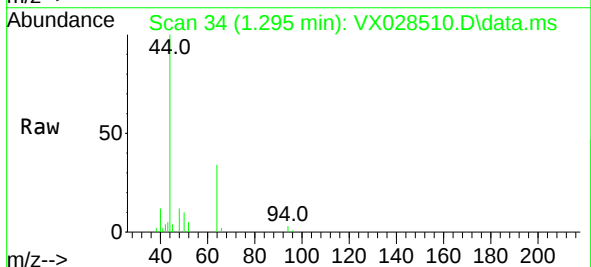
Instrument :
MSVOA_X
ClientSampleId :
TP-25

Tgt Ion:168 Resp: 362336
Ion Ratio Lower Upper
168 100
99 56.1 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion: 50 Resp: 371
Ion Ratio Lower Upper
50 100
52 49.6 26.4 39.6#

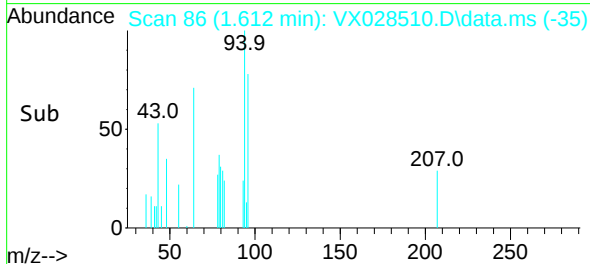
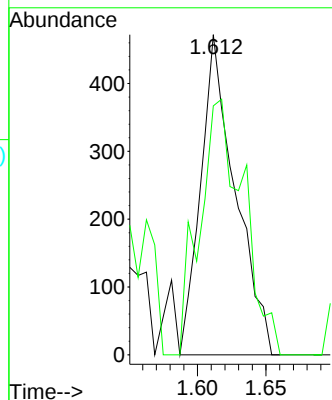
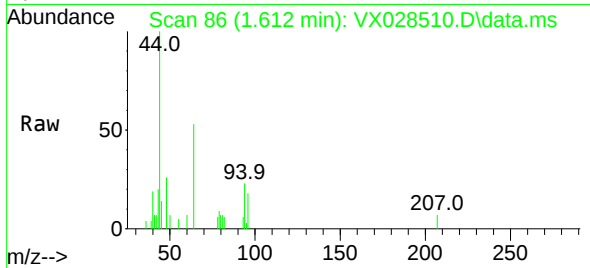




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

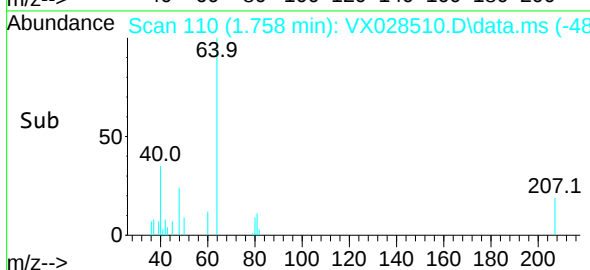
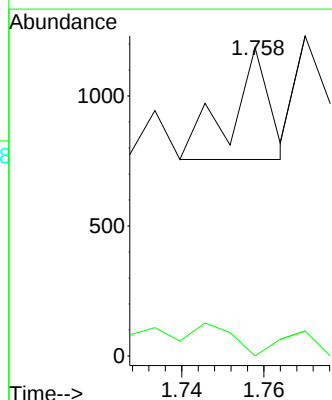
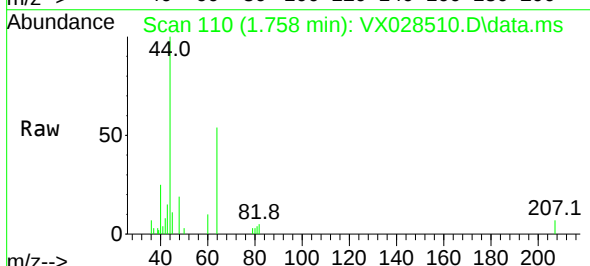
Instrument :
MSVOA_X
ClientSampleId :
TP-25

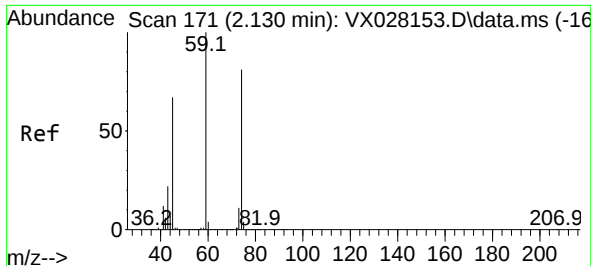
Tgt Ion: 94 Resp: 830
Ion Ratio Lower Upper
94 100
96 77.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.758 min Scan# 110
Delta R.T. 0.080 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

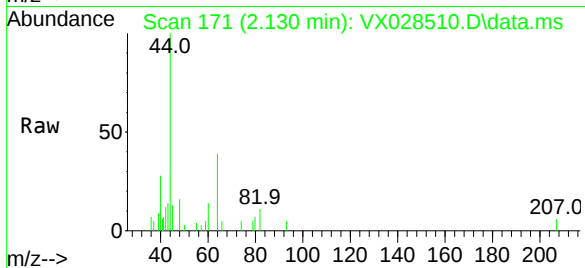
Tgt Ion: 64 Resp: 280
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



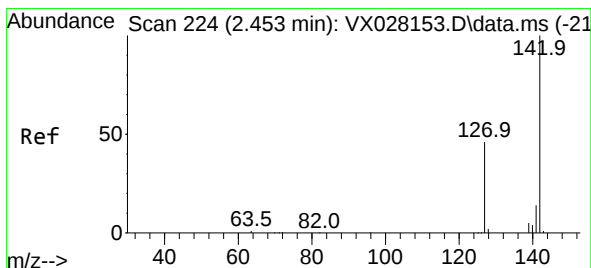
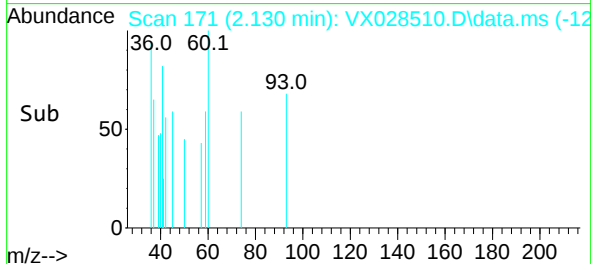
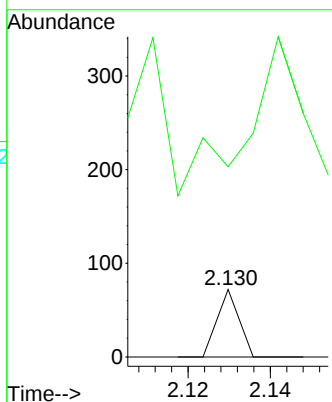


#8
Diethyl Ether
Concen: Below Cal
RT: 2.130 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Instrument :
MSVOA_X
ClientSampleId :
TP-25

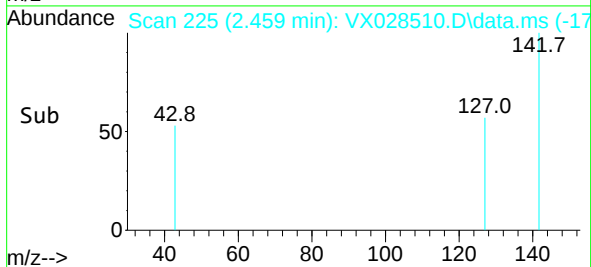
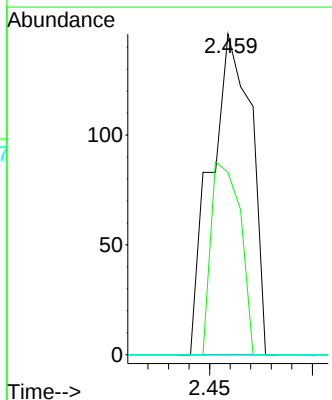
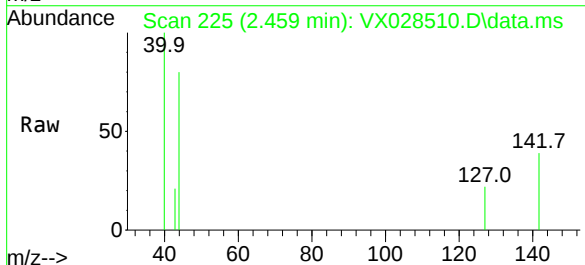


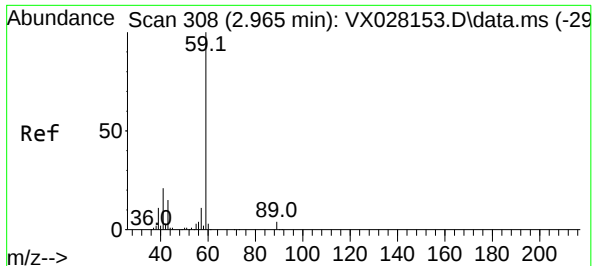
Tgt Ion: 74 Resp: 26
Ion Ratio Lower Upper
74 100
45 384.6 42.0 126.0#



#10
Methyl Iodide
Concen: 5.279 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion: 142 Resp: 200
Ion Ratio Lower Upper
142 100
127 43.5 33.9 50.9
141 0.0 11.4 17.2#

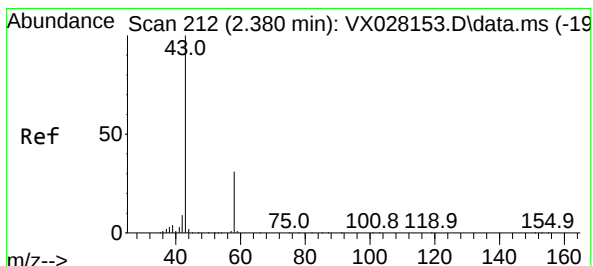
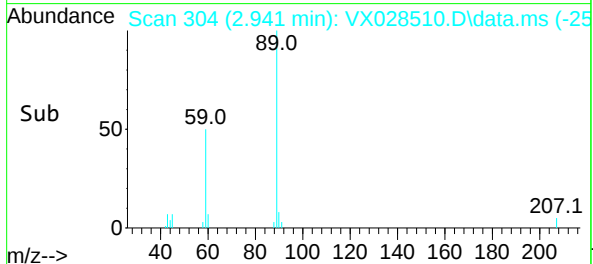
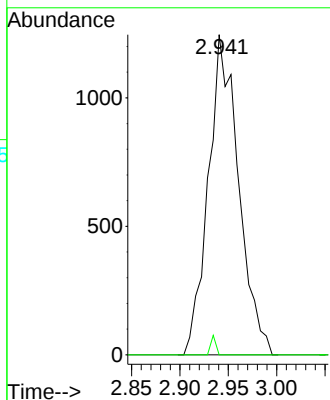
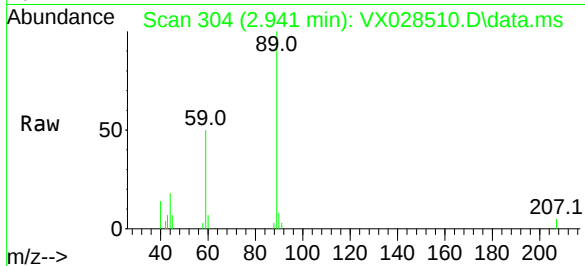




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

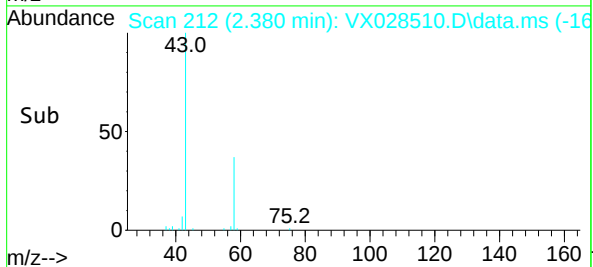
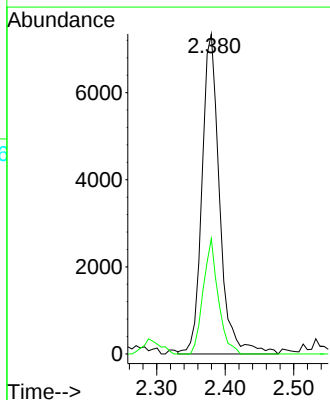
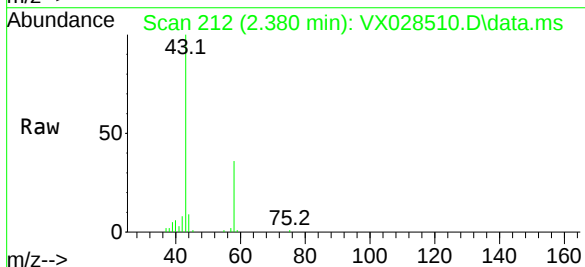
Instrument :
MSVOA_X
ClientSampleId :
TP-25

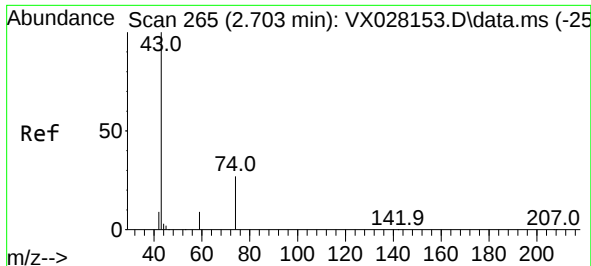
Tgt Ion: 59 Resp: 2707
Ion Ratio Lower Upper
59 100
57 1.0 8.3 12.5#



#16
Acetone
Concen: 7.781 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion: 43 Resp: 13179
Ion Ratio Lower Upper
43 100
58 36.1 28.8 43.2

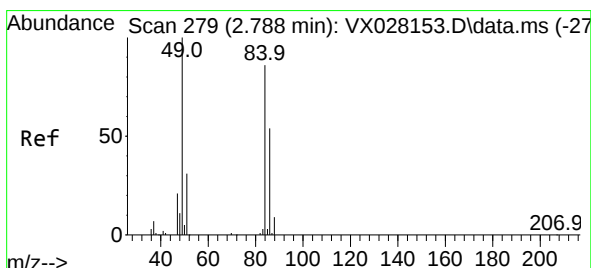
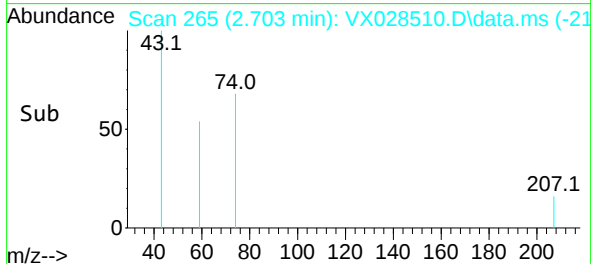
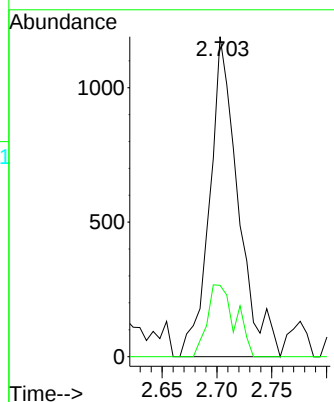
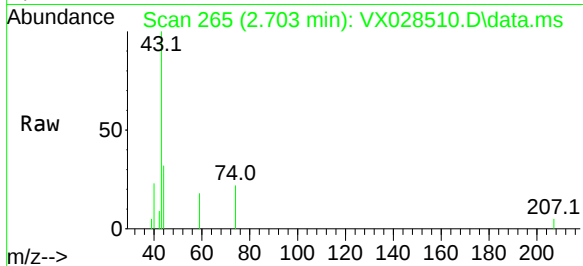




#18
Methyl Acetate
Concen: 0.512 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

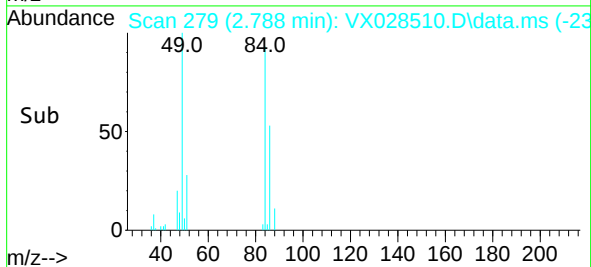
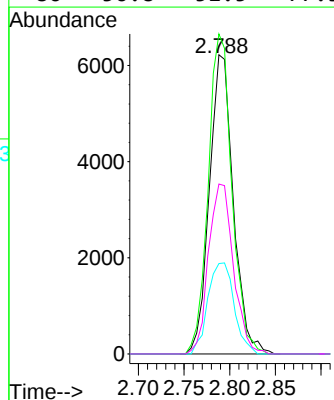
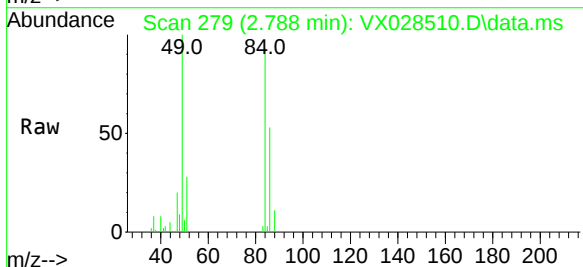
Instrument :
MSVOA_X
ClientSampleId :
TP-25

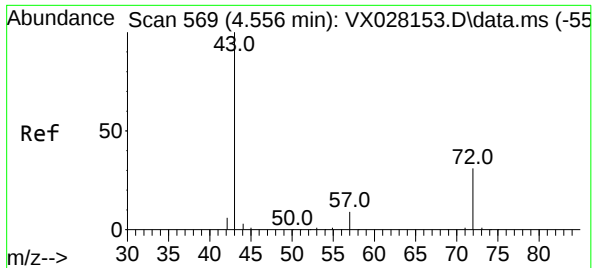
Tgt Ion: 43 Resp: 2151
Ion Ratio Lower Upper
43 100
74 21.9 22.8 34.2#



#20
Methylene Chloride
Concen: 3.233 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion: 84 Resp: 11334
Ion Ratio Lower Upper
84 100
49 107.0 85.5 128.3
51 30.2 26.6 39.8
86 56.8 51.5 77.3

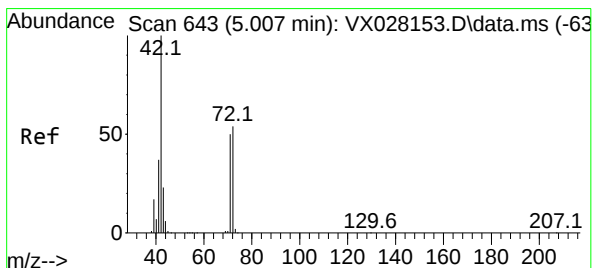
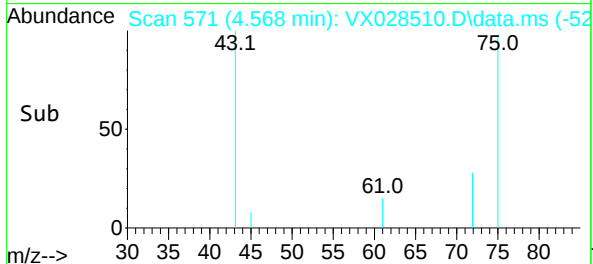
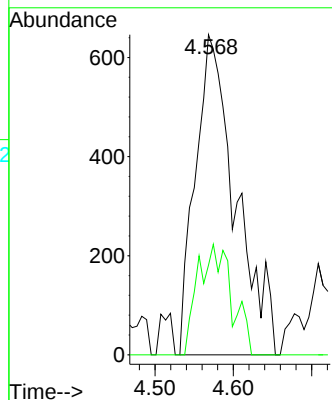
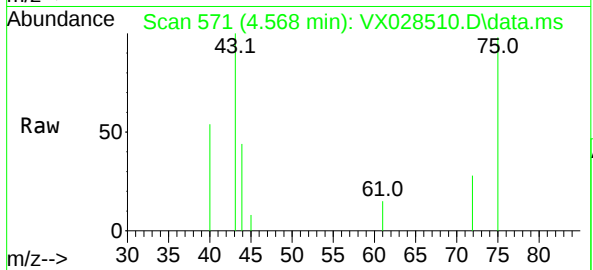




#25
2-Butanone
Concen: 0.825 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

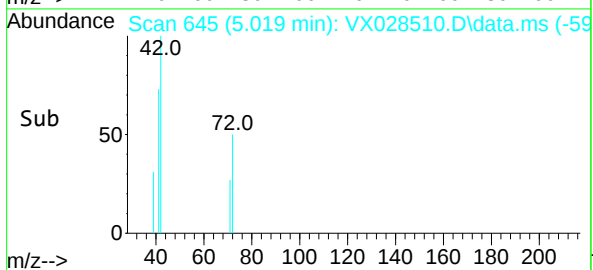
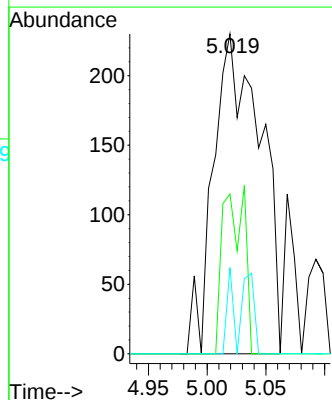
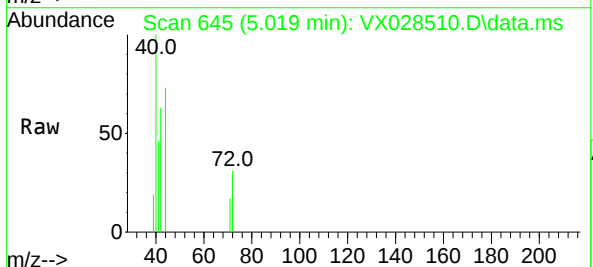
Instrument :
MSVOA_X
ClientSampleId :
TP-25

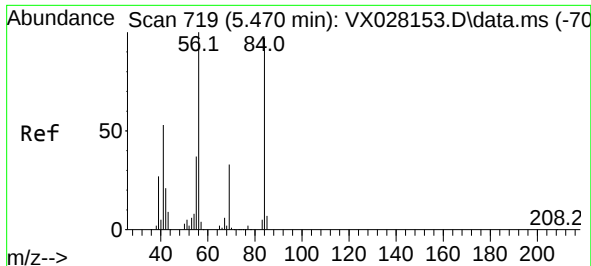
Tgt Ion: 43 Resp: 2307
Ion Ratio Lower Upper
43 100
72 28.0 24.4 36.6



#29
Tetrahydrofuran
Concen: 0.352 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion: 42 Resp: 643
Ion Ratio Lower Upper
42 100
72 0.0 44.1 66.1#
71 3.6 40.5 60.7#

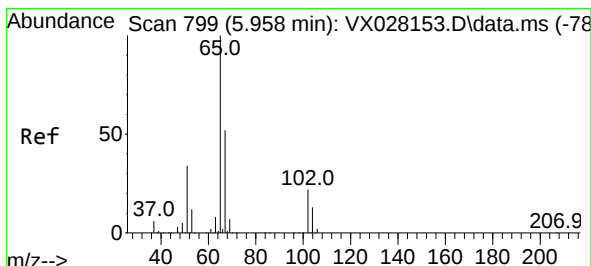
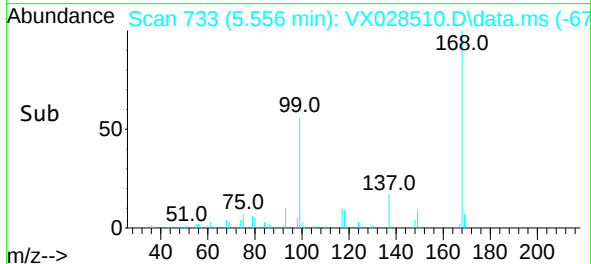
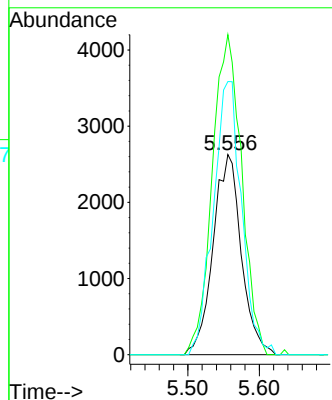
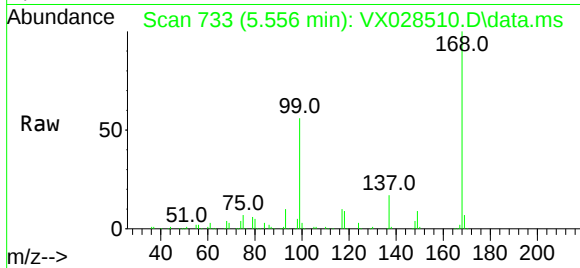




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

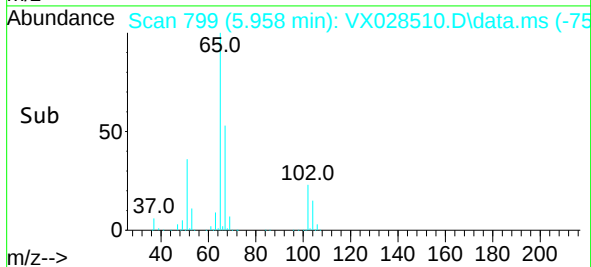
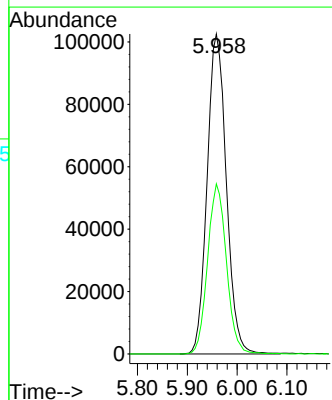
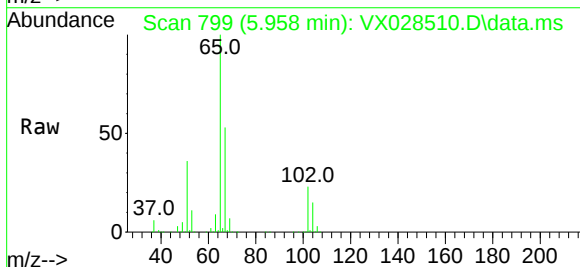
Instrument :
MSVOA_X
ClientSampleId :
TP-25

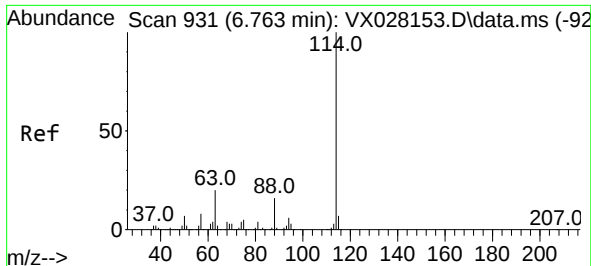
Tgt Ion: 56 Resp: 7202
Ion Ratio Lower Upper
56 100
69 159.9 26.7 40.1#
84 136.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 58.089 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion: 65 Resp: 274439
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

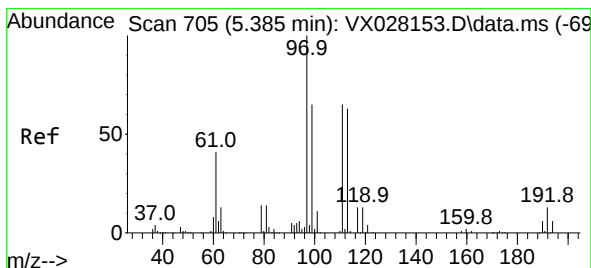
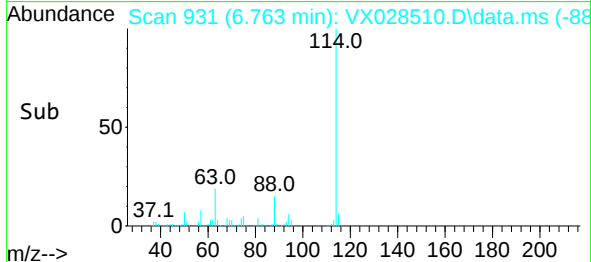
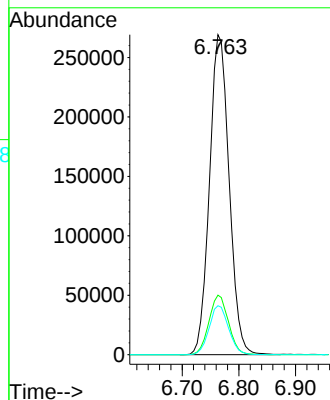
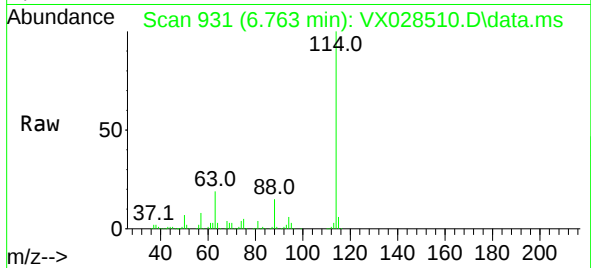




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

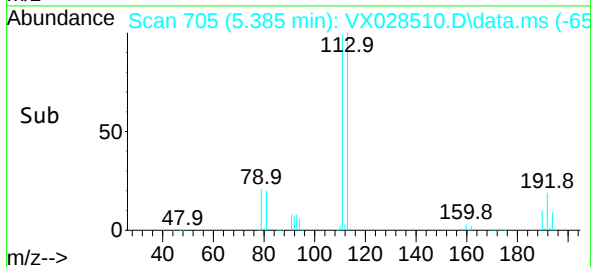
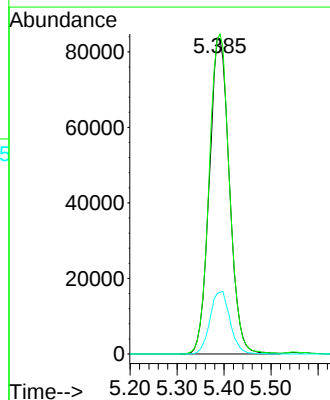
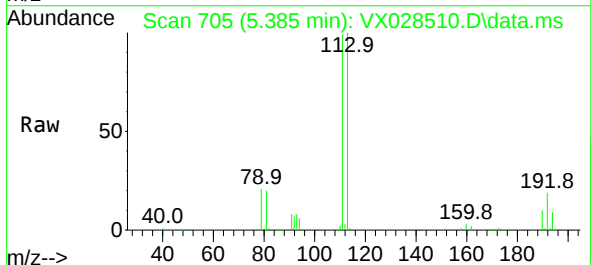
Instrument :
MSVOA_X
ClientSampleId :
TP-25

Tgt Ion:114 Resp: 647860
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 54.627 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion:113 Resp: 248192
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 19.7 16.9 25.3

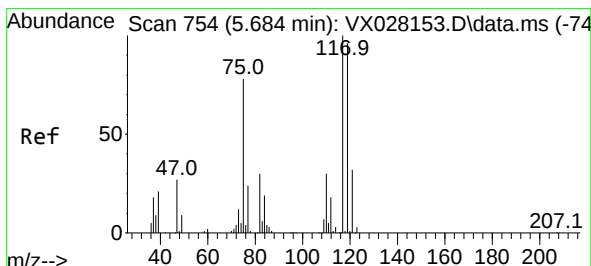
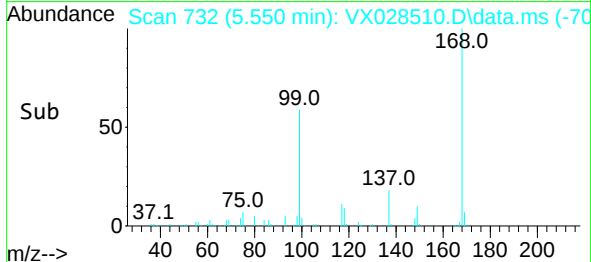
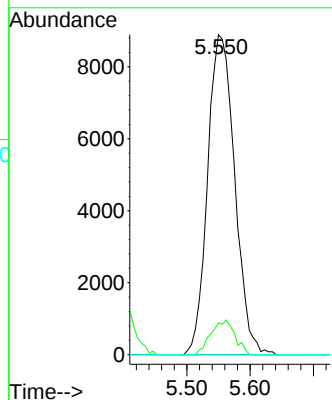
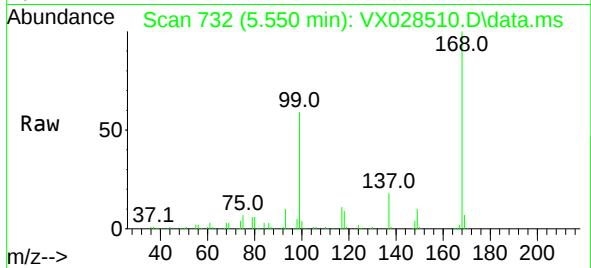




#36
1,1-Dichloropropene
Concen: 4.469 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

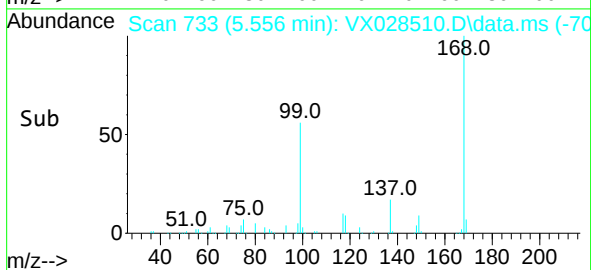
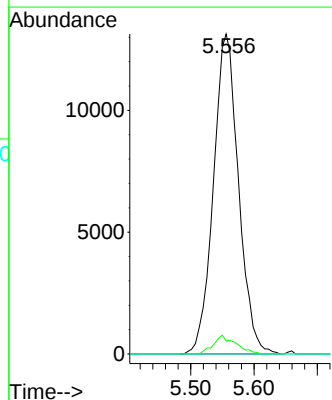
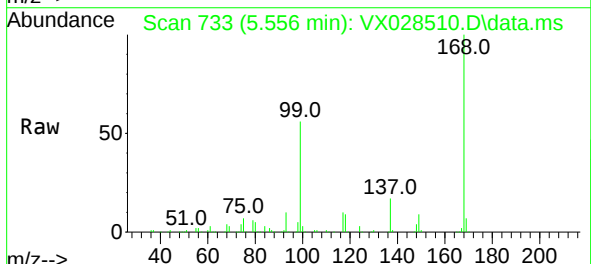
Instrument :
MSVOA_X
ClientSampleId :
TP-25

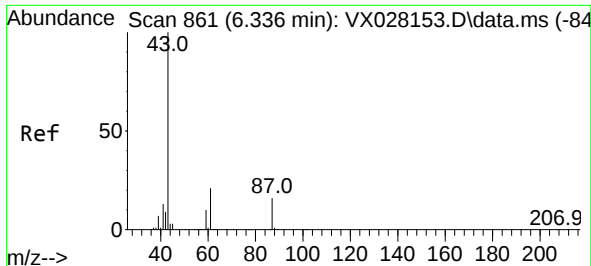
Tgt Ion: 75 Resp: 26484
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.406 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion: 117 Resp: 36167
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#

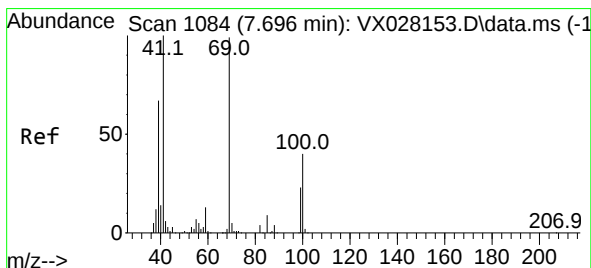
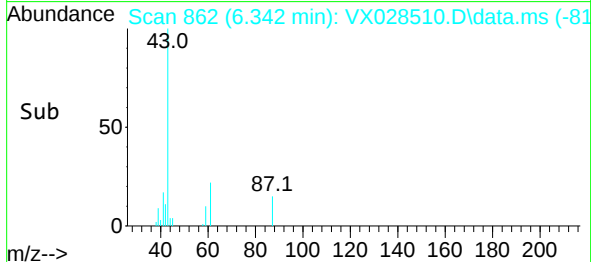
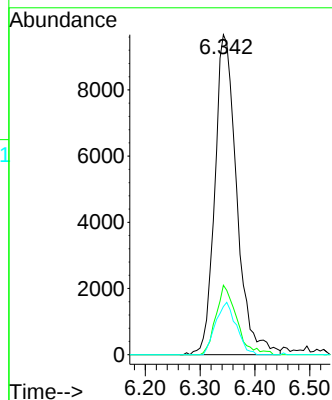
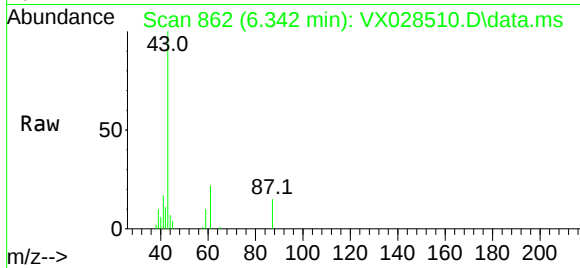




#43
Isopropyl Acetate
Concen: 2.739 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

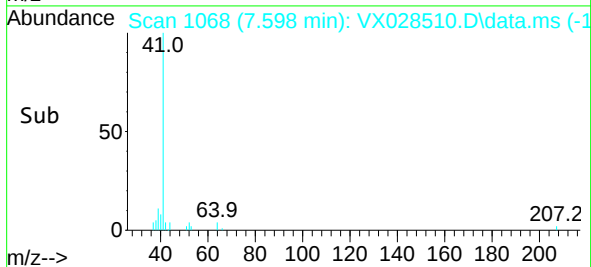
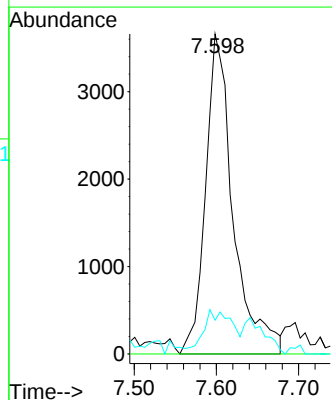
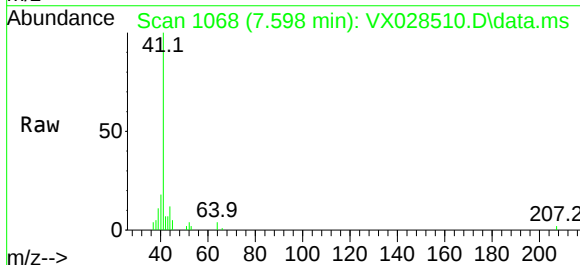
Instrument :
MSVOA_X
ClientSampleId :
TP-25

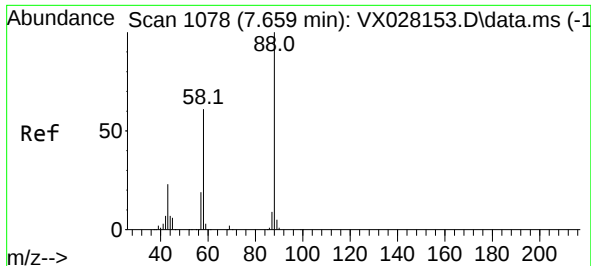
Tgt Ion: 43 Resp: 26802
Ion Ratio Lower Upper
43 100
61 20.7 18.5 27.7
87 15.5 13.0 19.6



#48
Methyl methacrylate
Concen: 1.898 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion: 41 Resp: 8530
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: 3.328 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.147 min

Lab File: VX028510.D

Acq: 03 May 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

TP-25

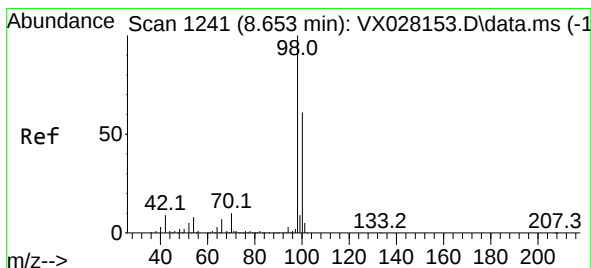
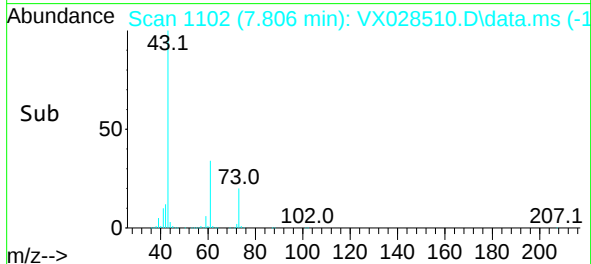
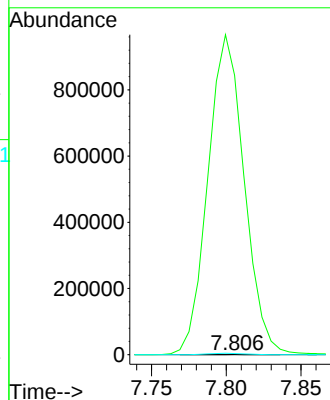
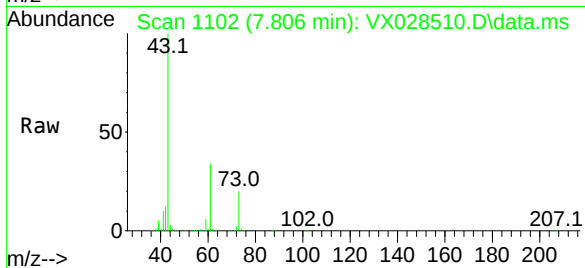
Tgt Ion: 88 Resp: 400

Ion Ratio Lower Upper

88 100

43 410168.3 21.9 32.9#

58 1902.0 53.7 80.5#



#50

Toluene-d8

Concen: 53.595 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028510.D

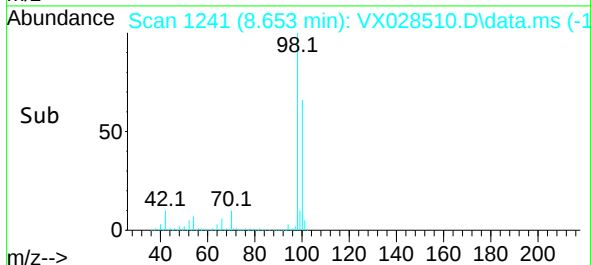
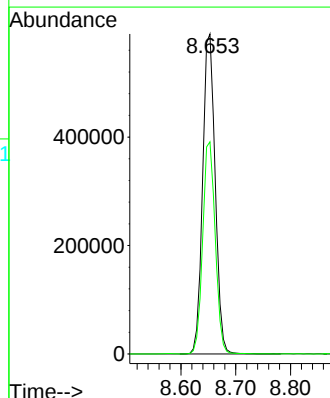
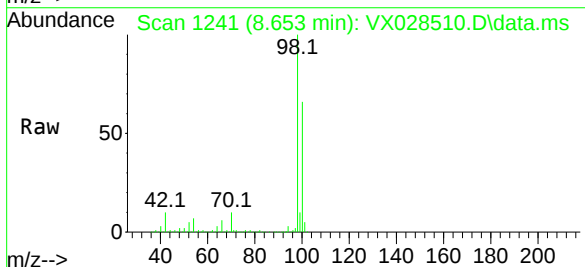
Acq: 03 May 2022 18:36

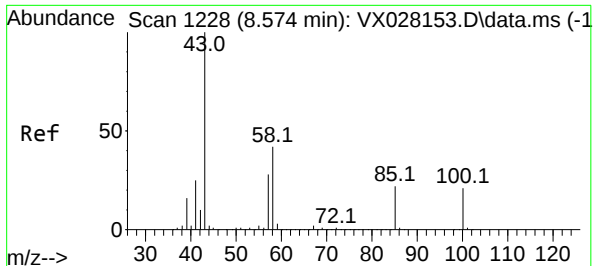
Tgt Ion: 98 Resp: 935238

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8

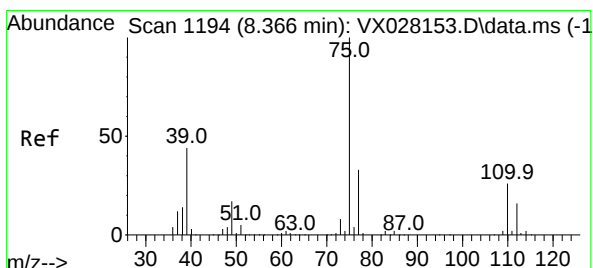
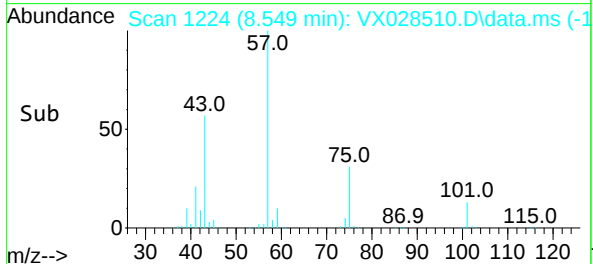
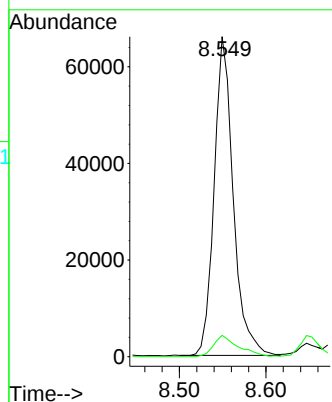
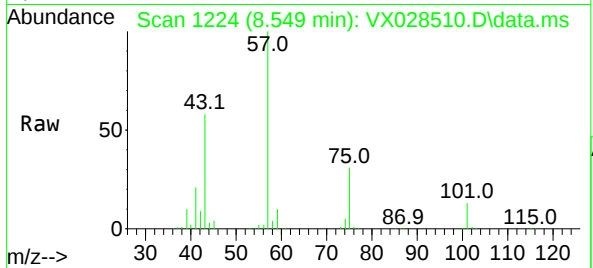




#51
4-Methyl-2-Pentanone
Concen: 16.086 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

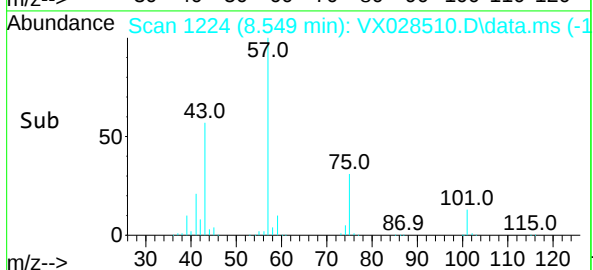
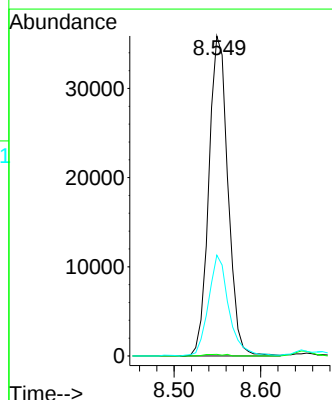
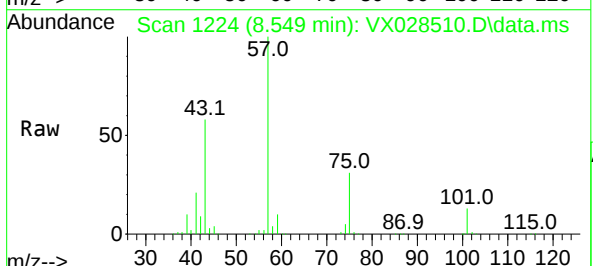
Instrument :
MSVOA_X
ClientSampleId :
TP-25

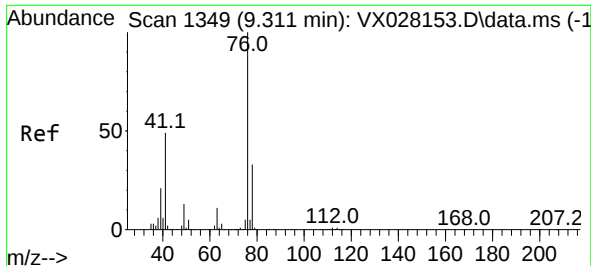
Tgt Ion: 43 Resp: 101027
Ion Ratio Lower Upper
43 100
58 8.8 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 7.524 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion: 75 Resp: 54974
Ion Ratio Lower Upper
75 100
77 0.5 24.8 37.2#
39 31.5 29.6 44.4





#57

1,3-Dichloropropane

Concen: 4.427 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX028510.D

Acq: 03 May 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

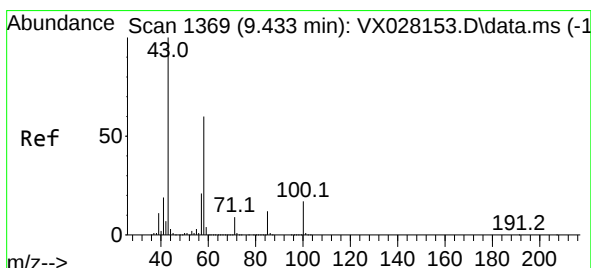
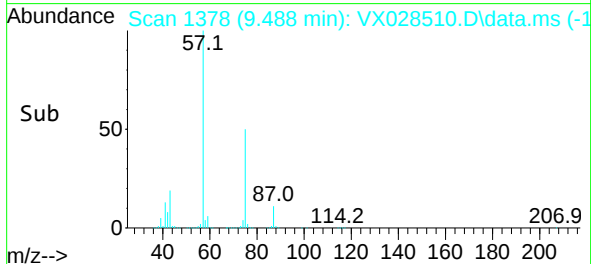
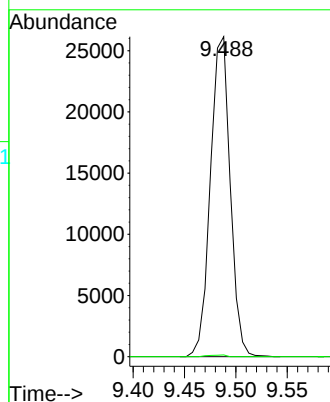
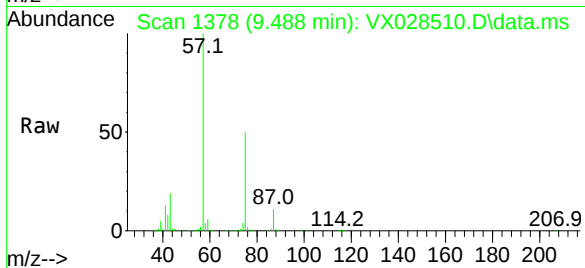
TP-25

Tgt Ion: 76 Resp: 34992

Ion Ratio Lower Upper

76 100

78 0.5 25.8 38.8#



#59

2-Hexanone

Concen: 81.666 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX028510.D

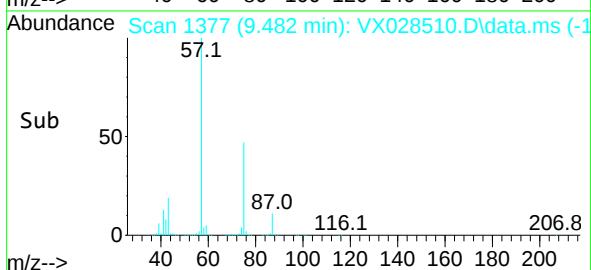
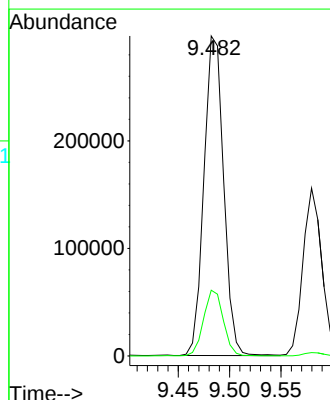
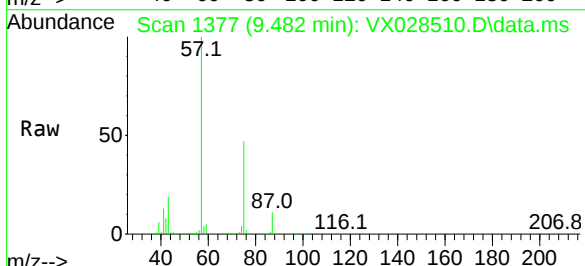
Acq: 03 May 2022 18:36

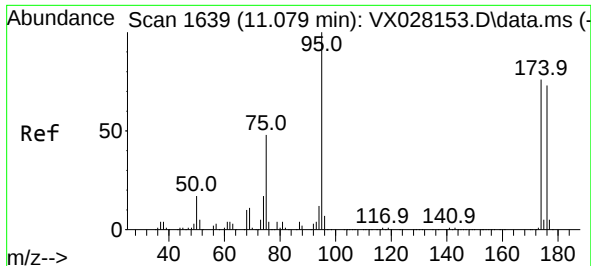
Tgt Ion: 43 Resp: 397300

Ion Ratio Lower Upper

43 100

58 20.8 31.9 95.7#

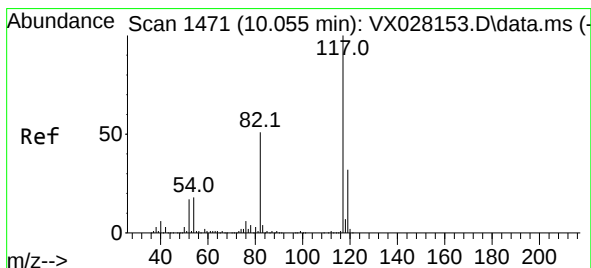
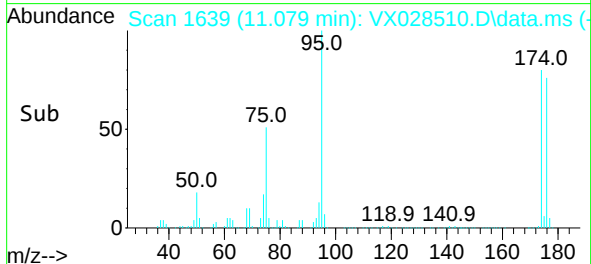
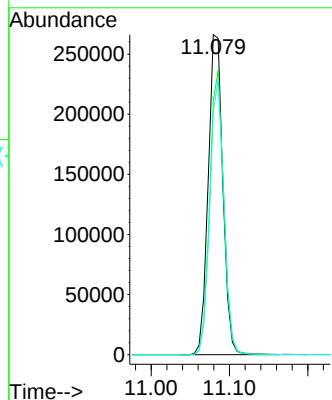
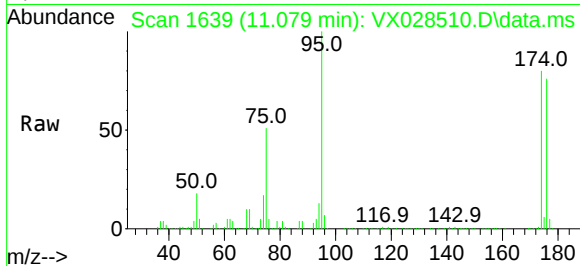




#62
4-Bromofluorobenzene
Concen: 51.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

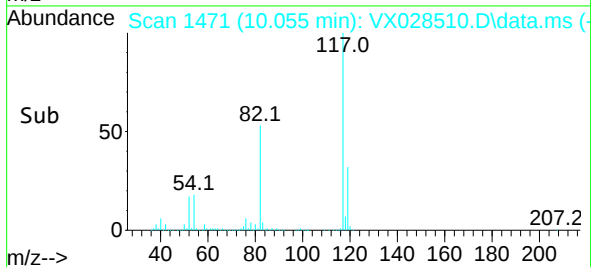
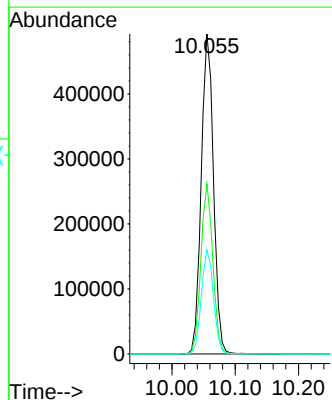
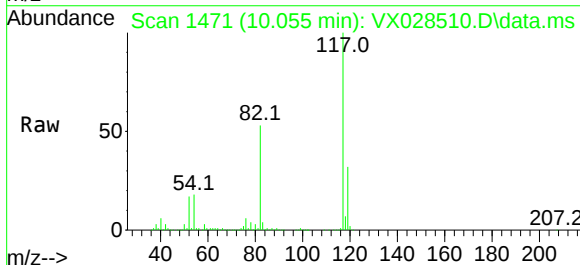
Instrument :
MSVOA_X
ClientSampleId :
TP-25

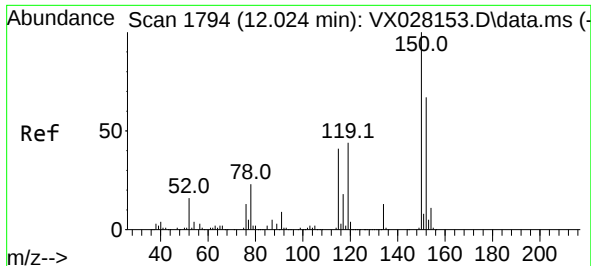
Tgt Ion: 95 Resp: 344519
Ion Ratio Lower Upper
95 100
174 85.6 0.0 163.0
176 82.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion: 117 Resp: 664248
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.8
119 32.5 24.8 37.2

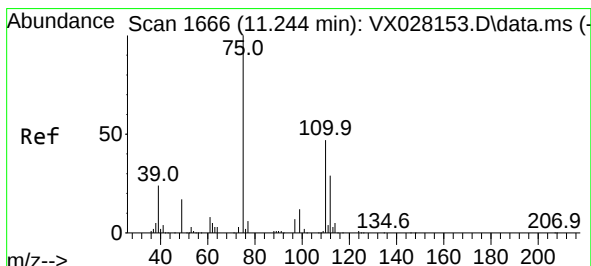
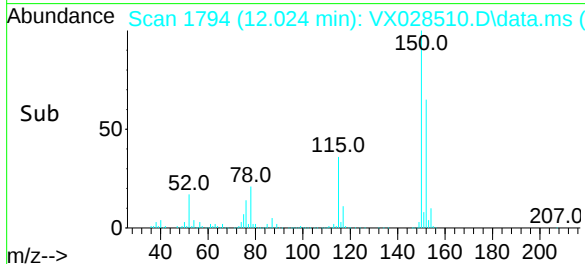
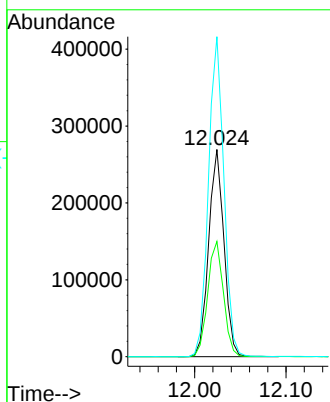
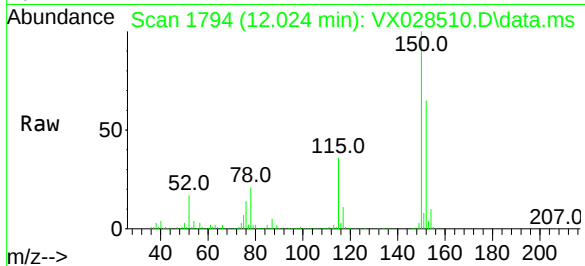




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028510.D
 Acq: 03 May 2022 18:36

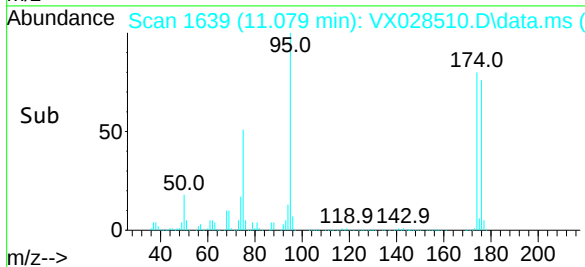
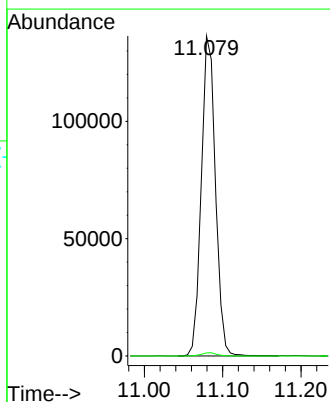
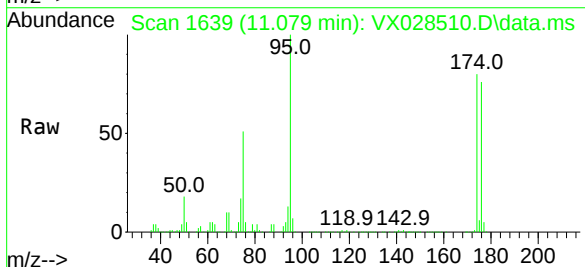
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-25

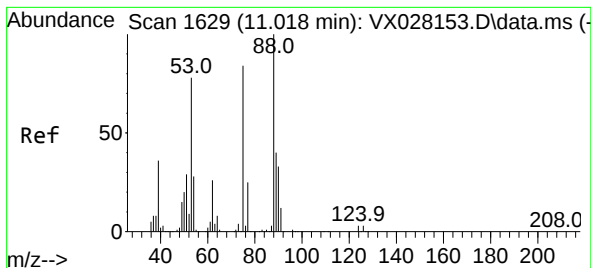
Tgt Ion:152 Resp: 312400
 Ion Ratio Lower Upper
 152 100
 115 57.2 37.5 112.7
 150 155.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.805 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028510.D
 Acq: 03 May 2022 18:36

Tgt Ion: 75 Resp: 170951
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

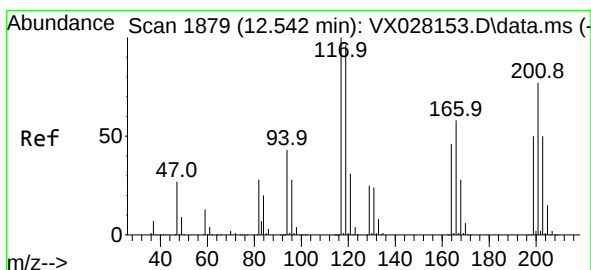
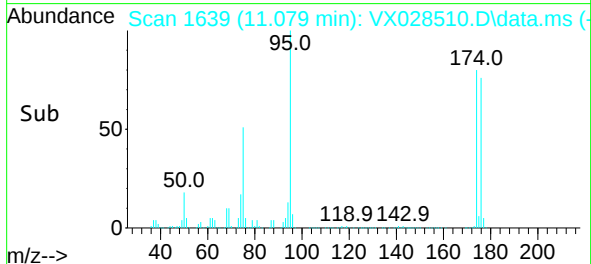
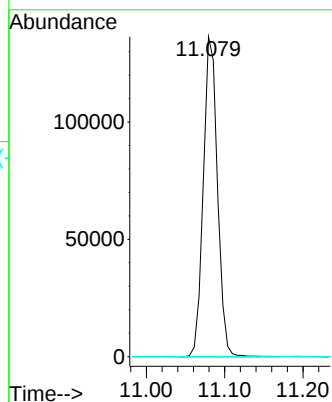
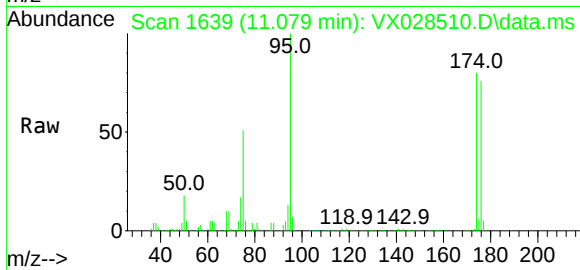




#81
trans-1,4-Dichloro-2-butene
Concen: 82.629 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Instrument :
MSVOA_X
ClientSampleId :
TP-25

Tgt Ion: 75 Resp: 170951
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.834 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.213 min
Lab File: VX028510.D
Acq: 03 May 2022 18:36

Tgt Ion: 117 Resp: 73
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

