

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028509.D
 Acq On : 03 May 2022 18:12
 Operator : JC/MD
 Sample : N2641-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-24

Quant Time: May 04 06:07:31 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)

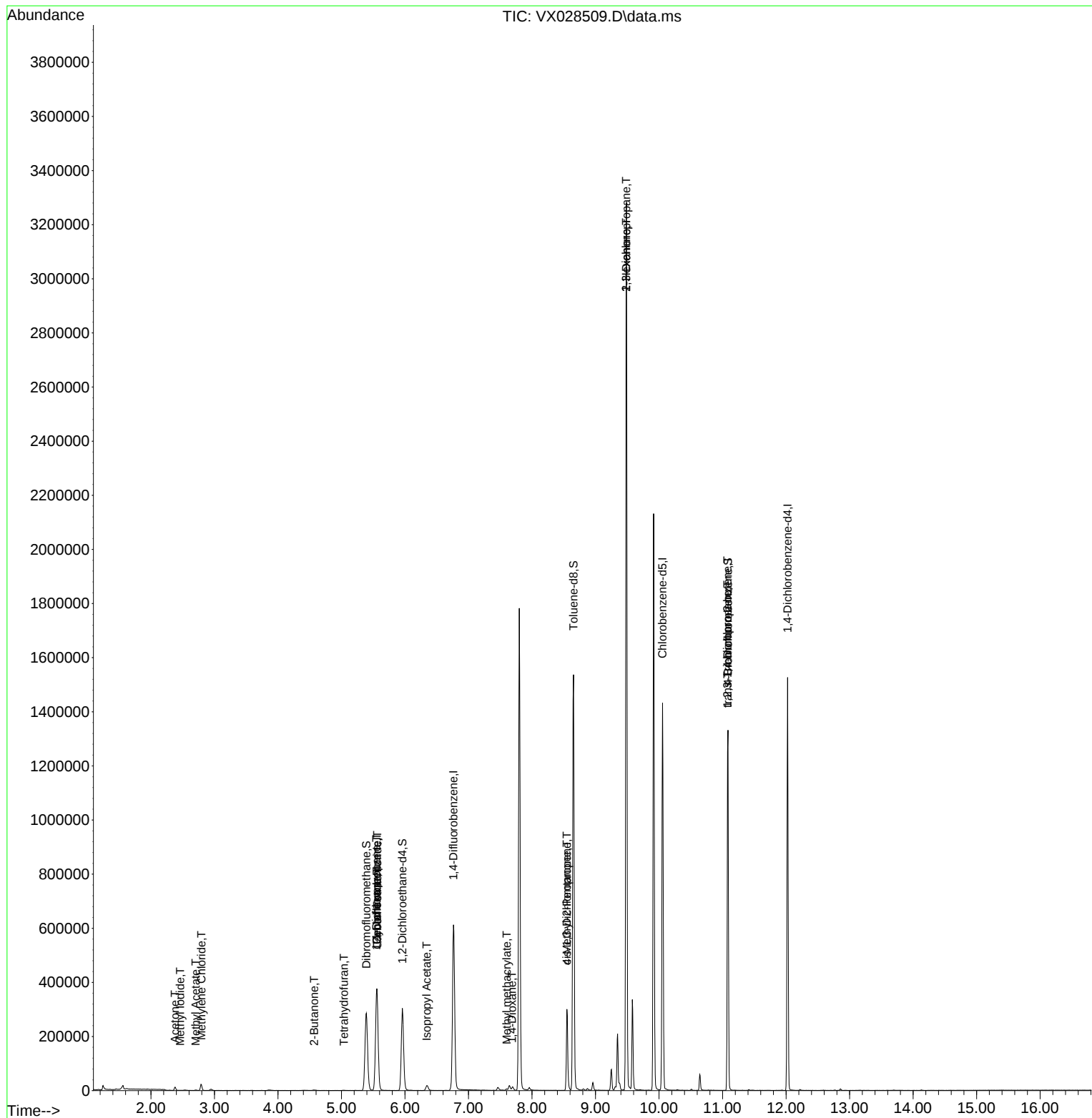
Internal Standards						
1) Pentafluorobenzene	5.556	168	365141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	653077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	665712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	313467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	275669	57.901	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.800%
35) Dibromofluoromethane	5.391	113	247827	54.111	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.220%
50) Toluene-d8	8.653	98	949698	53.988	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.980%
62) 4-Bromofluorobenzene	11.085	95	346530	51.521	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	349	Below Cal	#	42
5) Bromomethane	1.611	94	917	Below Cal		82
6) Chloroethane	1.660	64	247	Below Cal	#	43
8) Diethyl Ether	2.148	74	105	Below Cal		68
10) Methyl Iodide	2.459	142	281	5.297	ug/l #	41
11) Tert butyl alcohol	2.940	59	2947	Below Cal	#	72
16) Acetone	2.380	43	13204	7.727	ug/l #	88
18) Methyl Acetate	2.703	43	2430	0.574	ug/l	93
20) Methylene Chloride	2.794	84	10769	3.048	ug/l	96
25) 2-Butanone	4.568	43	1968	0.698	ug/l	99
29) Tetrahydrofuran	5.038	42	815	0.443	ug/l #	54
31) Cyclohexane	5.556	56	7253	1.250	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	27523	4.607	ug/l #	50
38) Carbon Tetrachloride	5.562	117	36358	5.391	ug/l #	15
43) Isopropyl Acetate	6.342	43	25325	2.567	ug/l	97
48) Methyl methacrylate	7.604	41	7414	1.637	ug/l #	7
49) 1,4-Dioxane	7.683	88	61	0.503	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	95348	15.061	ug/l #	45
54) cis-1,3-Dichloropropene	8.549	75	50875	6.907	ug/l #	72
57) 1,3-Dichloropropane	9.482	76	31242	3.921	ug/l #	43
59) 2-Hexanone	9.482	43	357592	72.917	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	171629	27.820	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	171629	82.674	ug/l #	15

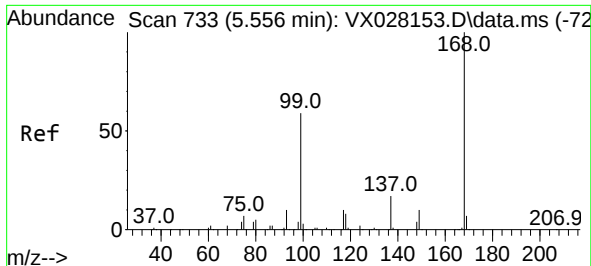
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
Data File : VX028509.D
Acq On : 03 May 2022 18:12
Operator : JC/MD
Sample : N2641-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-24

Quant Time: May 04 06:07:31 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

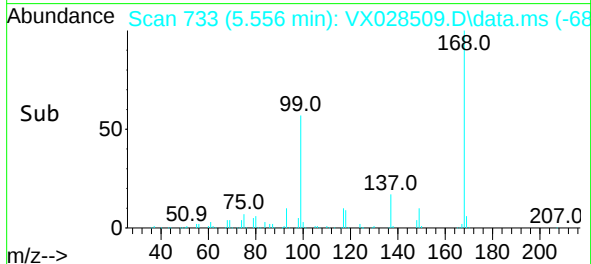
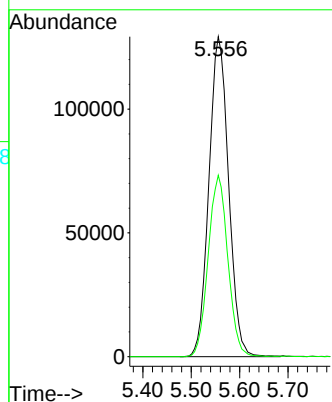
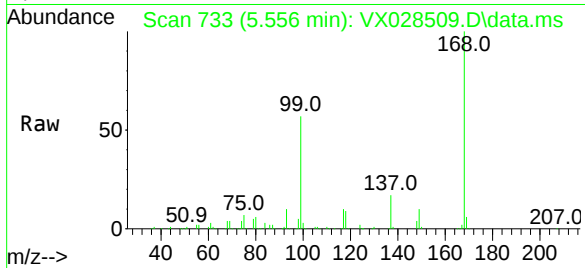




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

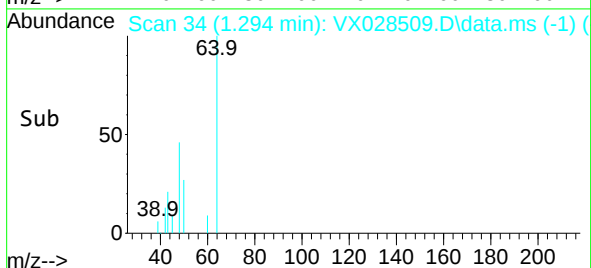
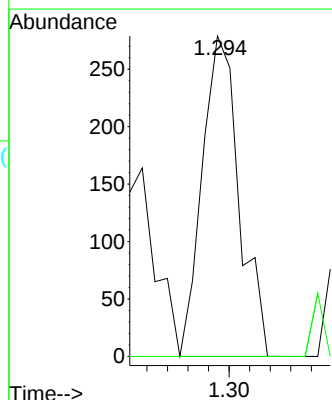
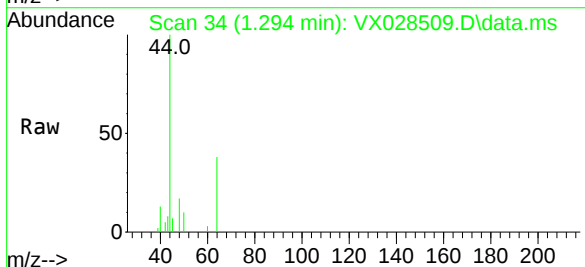
Instrument :
MSVOA_X
ClientSampleId :
TP-24

Tgt Ion:168 Resp: 365141
Ion Ratio Lower Upper
168 100
99 56.7 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

Tgt Ion: 50 Resp: 349
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

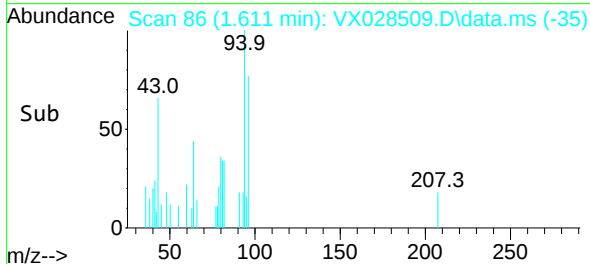
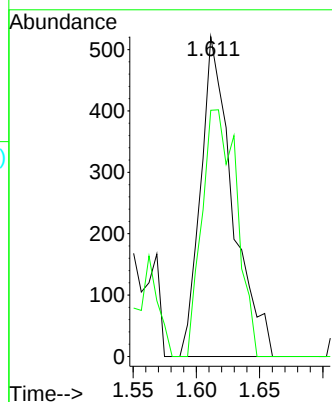
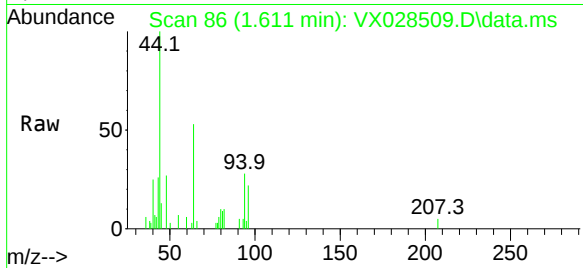




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

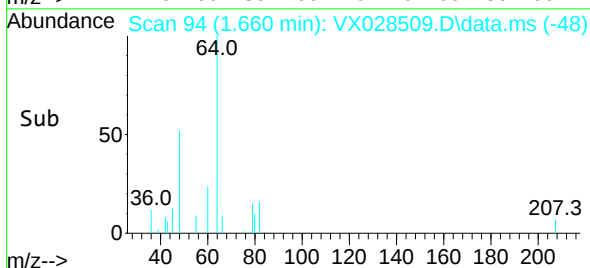
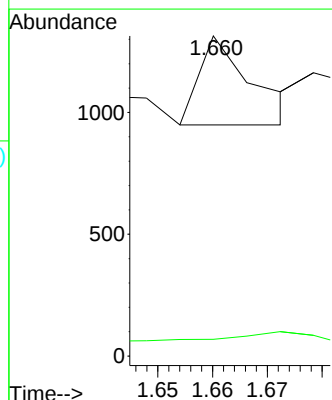
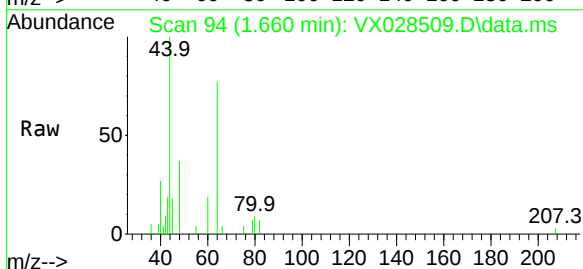
Instrument :
MSVOA_X
ClientSampleId :
TP-24

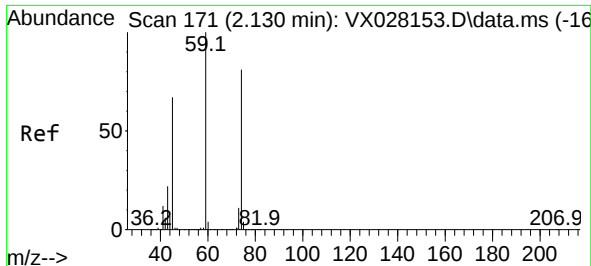
Tgt Ion: 94 Resp: 917
Ion Ratio Lower Upper
94 100
96 77.0 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

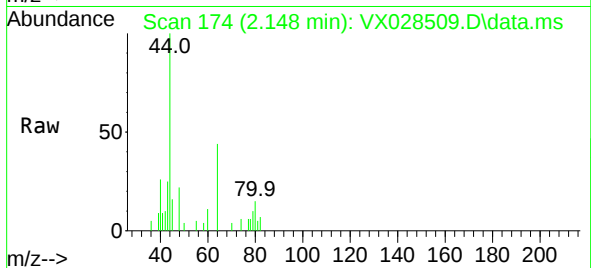
Tgt Ion: 64 Resp: 247
Ion Ratio Lower Upper
64 100
66 0.3 25.3 37.9#



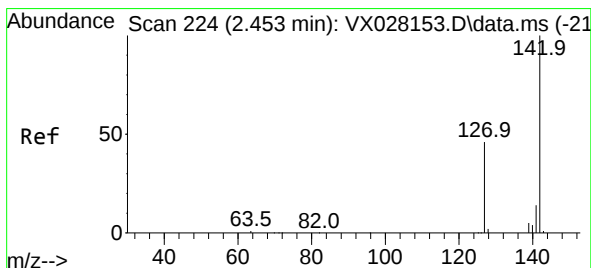
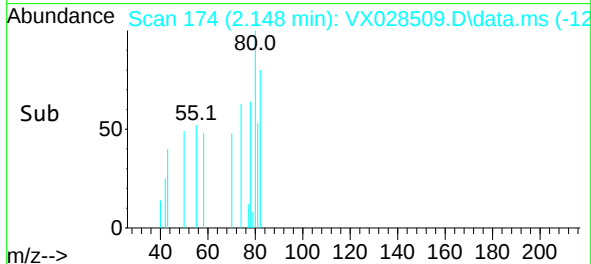
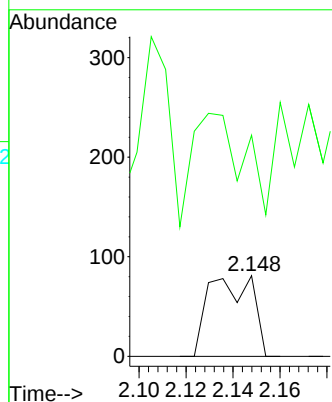


#8
Diethyl Ether
Concen: Below Cal
RT: 2.148 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

Instrument :
MSVOA_X
ClientSampleId :
TP-24

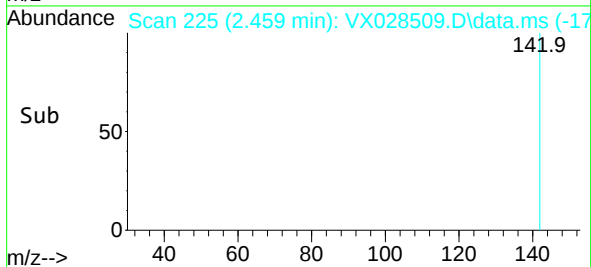
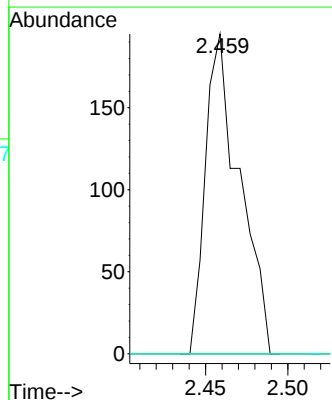
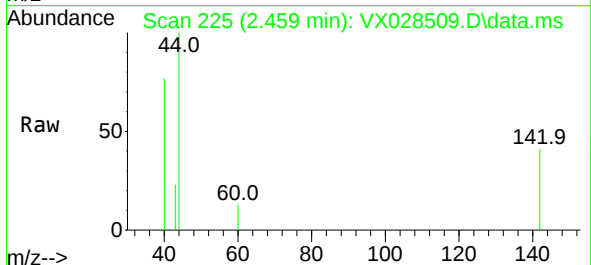


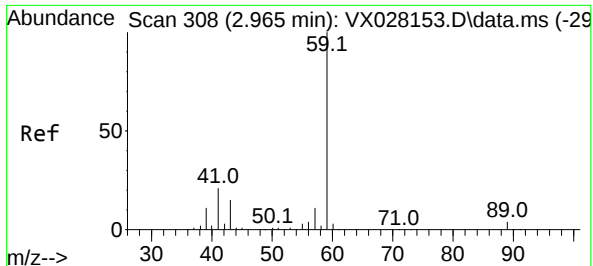
Tgt Ion: 74 Resp: 105
Ion Ratio Lower Upper
74 100
45 113.3 42.0 126.0



#10
Methyl Iodide
Concen: 5.297 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

Tgt Ion: 142 Resp: 281
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 308

Delta R.T. -0.025 min

Lab File: VX028509.D

Acq: 03 May 2022 18:12

Instrument :

MSVOA_X

ClientSampleId :

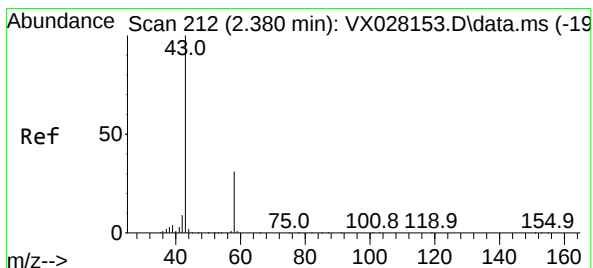
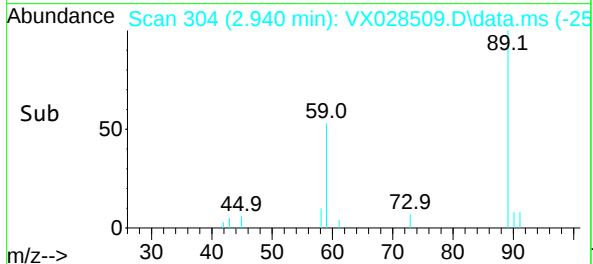
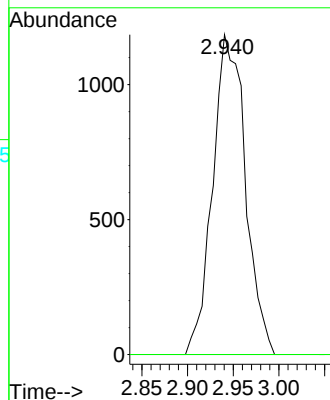
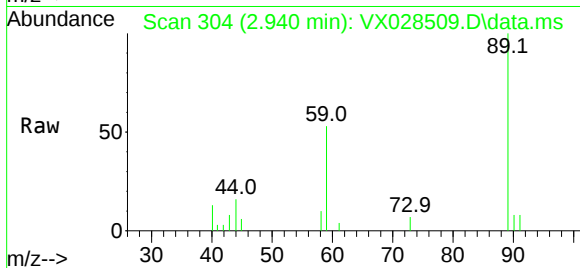
TP-24

Tgt Ion: 59 Resp: 2947

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 7.727 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX028509.D

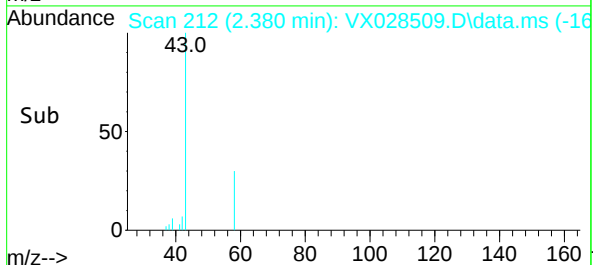
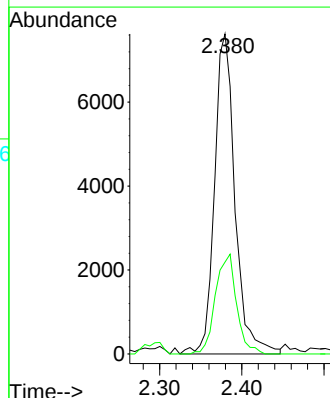
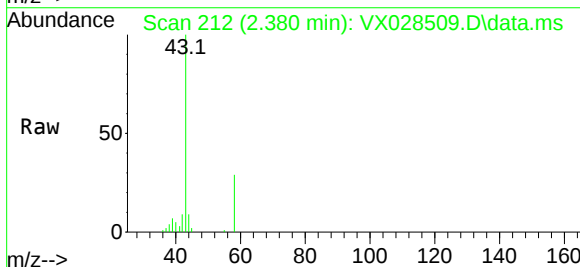
Acq: 03 May 2022 18:12

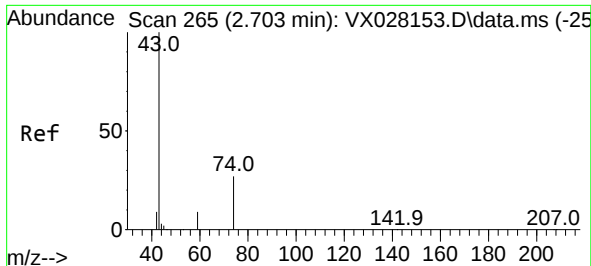
Tgt Ion: 43 Resp: 13204

Ion Ratio Lower Upper

43 100

58 28.7 28.8 43.2#

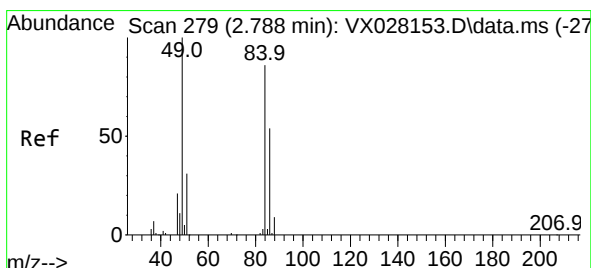
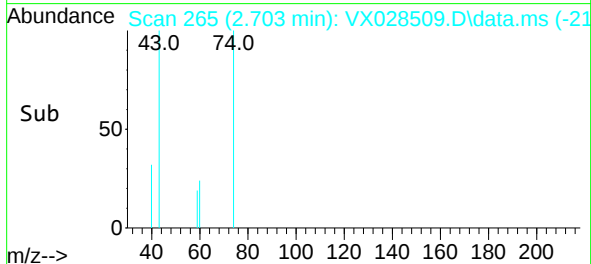
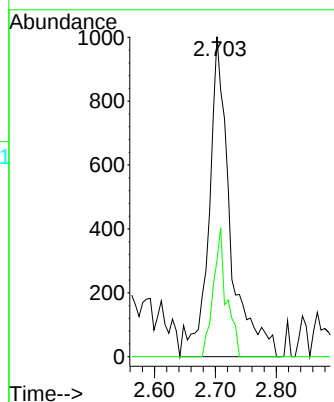
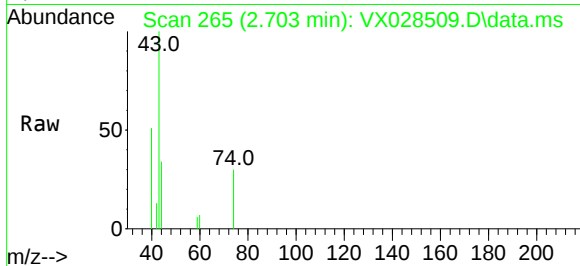




#18
Methyl Acetate
Concen: 0.574 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

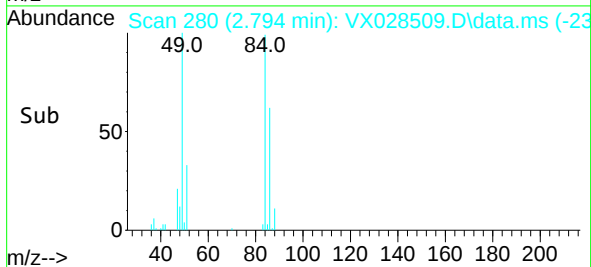
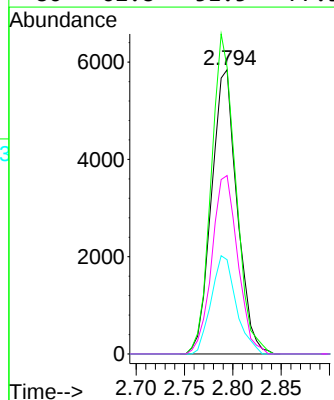
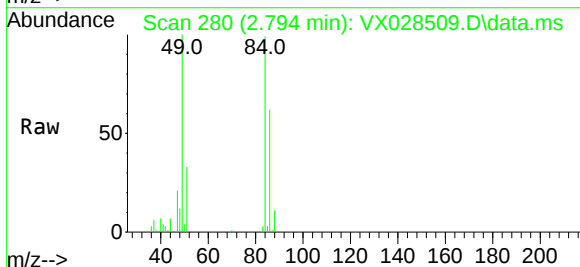
Instrument :
MSVOA_X
ClientSampleId :
TP-24

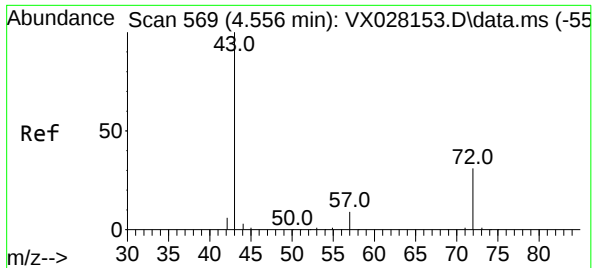
Tgt Ion: 43 Resp: 2430
Ion Ratio Lower Upper
43 100
74 24.9 22.8 34.2



#20
Methylene Chloride
Concen: 3.048 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

Tgt Ion: 84 Resp: 10769
Ion Ratio Lower Upper
84 100
49 101.0 85.5 128.3
51 33.2 26.6 39.8
86 62.8 51.5 77.3

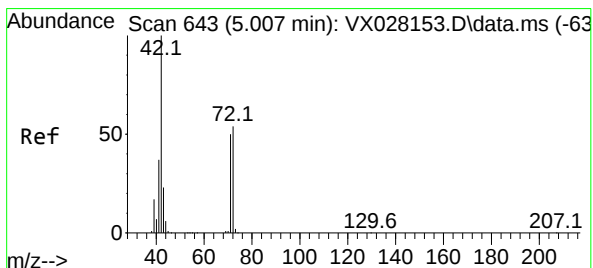
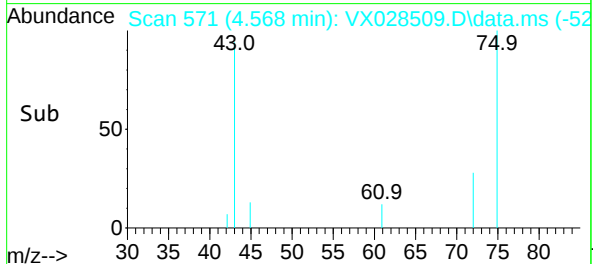
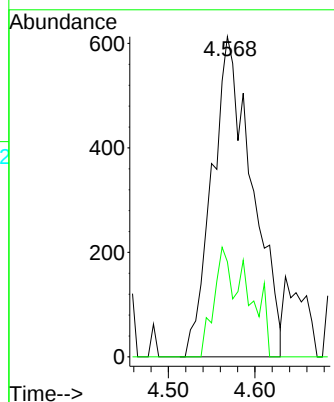
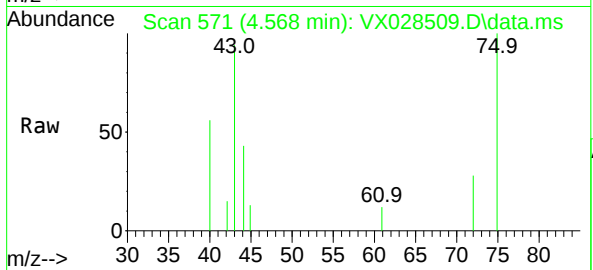




#25
2-Butanone
Concen: 0.698 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

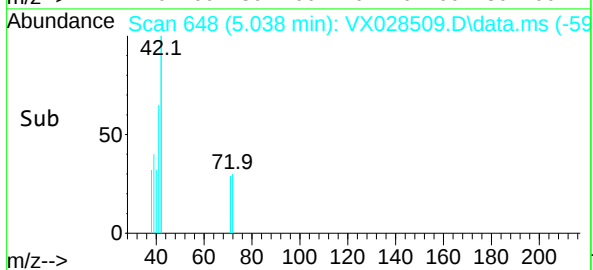
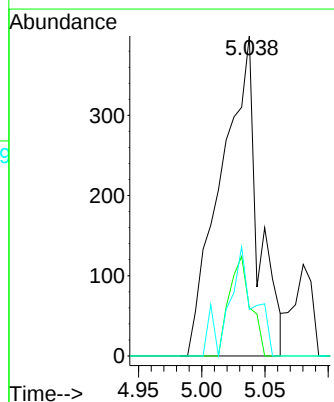
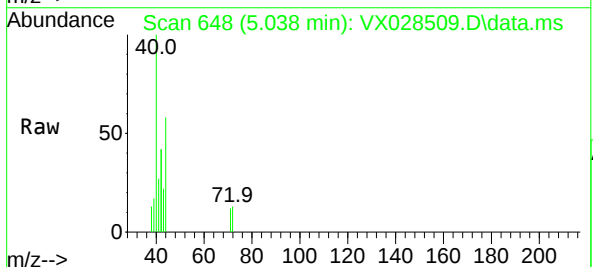
Instrument :
MSVOA_X
ClientSampleId :
TP-24

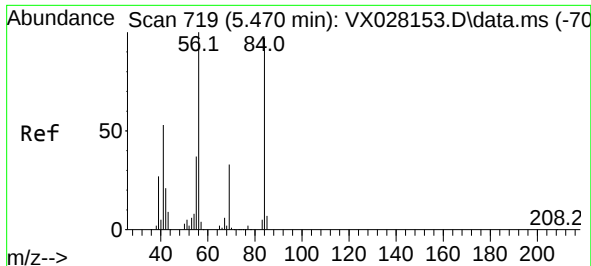
Tgt Ion: 43 Resp: 1968
Ion Ratio Lower Upper
43 100
72 29.7 24.4 36.6



#29
Tetrahydrofuran
Concen: 0.443 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.031 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

Tgt Ion: 42 Resp: 815
Ion Ratio Lower Upper
42 100
72 17.9 44.1 66.1#
71 23.4 40.5 60.7#

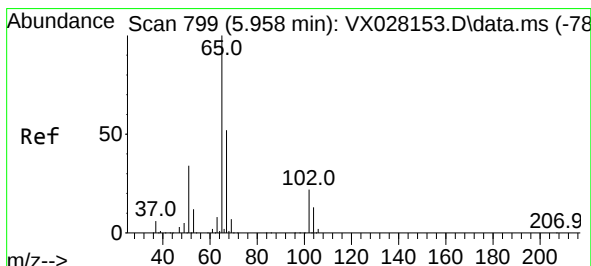
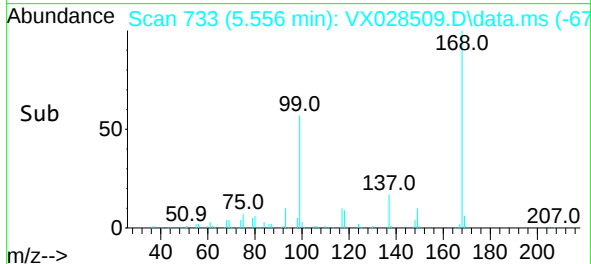
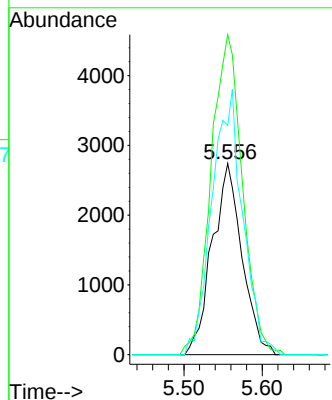
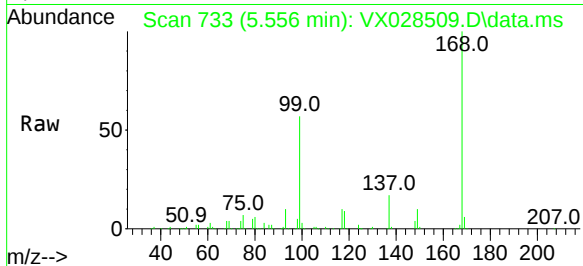




#31
Cyclohexane
Concen: 1.250 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

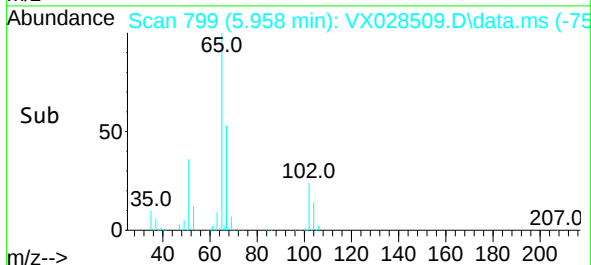
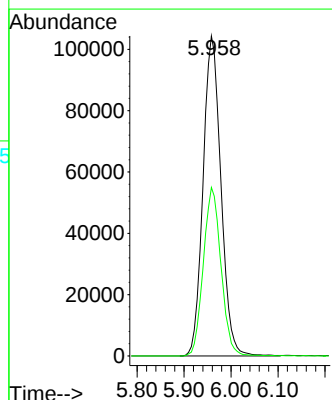
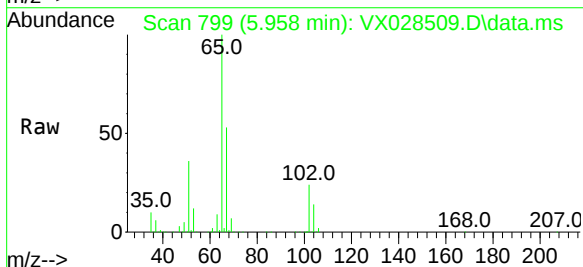
Instrument :
MSVOA_X
ClientSampleId :
TP-24

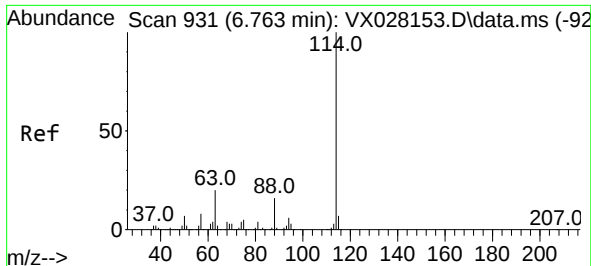
Tgt Ion: 56 Resp: 7253
Ion Ratio Lower Upper
56 100
69 167.3 26.7 40.1#
84 120.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 57.901 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

Tgt Ion: 65 Resp: 275669
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

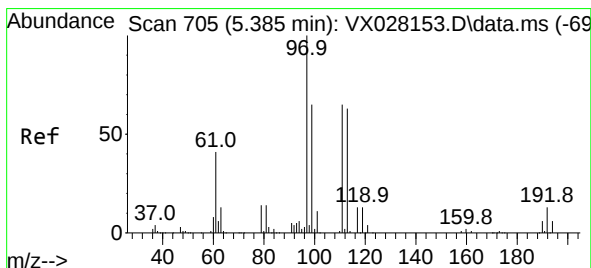
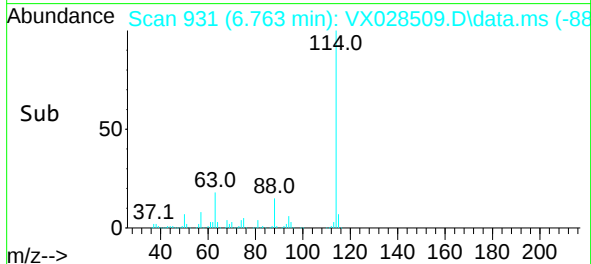
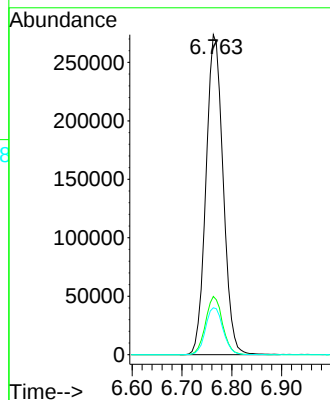
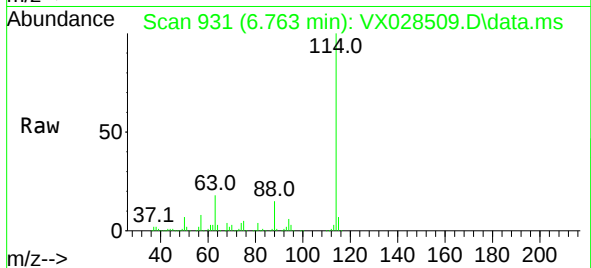




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

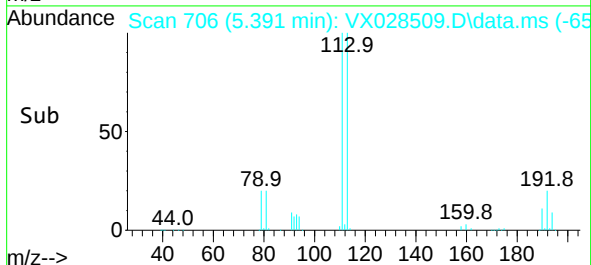
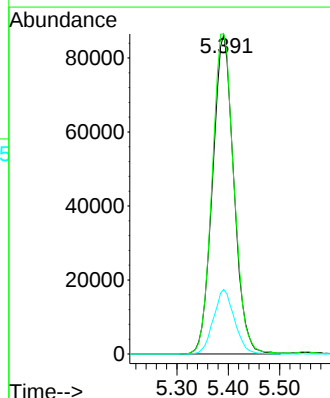
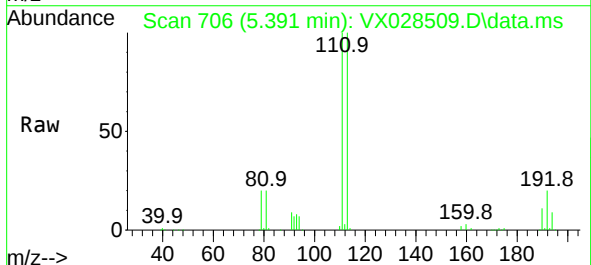
Instrument :
MSVOA_X
ClientSampleId :
TP-24

Tgt Ion:114 Resp: 653077
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 14.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 54.111 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

Tgt Ion:113 Resp: 247827
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.9 16.9 25.3

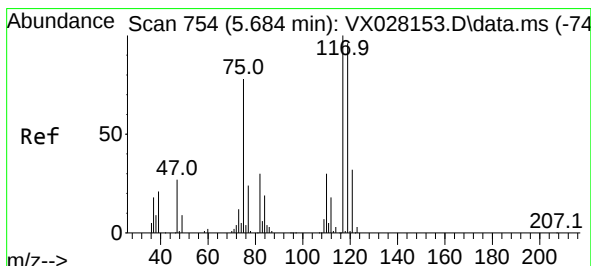
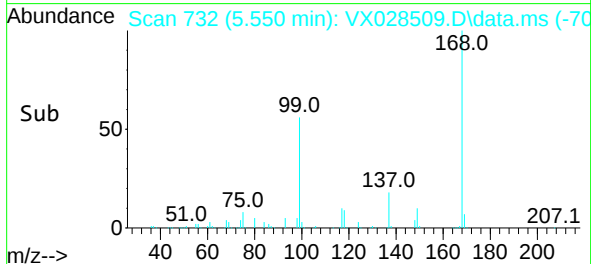
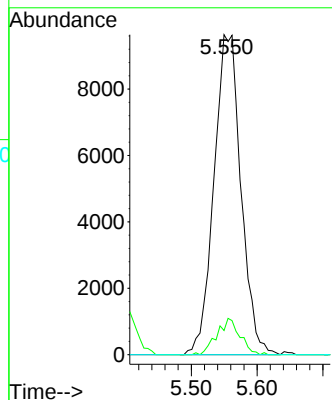
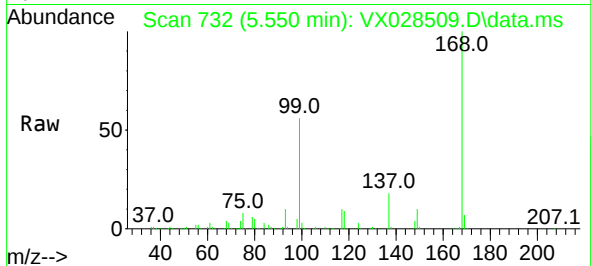




#36
1,1-Dichloropropene
Concen: 4.607 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

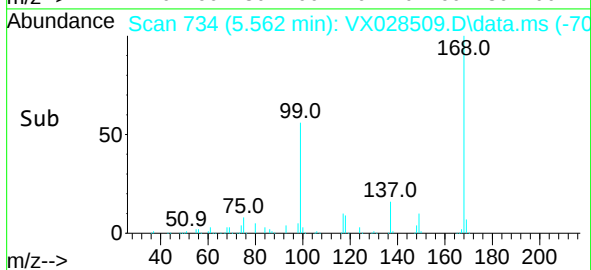
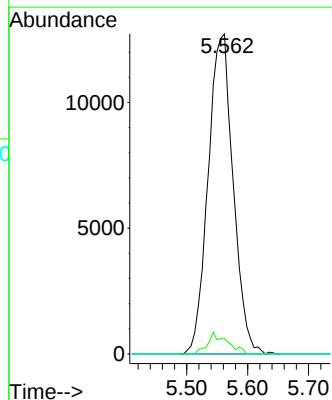
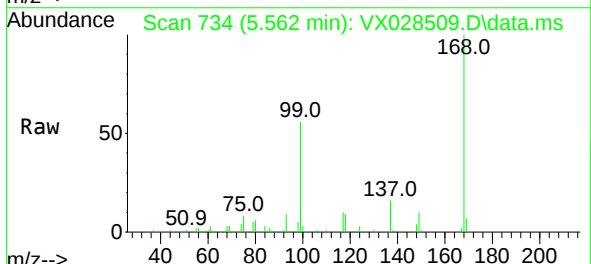
Instrument :
MSVOA_X
ClientSampleId :
TP-24

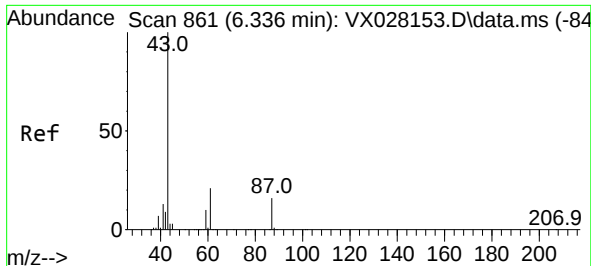
Tgt Ion: 75 Resp: 27523
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.391 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

Tgt Ion: 117 Resp: 36358
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#

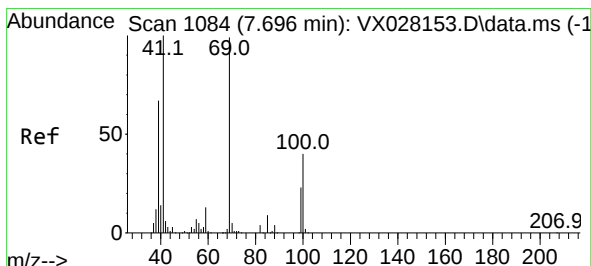
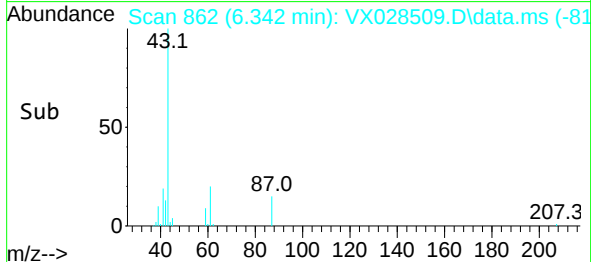
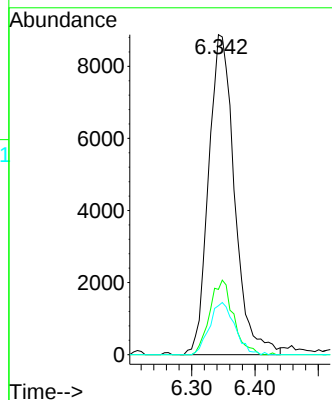
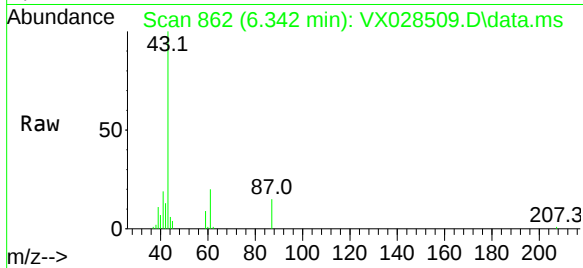




#43
Isopropyl Acetate
Concen: 2.567 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

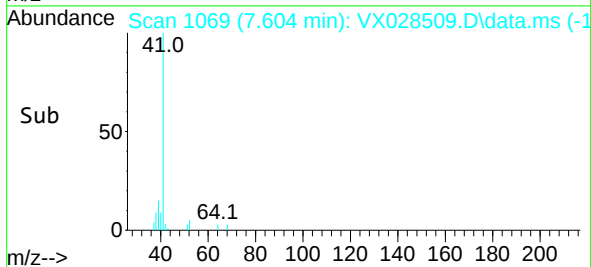
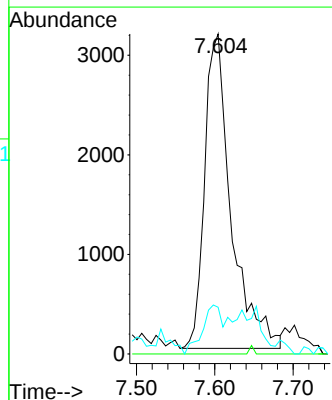
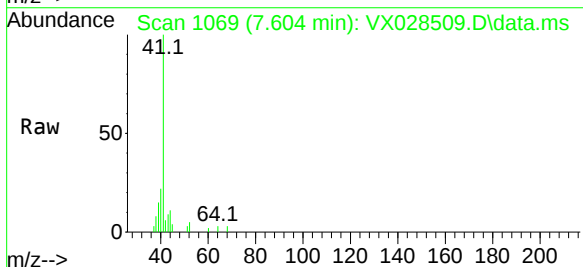
Instrument :
MSVOA_X
ClientSampleId :
TP-24

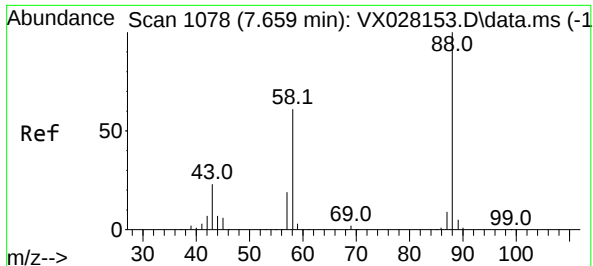
Tgt Ion: 43 Resp: 25325
Ion Ratio Lower Upper
43 100
61 21.1 18.5 27.7
87 15.9 13.0 19.6



#48
Methyl methacrylate
Concen: 1.637 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

Tgt Ion: 41 Resp: 7414
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#

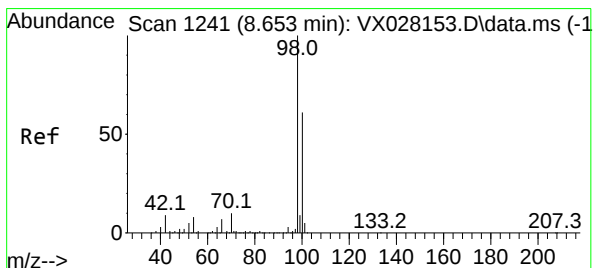
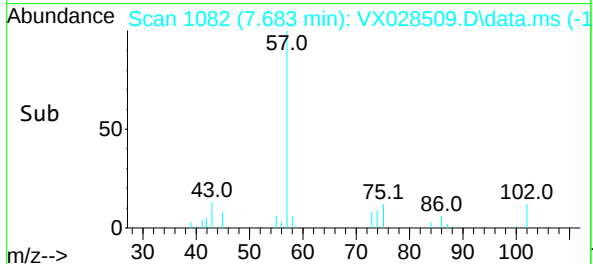
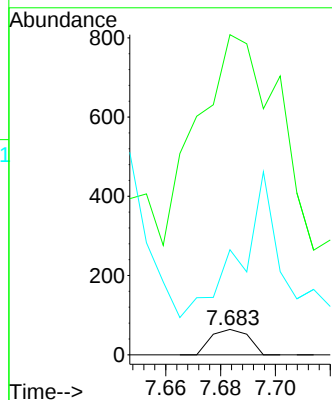
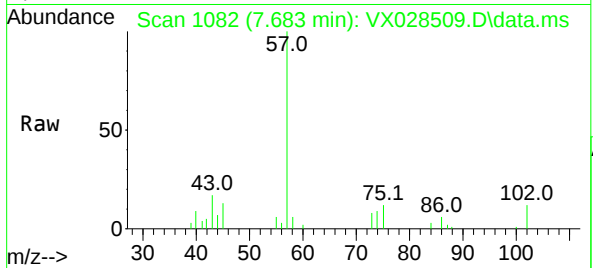




#49
1,4-Dioxane
Concen: 0.503 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.024 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

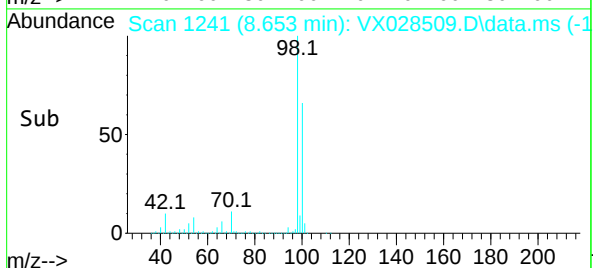
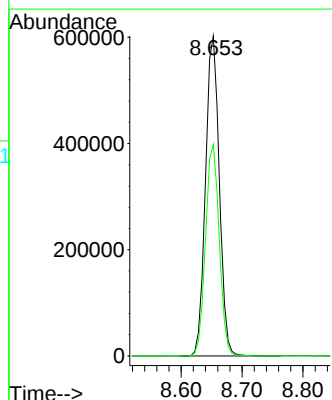
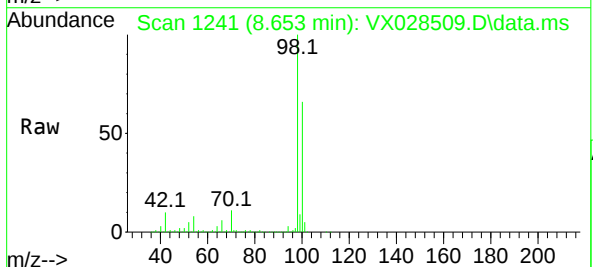
Instrument :
MSVOA_X
ClientSampleId :
TP-24

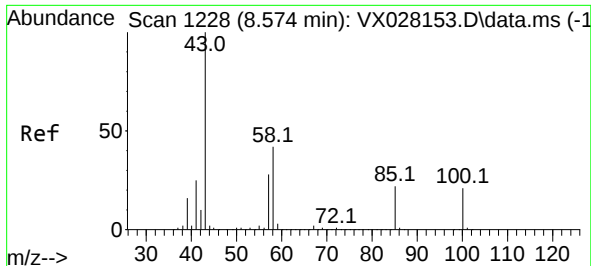
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 1118.0 53.7 80.5#



#50
Toluene-d8
Concen: 53.988 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

Tgt Ion: 98 Resp: 949698
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

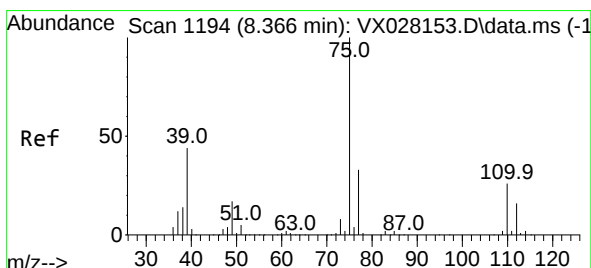
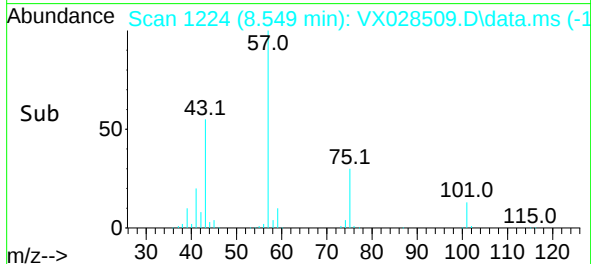
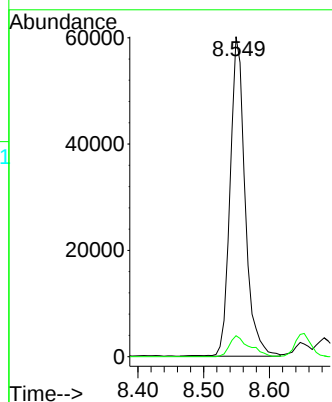
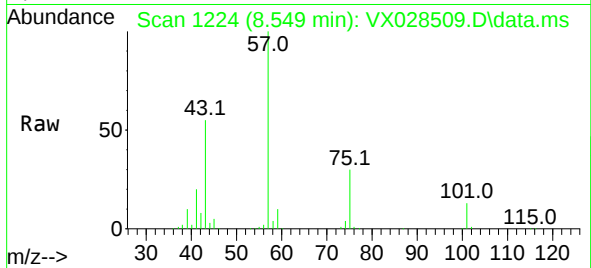




#51
4-Methyl-2-Pentanone
Concen: 15.061 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

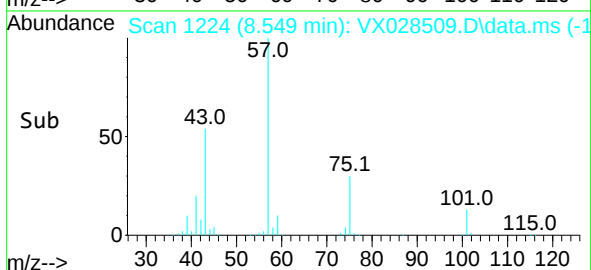
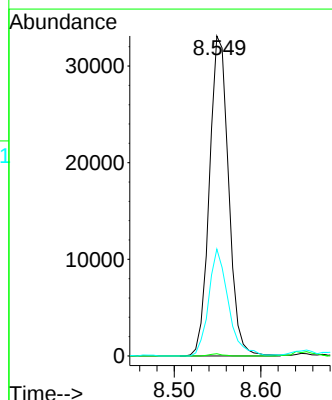
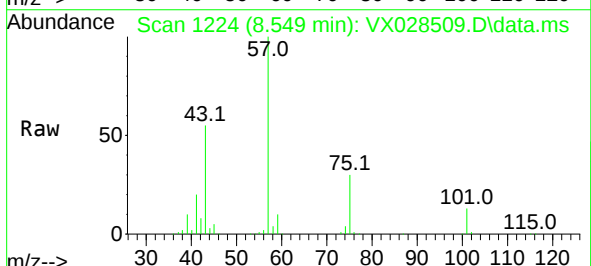
Instrument :
MSVOA_X
ClientSampleId :
TP-24

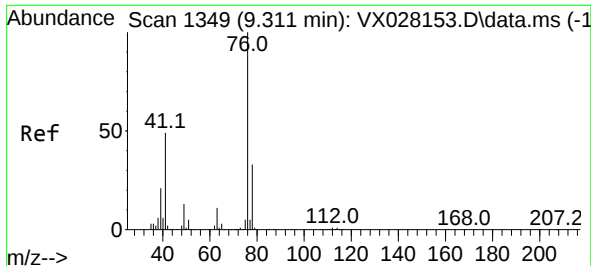
Tgt Ion: 43 Resp: 95348
Ion Ratio Lower Upper
43 100
58 8.8 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 6.907 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

Tgt Ion: 75 Resp: 50875
Ion Ratio Lower Upper
75 100
77 0.7 24.8 37.2#
39 33.4 29.6 44.4





#57

1,3-Dichloropropane

Concen: 3.921 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX028509.D

Acq: 03 May 2022 18:12

Instrument :

MSVOA_X

ClientSampleId :

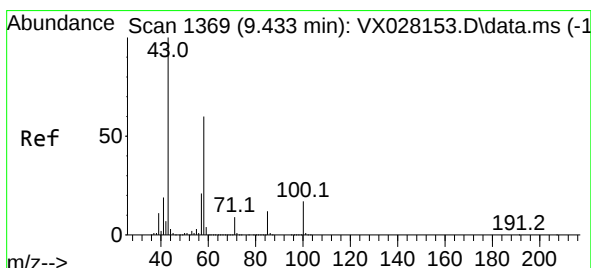
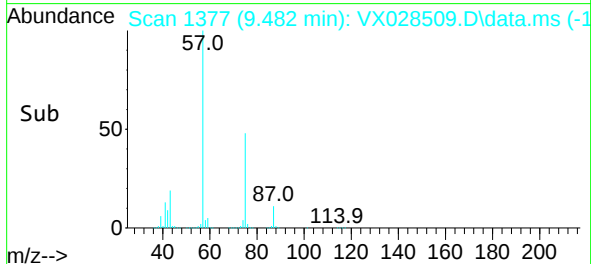
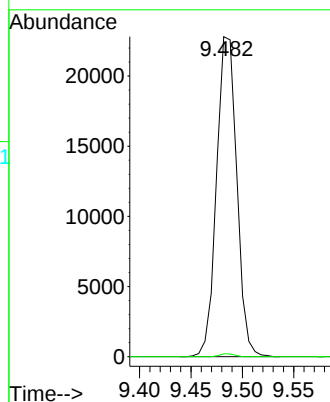
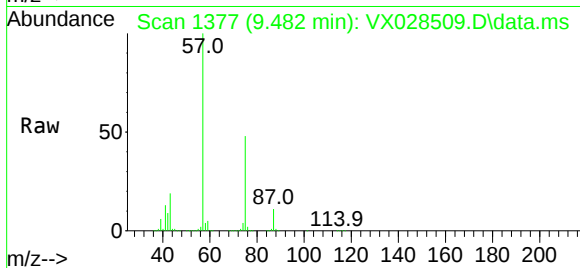
TP-24

Tgt Ion: 76 Resp: 31242

Ion Ratio Lower Upper

76 100

78 0.7 25.8 38.8#



#59

2-Hexanone

Concen: 72.917 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX028509.D

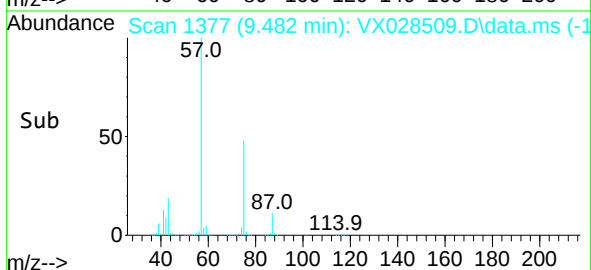
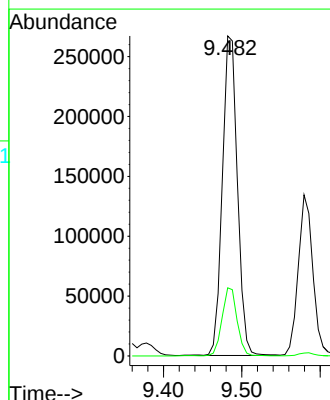
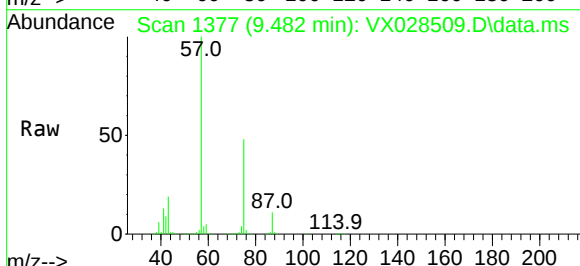
Acq: 03 May 2022 18:12

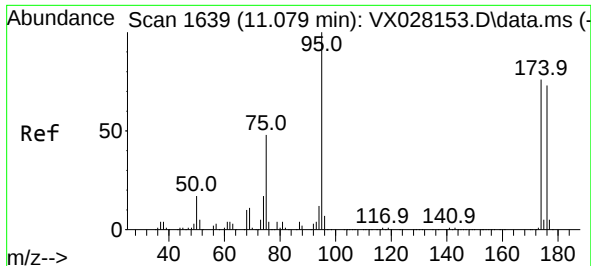
Tgt Ion: 43 Resp: 357592

Ion Ratio Lower Upper

43 100

58 21.2 31.9 95.7#





#62

4-Bromofluorobenzene

Concen: 51.521 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX028509.D

Acq: 03 May 2022 18:12

Instrument :

MSVOA_X

ClientSampleId :

TP-24

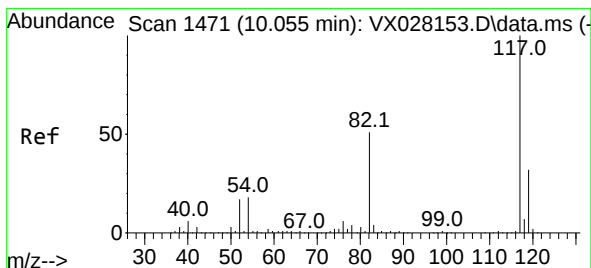
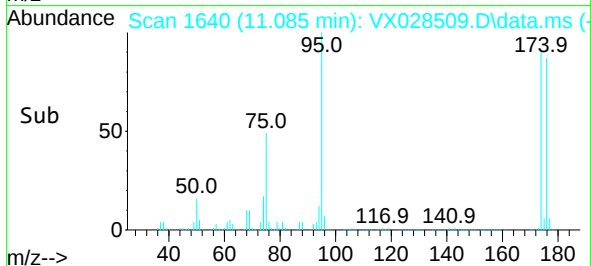
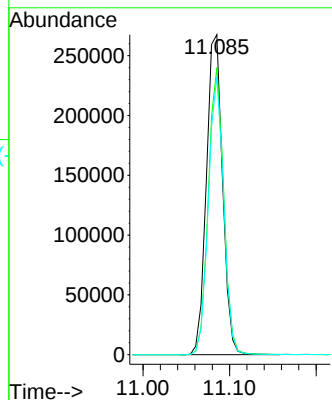
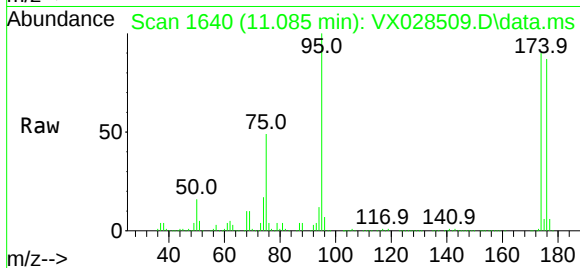
Tgt Ion: 95 Resp: 346530

Ion Ratio Lower Upper

95 100

174 86.0 0.0 163.0

176 82.4 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: VX028509.D

Acq: 03 May 2022 18:12

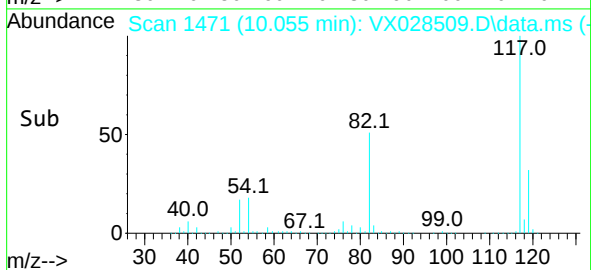
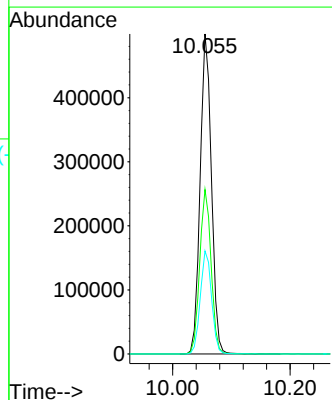
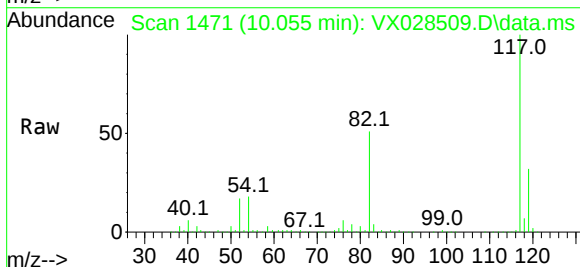
Tgt Ion: 117 Resp: 665712

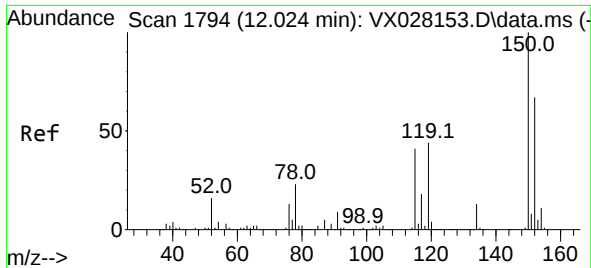
Ion Ratio Lower Upper

117 100

82 51.4 41.8 62.8

119 32.2 24.8 37.2

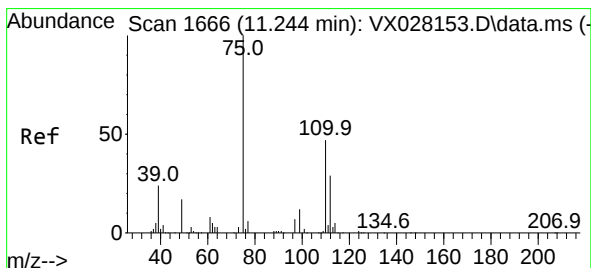
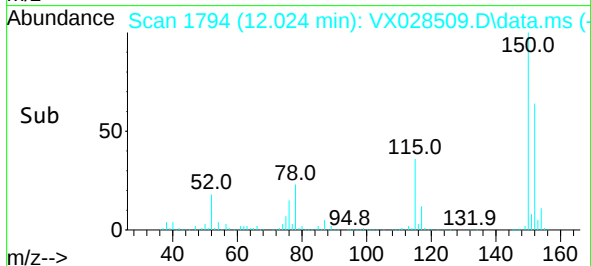
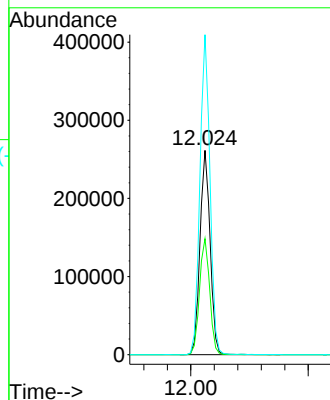
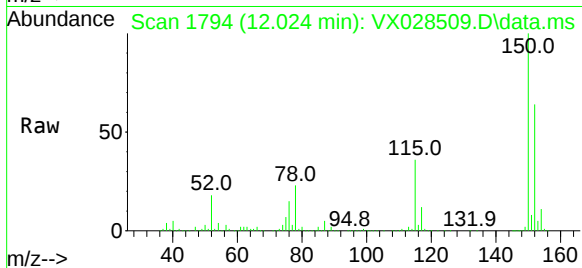




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

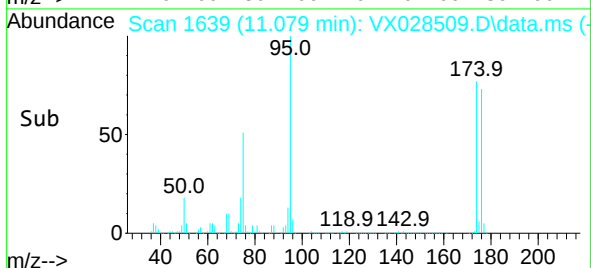
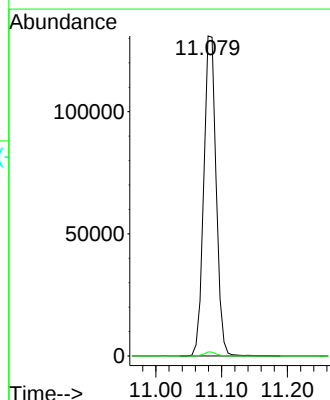
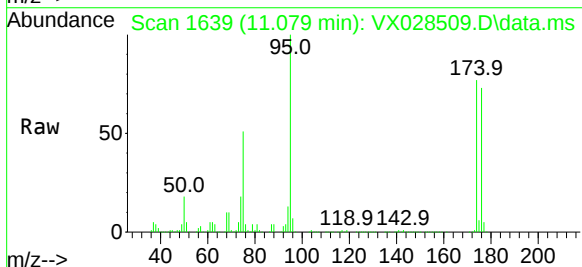
Instrument :
MSVOA_X
ClientSampleId :
TP-24

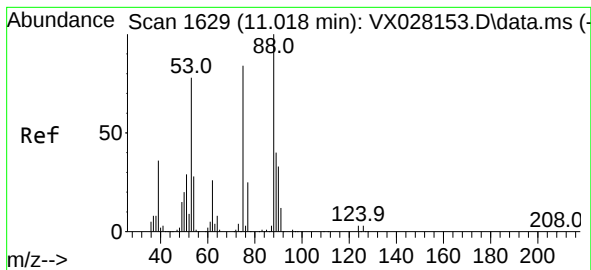
Tgt Ion:152 Resp: 313467
Ion Ratio Lower Upper
152 100
115 57.0 37.5 112.7
150 155.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 27.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028509.D
Acq: 03 May 2022 18:12

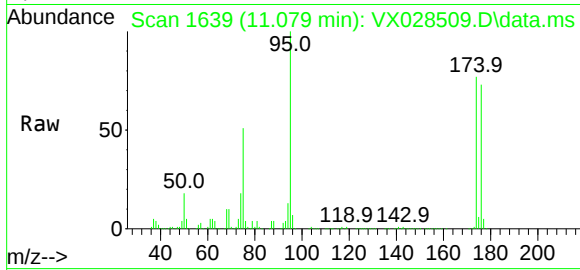
Tgt Ion: 75 Resp: 171629
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.674 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028509.D
 Acq: 03 May 2022 18:12

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-24



Tgt Ion: 75 Resp: 171629
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

