

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025558.D
 Acq On : 06 Dec 2021 18:51
 Operator : JC/MD
 Sample : PB141182ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 06:04:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

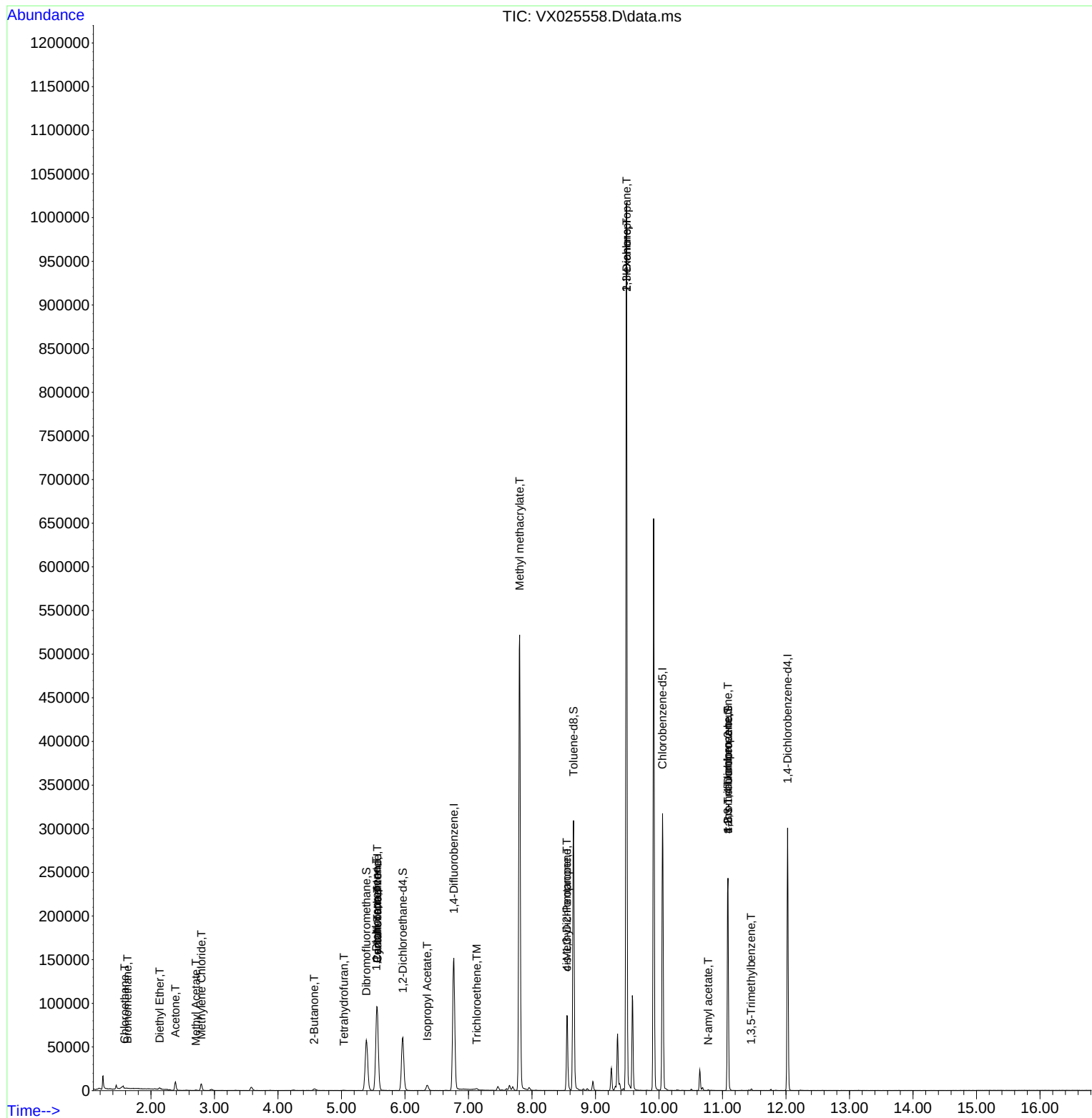
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	97394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	160664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56645	55.177	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.360%
35) Dibromofluoromethane	5.391	113	49139	49.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.700%
50) Toluene-d8	8.653	98	187551	50.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.200%
62) 4-Bromofluorobenzene	11.085	95	65108	46.434	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.860%
Target Compounds						Qvalue
5) Bromomethane	1.630	94	250	0.507	ug/l #	63
6) Chloroethane	1.587	64	754	0.952	ug/l #	43
8) Diethyl Ether	2.136	74	505	0.718	ug/l #	17
11) Tert butyl alcohol	2.959	59	1079	Below Cal	#	72
16) Acetone	2.386	43	10242	17.955	ug/l #	88
18) Methyl Acetate	2.709	43	638	0.350	ug/l	92
20) Methylene Chloride	2.794	84	3569	3.328	ug/l	93
25) 2-Butanone	4.568	43	3068	3.720	ug/l	100
29) Tetrahydrofuran	5.038	42	376	0.736	ug/l #	49
31) Cyclohexane	5.562	56	1860	1.172	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	6836	4.877	ug/l #	51
38) Carbon Tetrachloride	5.562	117	9555	6.189	ug/l #	17
43) Isopropyl Acetate	6.348	43	8598	3.239	ug/l	99
44) Trichloroethene	7.129	130	486	0.394	ug/l	67
48) Methyl methacrylate	7.806	41	44323	35.582	ug/l #	45
51) 4-Methyl-2-Pentanone	8.549	43	30099	18.085	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	14455	8.060	ug/l #	62
57) 1,3-Dichloropropane	9.488	76	8923	4.886	ug/l #	42
59) 2-Hexanone	9.488	43	115707	88.187	ug/l #	52
74) N-amyl acetate	10.775	43	559	0.285	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	31134	23.869	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.451	105	1028	0.269	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	31134	60.130	ug/l #	9
95) Naphthalene	13.780	128	93	Below Cal	#	69

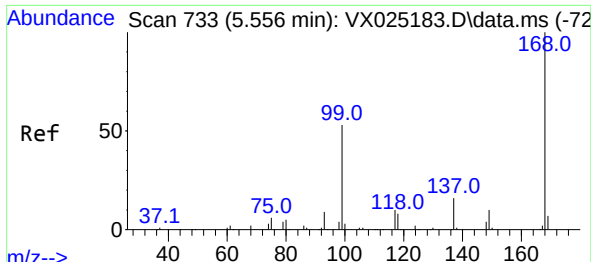
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
Data File : VX025558.D
Acq On : 06 Dec 2021 18:51
Operator : JC/MD
Sample : PB141182ZHE#08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

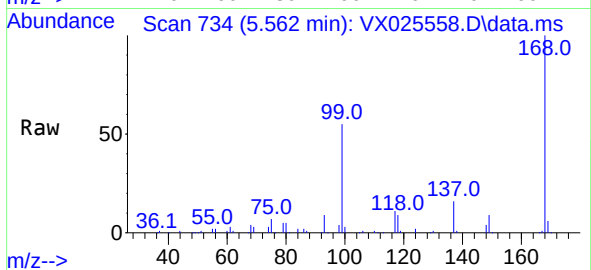
Quant Time: Dec 07 06:04:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



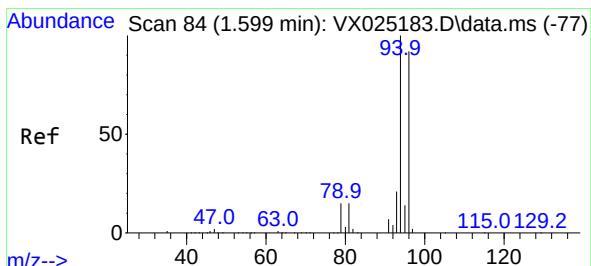
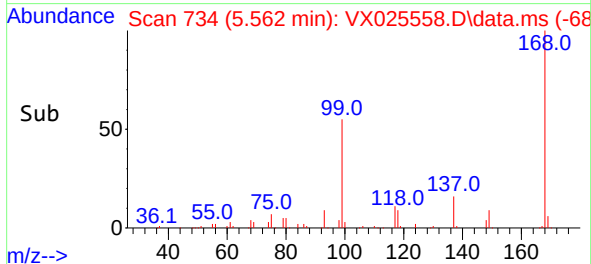
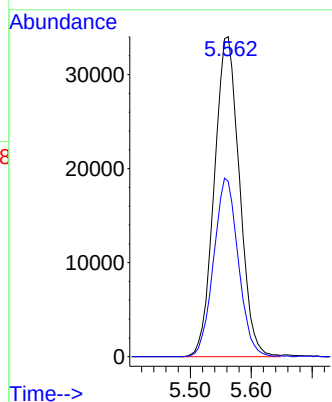


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :

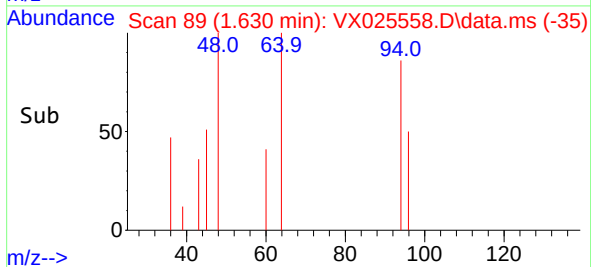
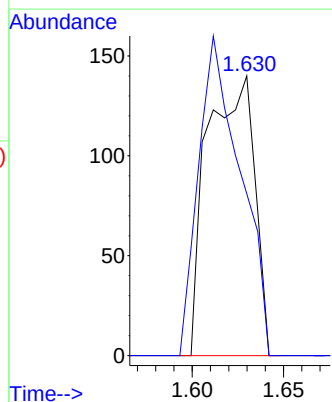
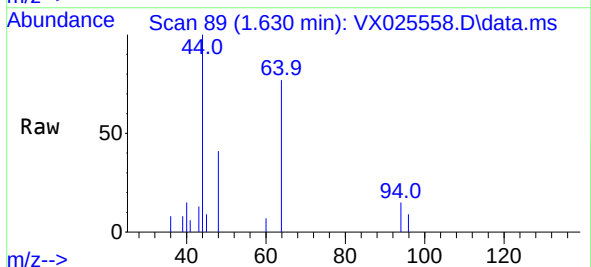


Tgt Ion:168 Resp: 97394
Ion Ratio Lower Upper
168 100
99 54.8 46.4 69.6

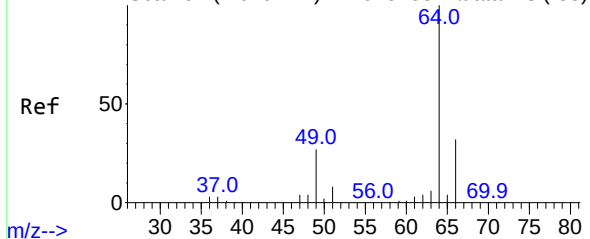


#5
Bromomethane
Concen: 0.507 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

Tgt Ion: 94 Resp: 250
Ion Ratio Lower Upper
94 100
96 57.9 74.8 112.2#



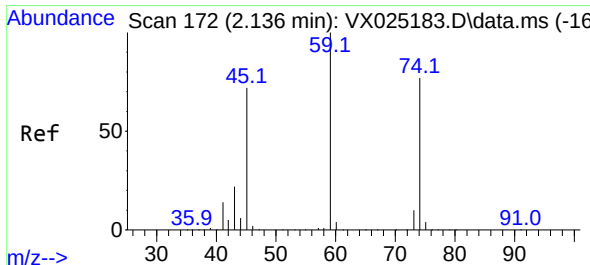
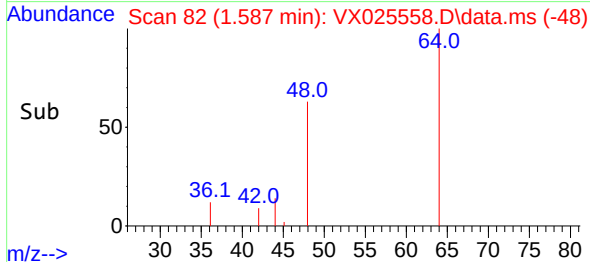
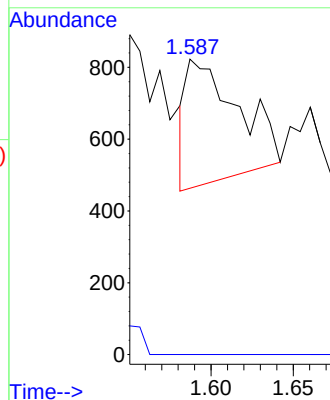
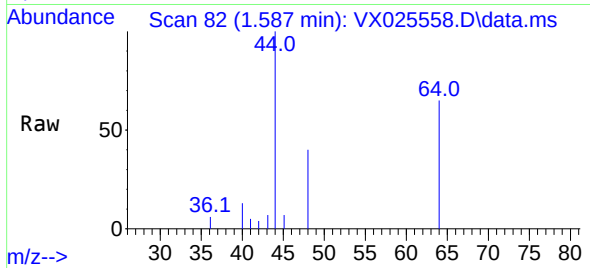
Abundance Scan 97 (1.679 min): VX025183.D\data.ms (-88)



#6
Chloroethane
Concen: 0.952 ug/l
RT: 1.587 min Scan# 81
Delta R.T. -0.092 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

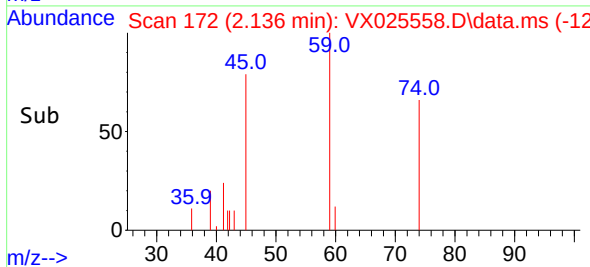
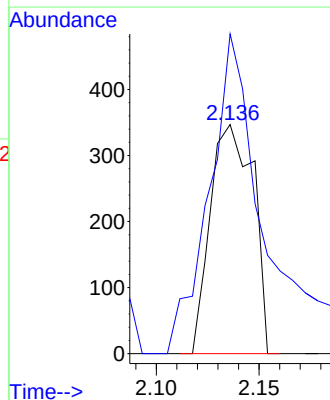
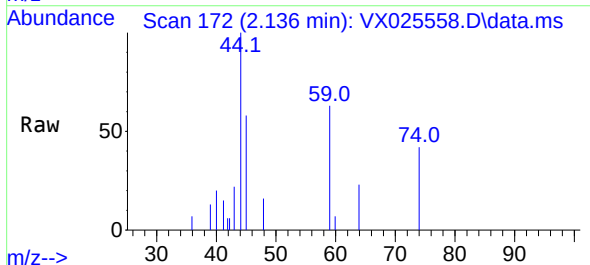
Instrument :
MSVOA_X
ClientSampleId :

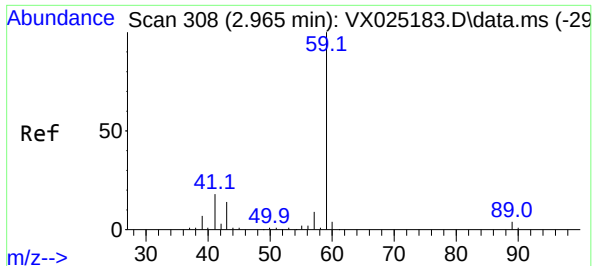
Tgt Ion: 64 Resp: 754
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#8
Diethyl Ether
Concen: 0.718 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

Tgt Ion: 74 Resp: 505
Ion Ratio Lower Upper
74 100
45 176.0 47.6 142.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX025558.D

Acq: 06 Dec 2021 18:51

Instrument :

MSVOA_X

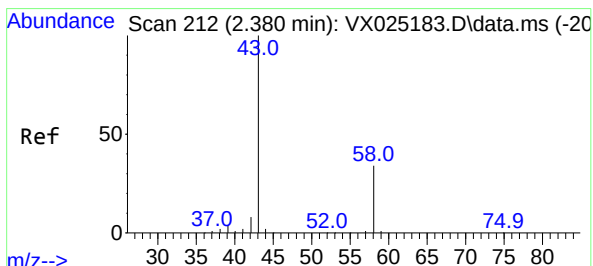
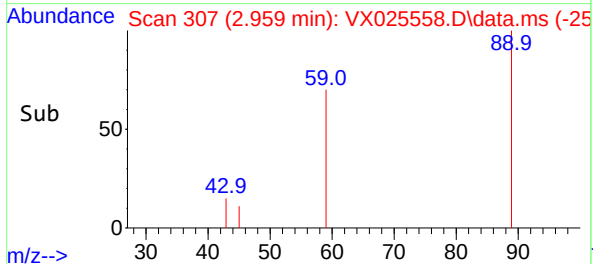
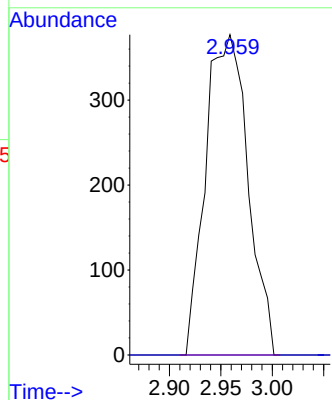
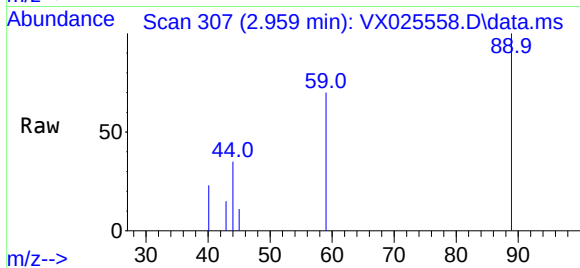
ClientSampleId :

Tgt Ion: 59 Resp: 1079

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 17.955 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX025558.D

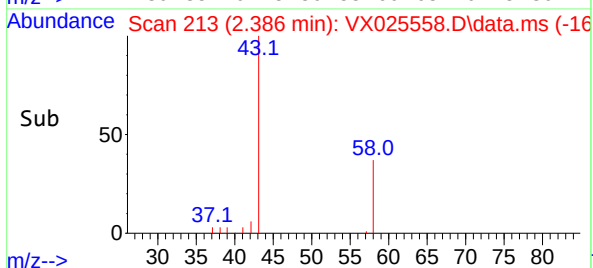
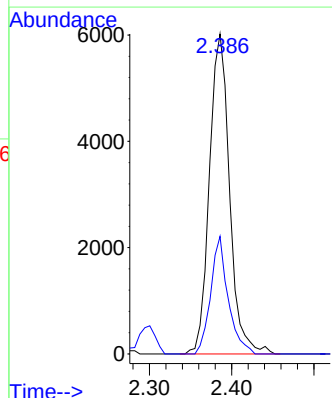
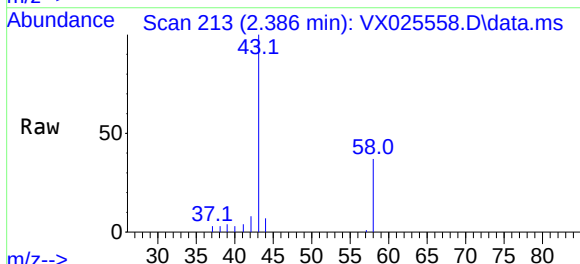
Acq: 06 Dec 2021 18:51

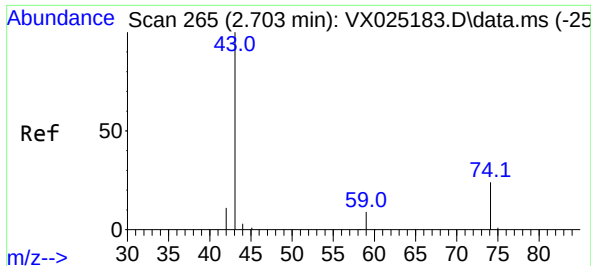
Tgt Ion: 43 Resp: 10242

Ion Ratio Lower Upper

43 100

58 36.7 24.0 36.0#

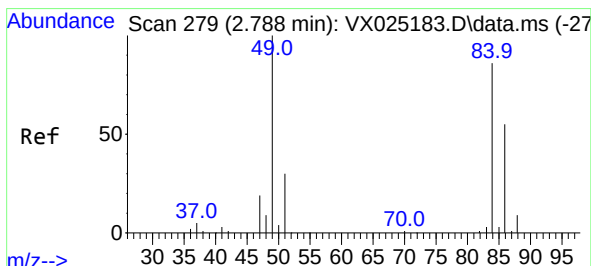
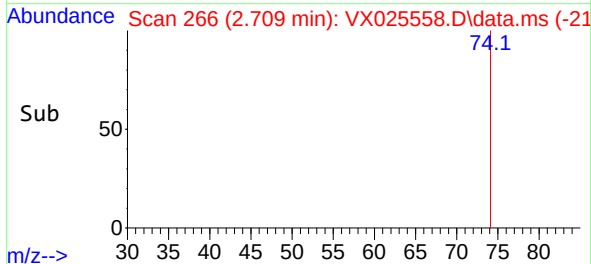
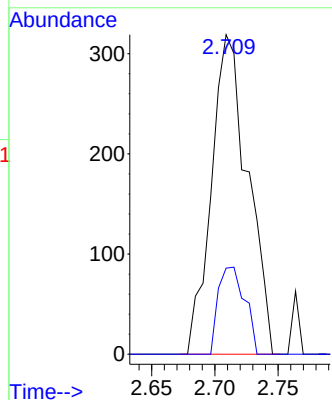
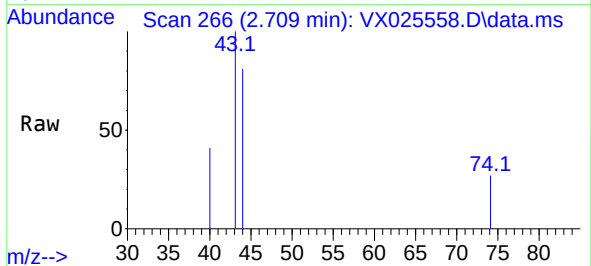




#18
Methyl Acetate
Concen: 0.350 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

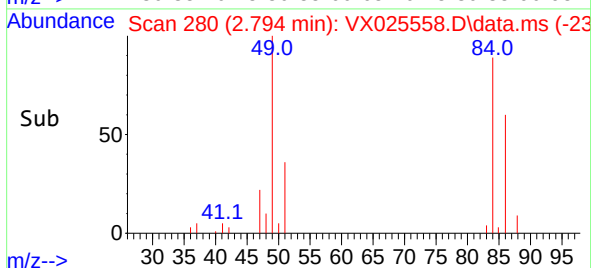
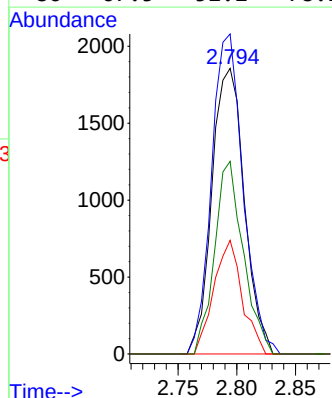
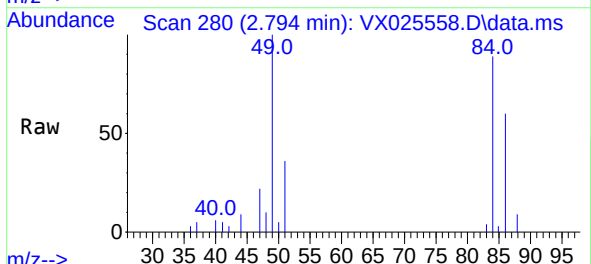
Instrument :
MSVOA_X
ClientSampleId :

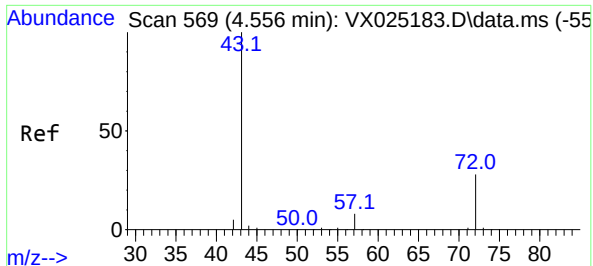
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
74 19.9 19.0 28.6



#20
Methylene Chloride
Concen: 3.328 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

Tgt Ion: 84 Resp: 3569
Ion Ratio Lower Upper
84 100
49 112.1 98.2 147.2
51 39.8 30.2 45.4
86 67.5 52.2 78.2

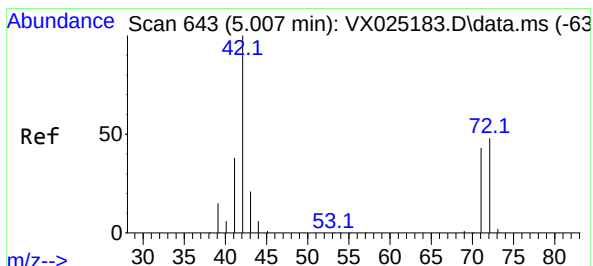
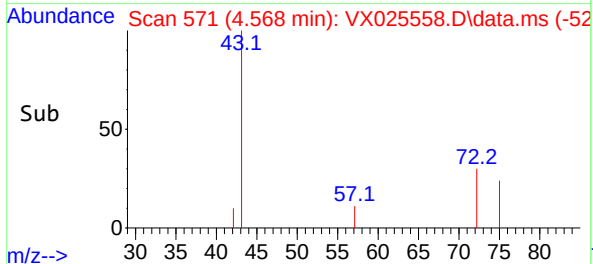
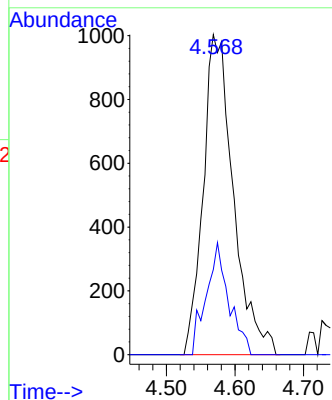
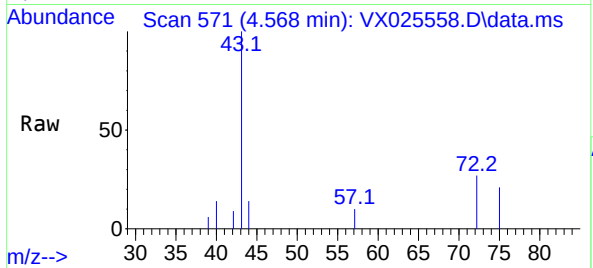




#25
2-Butanone
Concen: 3.720 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

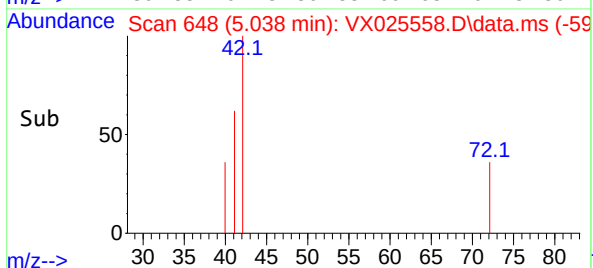
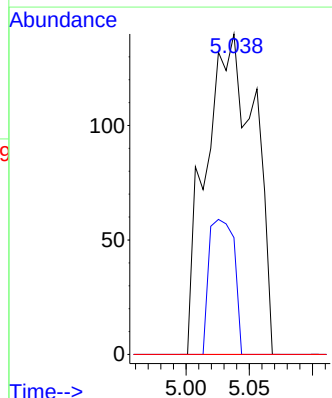
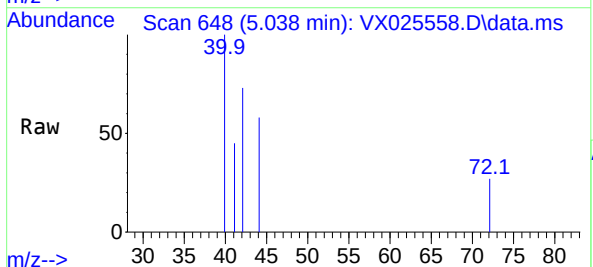
Instrument :
MSVOA_X
ClientSampleId :

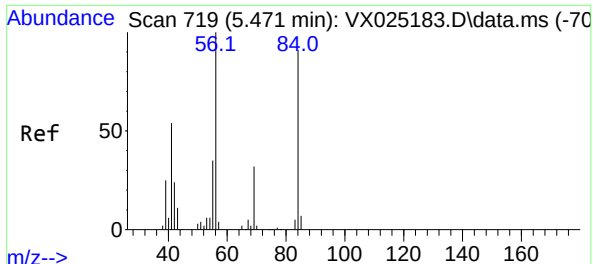
Tgt Ion: 43 Resp: 3068
Ion Ratio Lower Upper
43 100
72 26.6 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.736 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.031 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

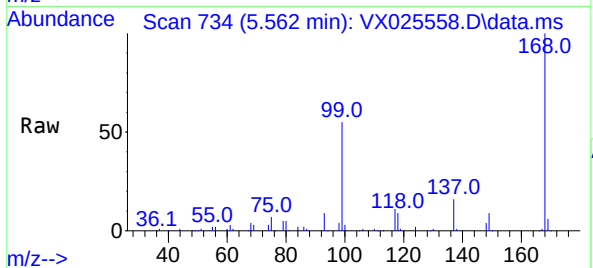
Tgt Ion: 42 Resp: 376
Ion Ratio Lower Upper
42 100
72 21.8 36.1 54.1#
71 0.0 33.7 50.5#



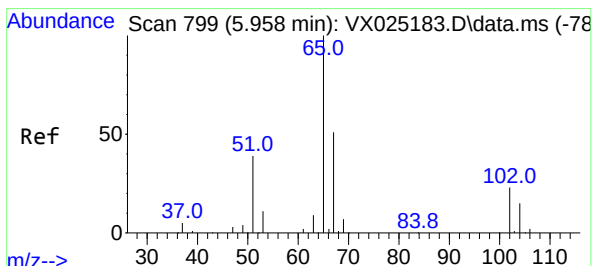
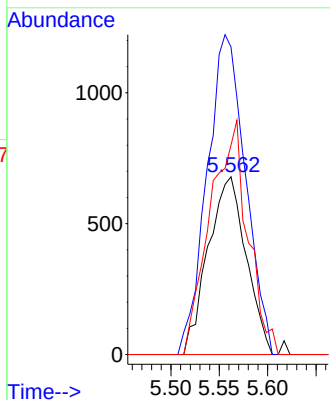
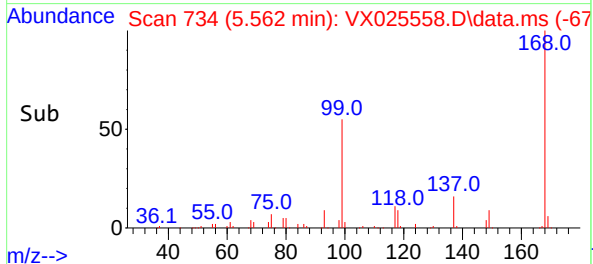


#31
Cyclohexane
Concen: 1.172 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :

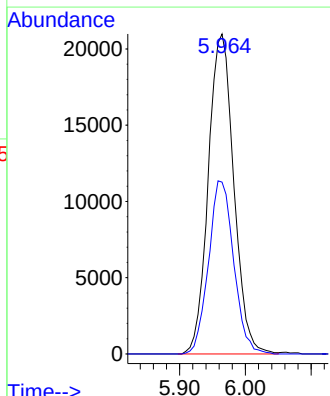
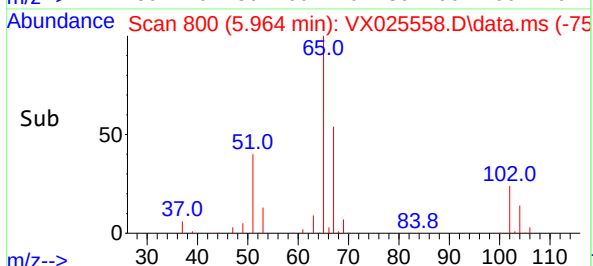
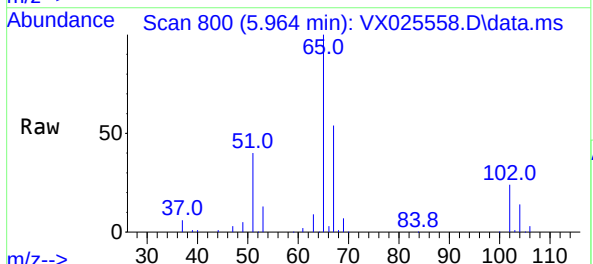


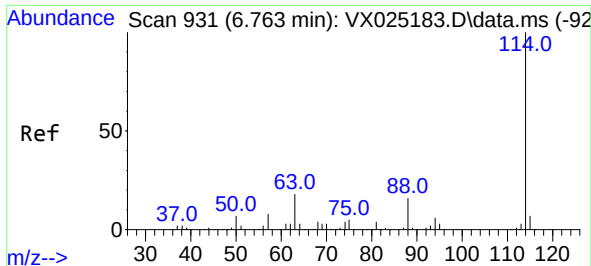
Tgt Ion: 56 Resp: 1860
Ion Ratio Lower Upper
56 100
69 173.0 24.2 36.2#
84 117.8 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 55.177 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

Tgt Ion: 65 Resp: 56645
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.0

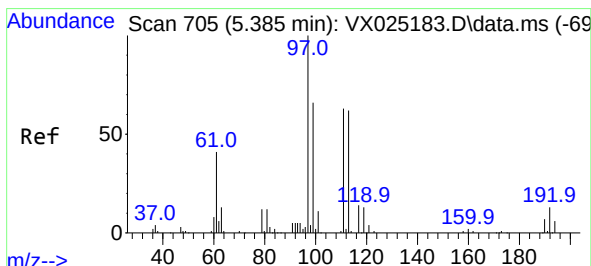
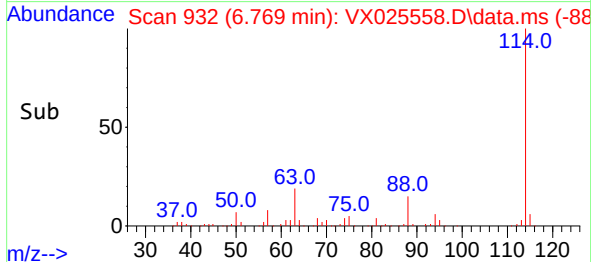
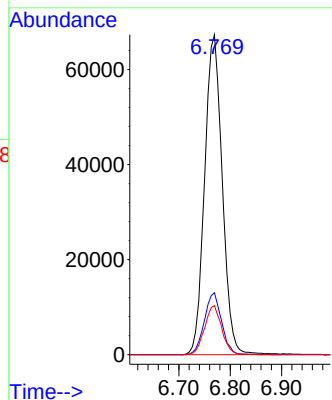
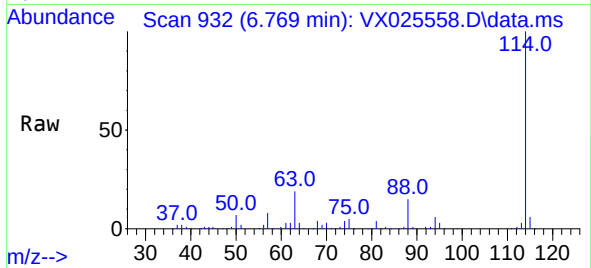




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

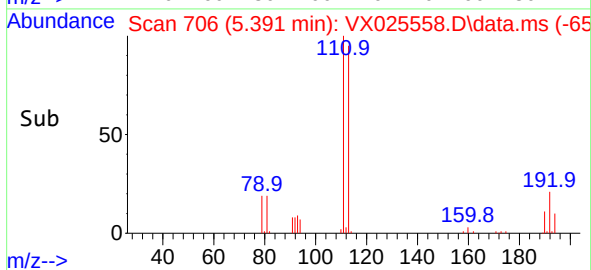
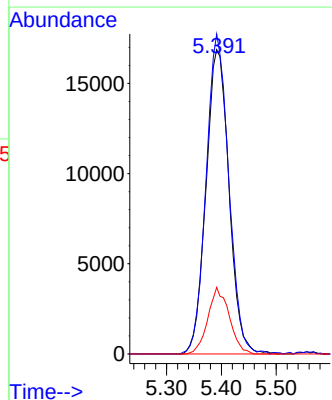
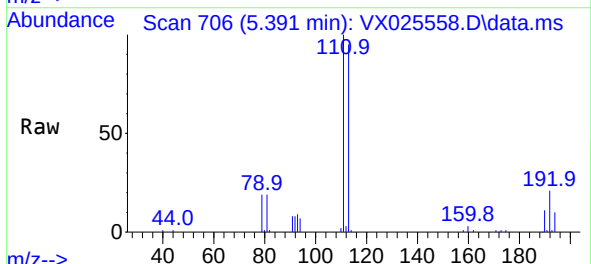
Instrument :
MSVOA_X
ClientSampleId :

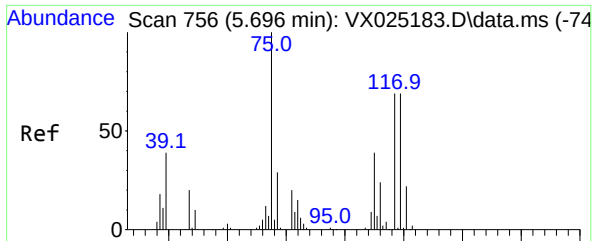
Tgt Ion:114 Resp: 160664
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.848 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

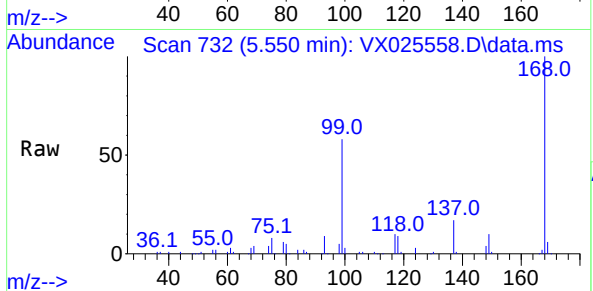
Tgt Ion:113 Resp: 49139
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 20.3 15.6 23.4



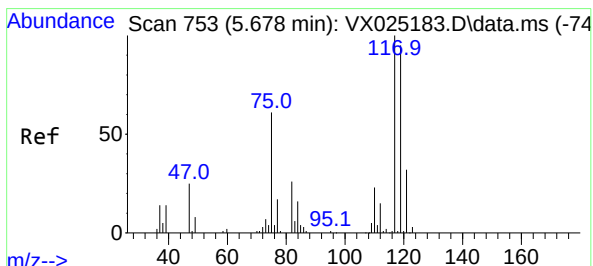
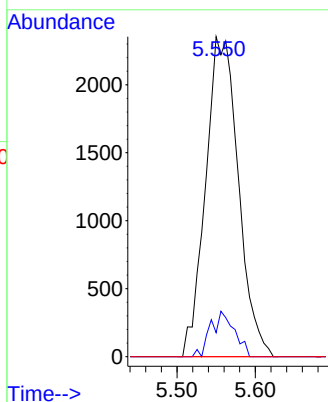
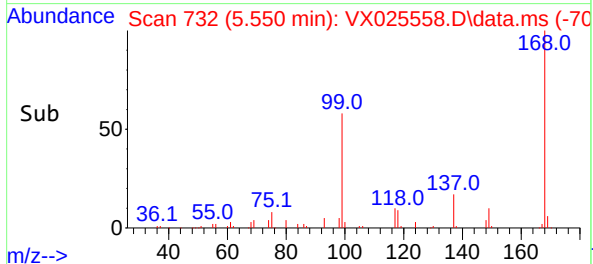


#36
1,1-Dichloropropene
Concen: 4.877 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

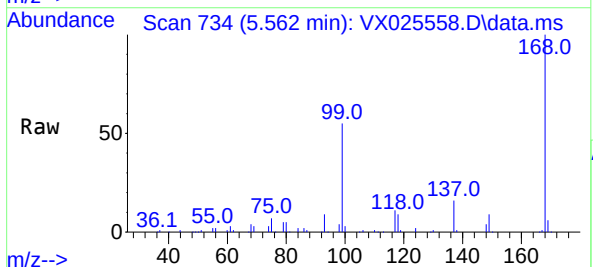
Instrument :
MSVOA_X
ClientSampleId :



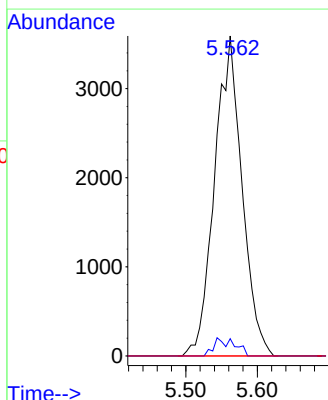
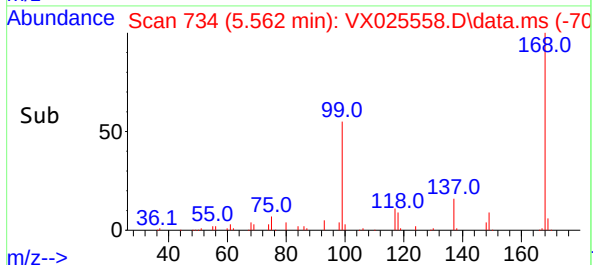
Tgt Ion: 75 Resp: 6836
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.3#
77 0.0 24.4 36.6#

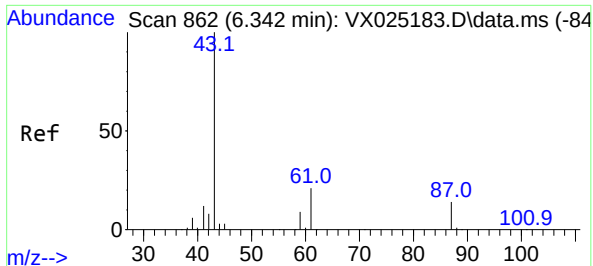


#38
Carbon Tetrachloride
Concen: 6.189 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51



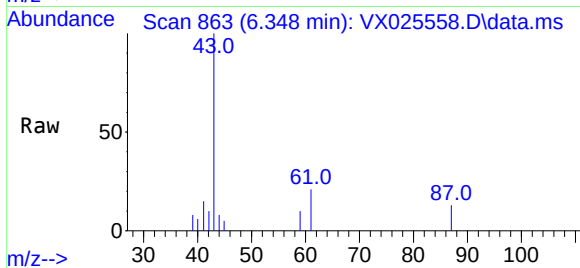
Tgt Ion: 117 Resp: 9555
Ion Ratio Lower Upper
117 100
119 5.4 75.6 113.4#
121 0.0 23.7 35.5#



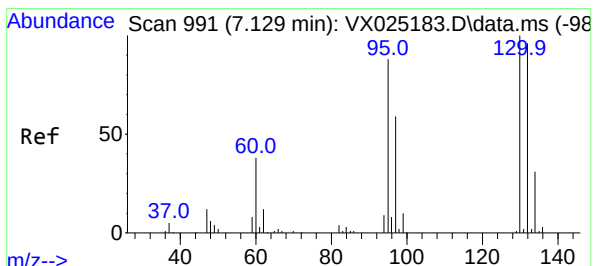
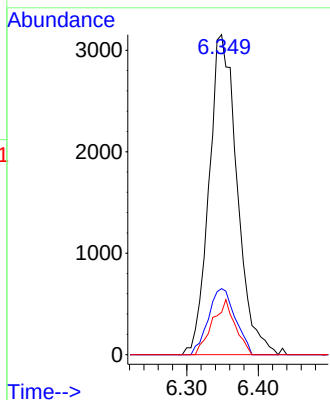
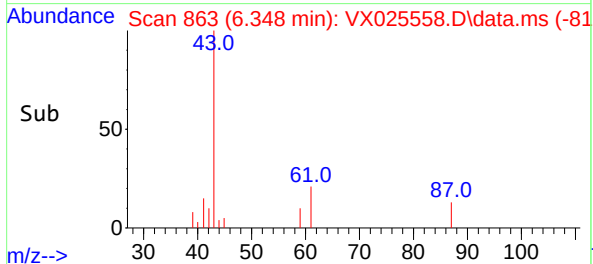


#43
Isopropyl Acetate
Concen: 3.239 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :

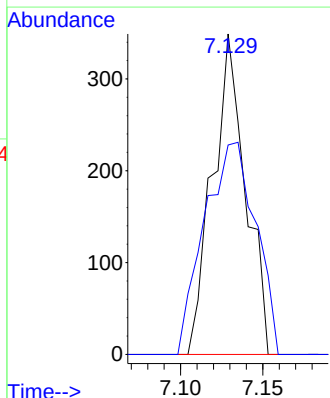
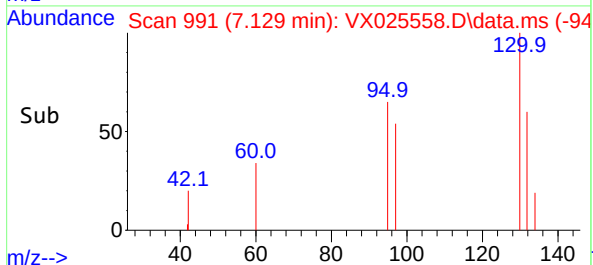
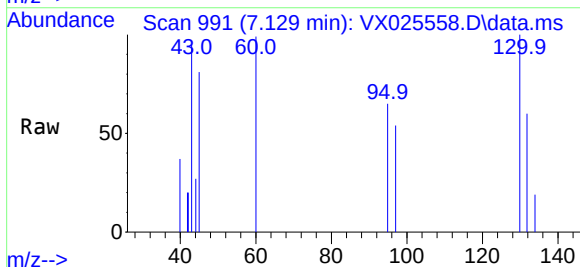


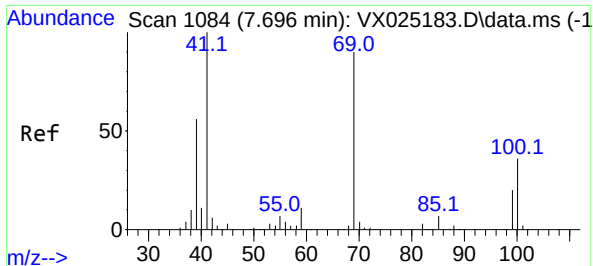
Tgt Ion: 43 Resp: 8598
Ion Ratio Lower Upper
43 100
61 19.8 15.3 22.9
87 13.9 10.9 16.3



#44
Trichloroethene
Concen: 0.394 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

Tgt Ion: 130 Resp: 486
Ion Ratio Lower Upper
130 100
95 65.3 0.0 196.8





#48

Methyl methacrylate

Concen: 35.582 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX025558.D

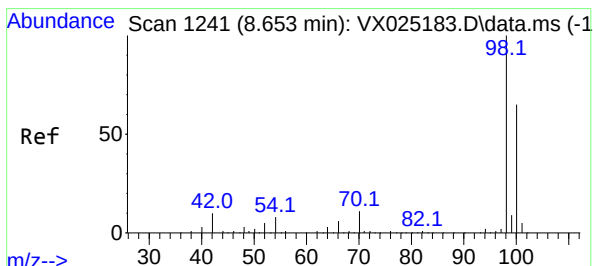
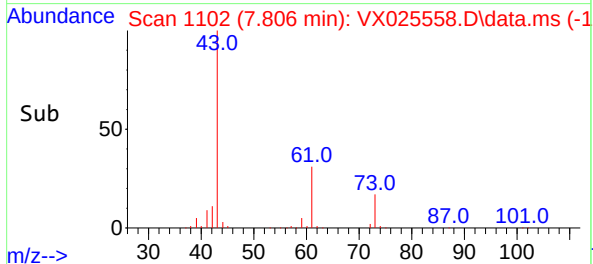
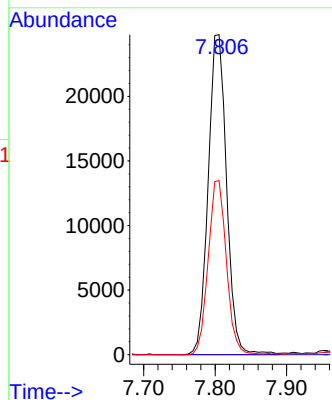
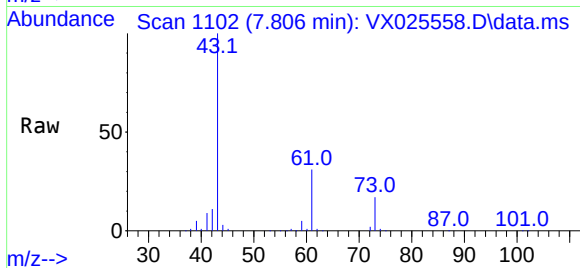
Acq: 06 Dec 2021 18:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	44323
Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.5	96.7#
39	53.7	46.9	70.3



#50

Toluene-d8

Concen: 50.602 ug/l

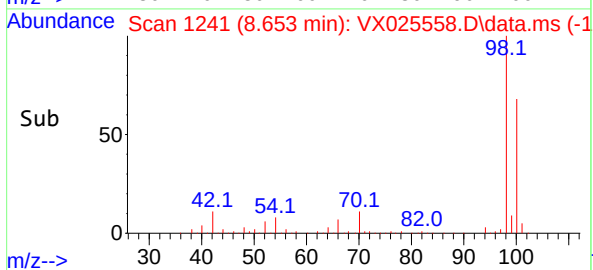
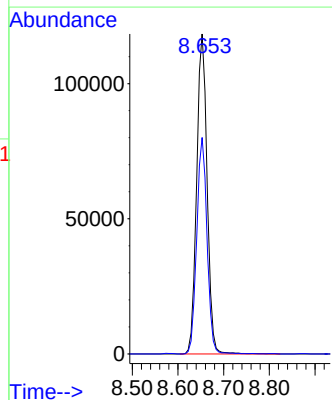
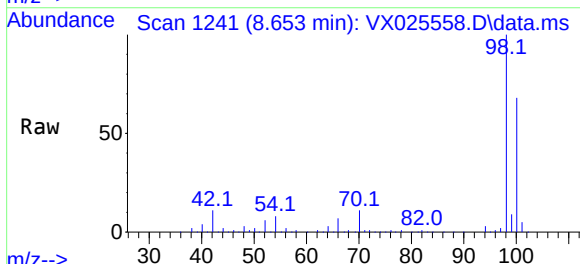
RT: 8.653 min Scan# 1241

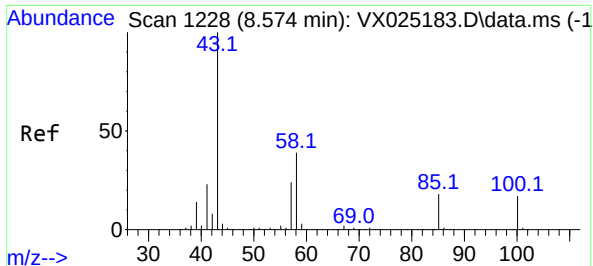
Delta R.T. -0.000 min

Lab File: VX025558.D

Acq: 06 Dec 2021 18:51

Tgt Ion:	98	Resp:	187551
Ion	Ratio	Lower	Upper
98	100		
100	66.9	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 18.085 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX025558.D

Acq: 06 Dec 2021 18:51

Instrument :

MSVOA_X

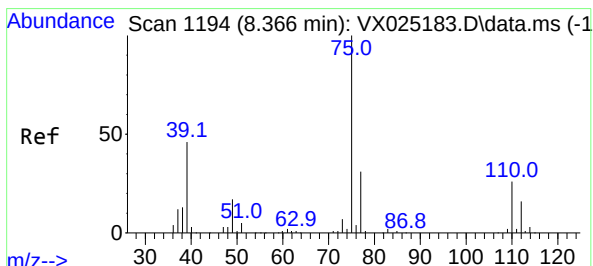
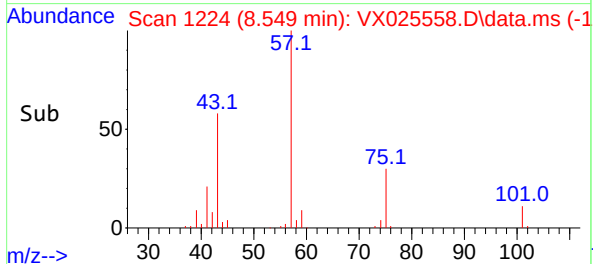
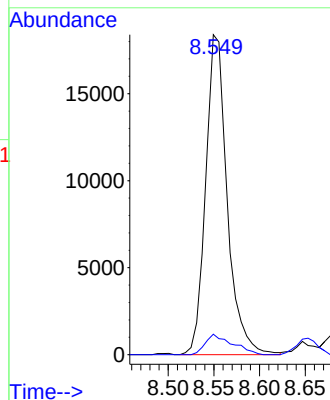
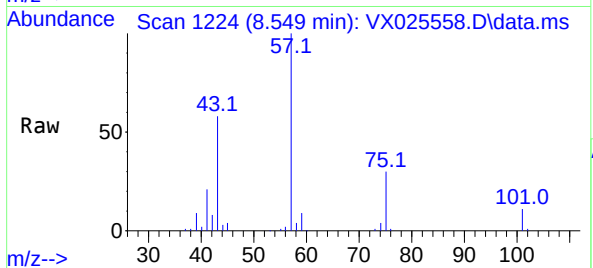
ClientSampleId :

Tgt Ion: 43 Resp: 30099

Ion Ratio Lower Upper

43 100

58 8.0 30.9 46.3#



#54

cis-1,3-Dichloropropene

Concen: 8.060 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX025558.D

Acq: 06 Dec 2021 18:51

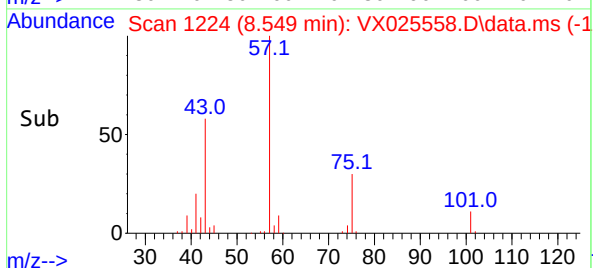
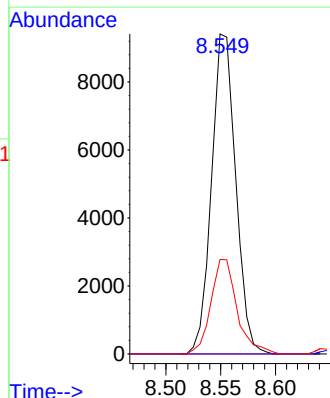
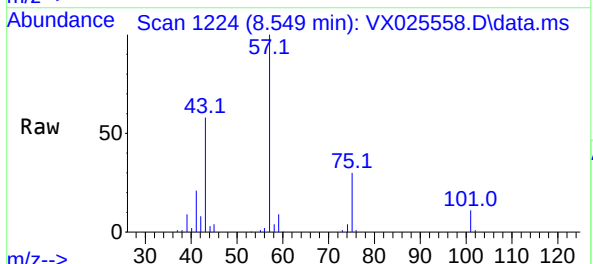
Tgt Ion: 75 Resp: 14455

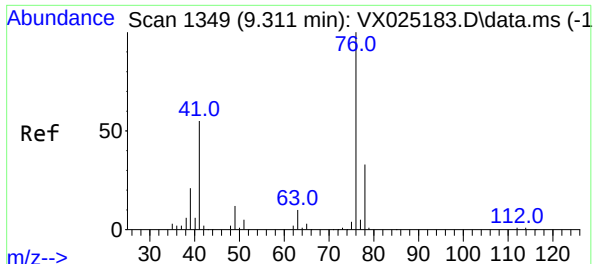
Ion Ratio Lower Upper

75 100

77 0.0 23.8 35.8#

39 29.6 38.8 58.2#

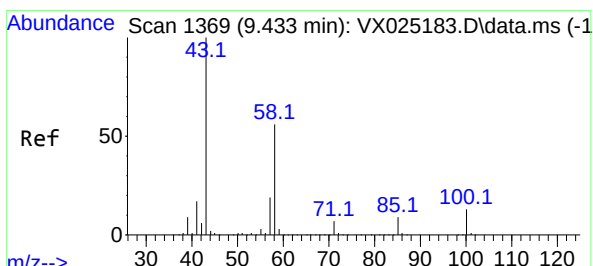
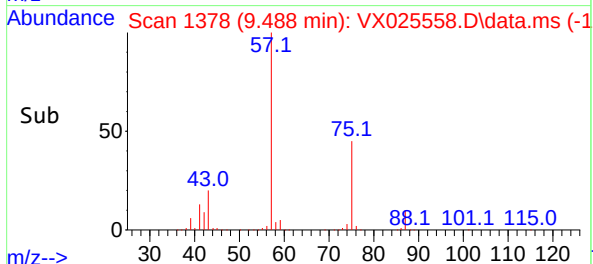
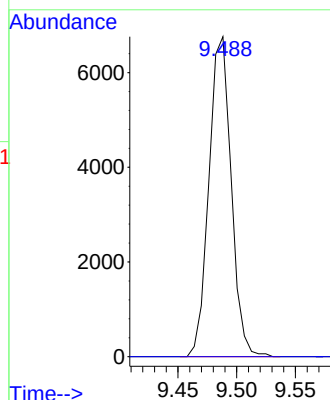
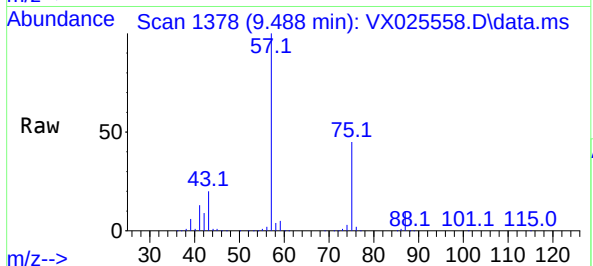




#57
1,3-Dichloropropane
Concen: 4.886 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

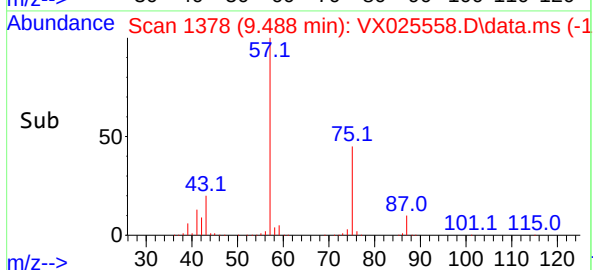
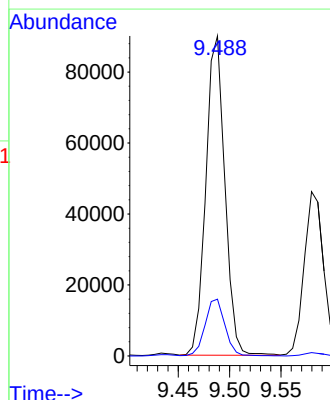
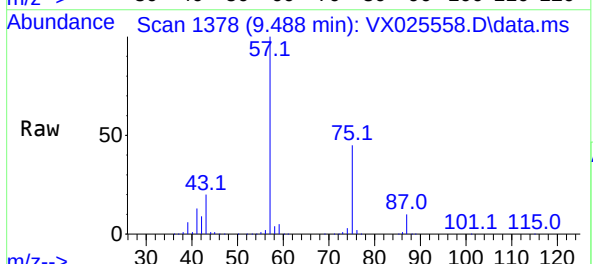
Instrument :
MSVOA_X
ClientSampleId :

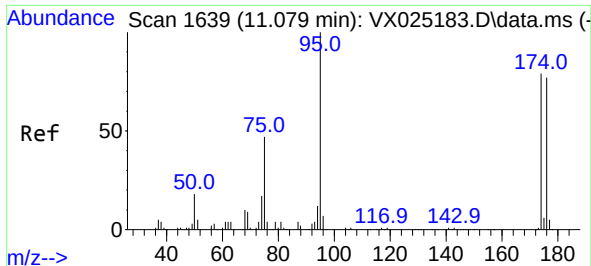
Tgt Ion: 76 Resp: 8923
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 88.187 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

Tgt Ion: 43 Resp: 115707
Ion Ratio Lower Upper
43 100
58 18.7 26.6 79.7#

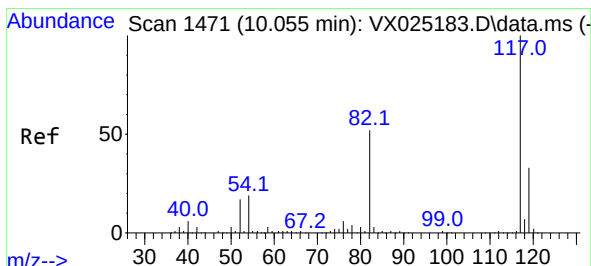
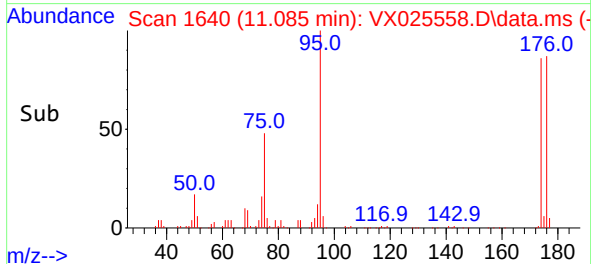
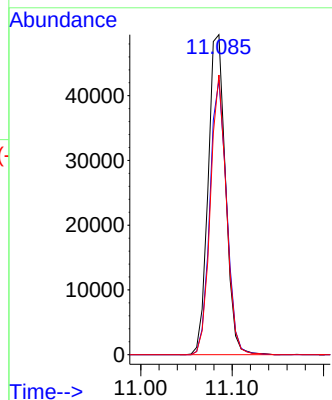
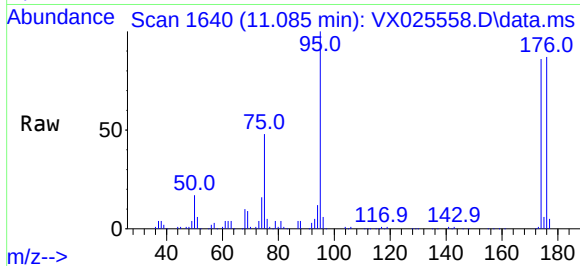




#62
4-Bromofluorobenzene
Concen: 46.434 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

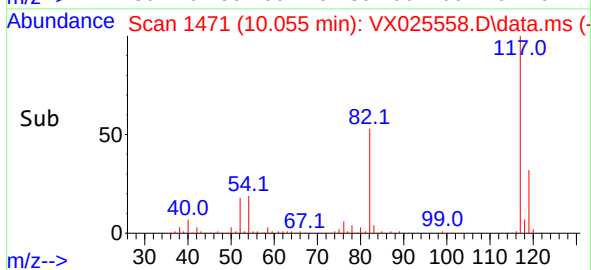
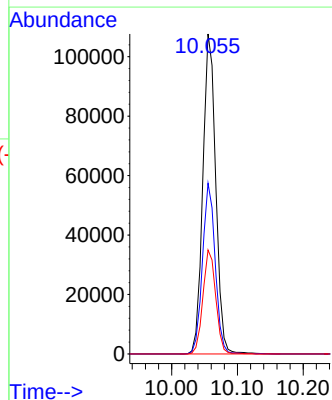
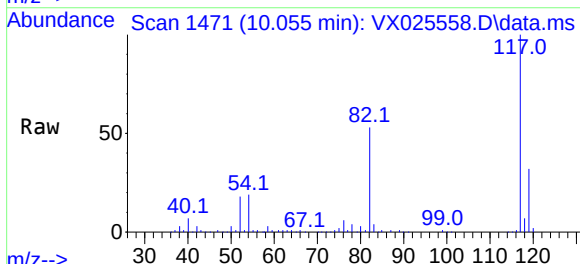
Instrument :
MSVOA_X
ClientSampleId :

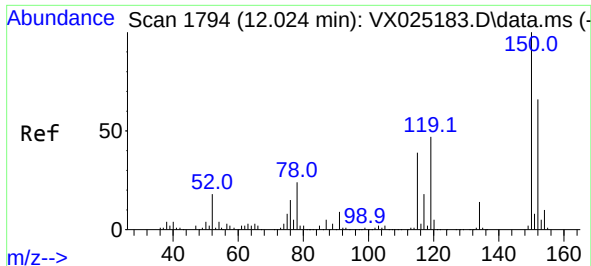
Tgt Ion: 95 Resp: 65108
Ion Ratio Lower Upper
95 100
174 82.9 0.0 158.0
176 80.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

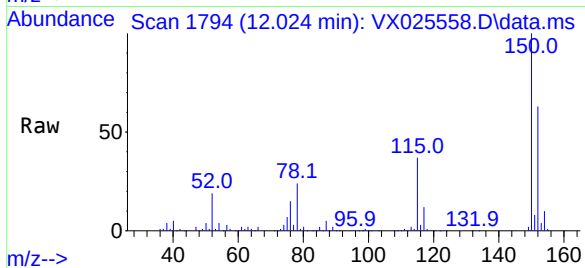
Tgt Ion: 117 Resp: 146841
Ion Ratio Lower Upper
117 100
82 53.3 44.6 67.0
119 32.5 24.8 37.2



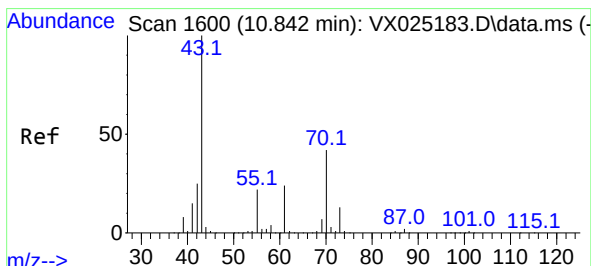
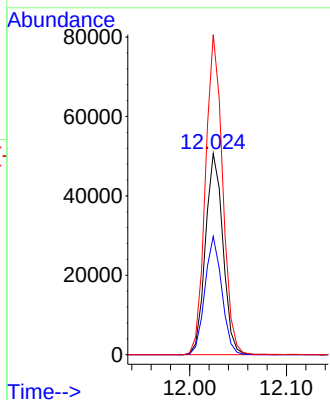
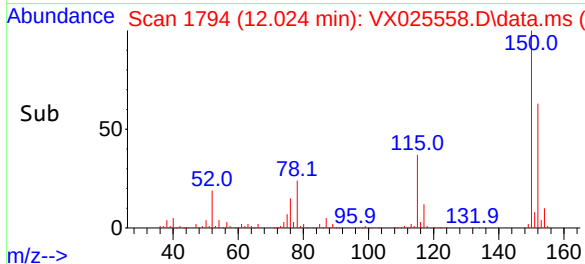


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

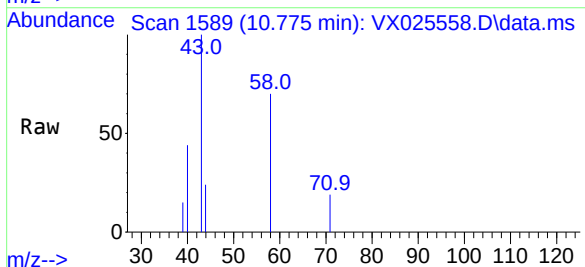
Instrument :
MSVOA_X
ClientSampleId :



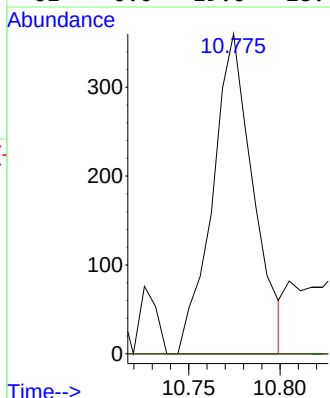
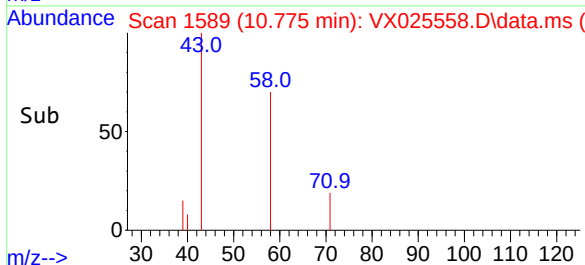
Tgt Ion:152 Resp: 63696
Ion Ratio Lower Upper
152 100
115 56.9 43.3 129.8
150 156.2 0.0 351.2

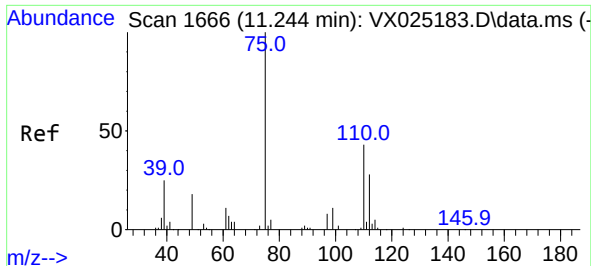


#74
N-ethyl acetate
Concen: 0.285 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.067 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51



Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
70 0.0 33.7 50.5#
55 0.0 19.7 29.5#
61 0.0 19.0 28.4#

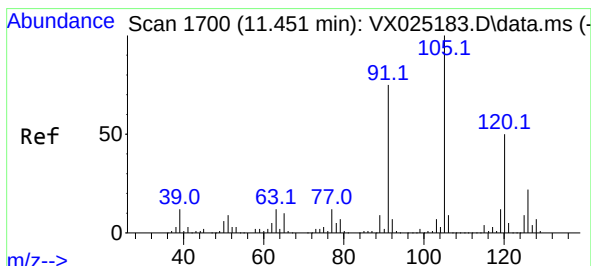
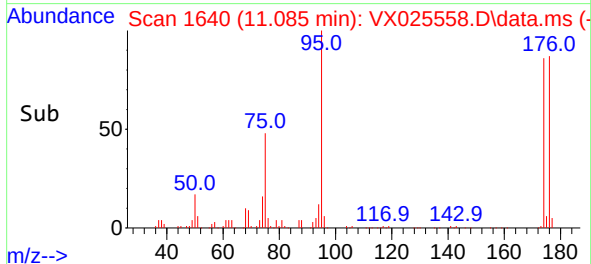
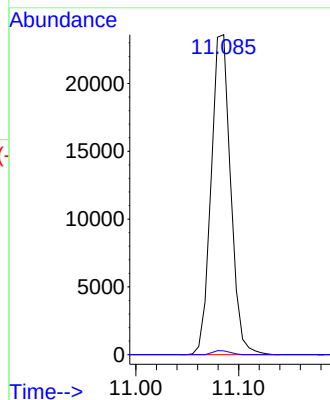
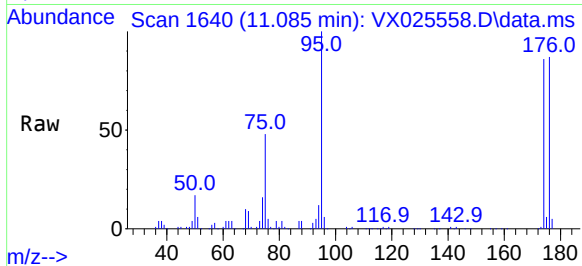




#76
1,2,3-Trichloropropane
Concen: 23.869 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.159 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

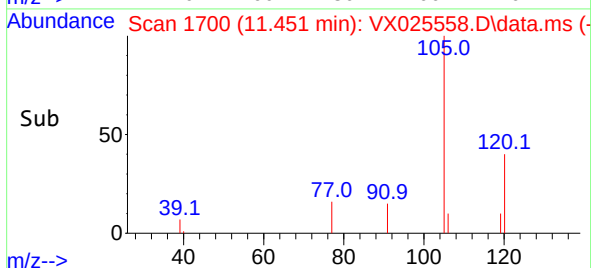
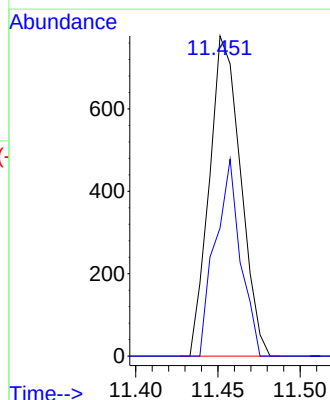
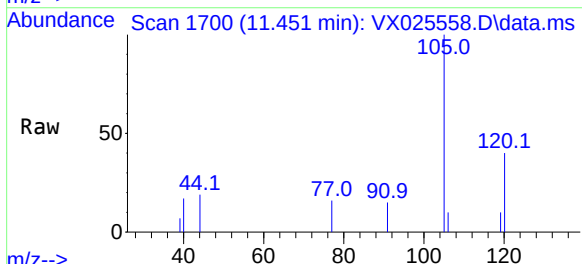
Instrument :
MSVOA_X
ClientSampleId :

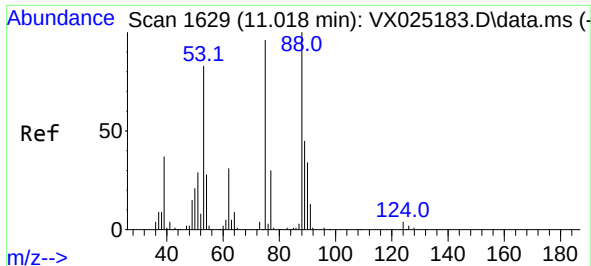
Tgt Ion: 75 Resp: 31134
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#80
1,3,5-Trimethylbenzene
Concen: 0.269 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

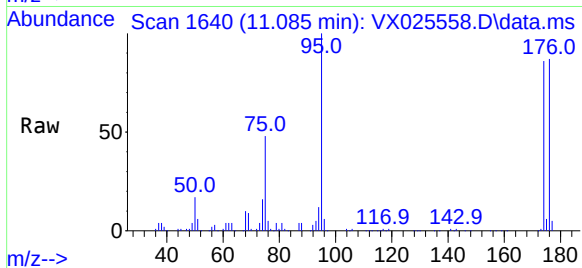
Tgt Ion: 105 Resp: 1028
Ion Ratio Lower Upper
105 100
120 49.4 23.8 71.5



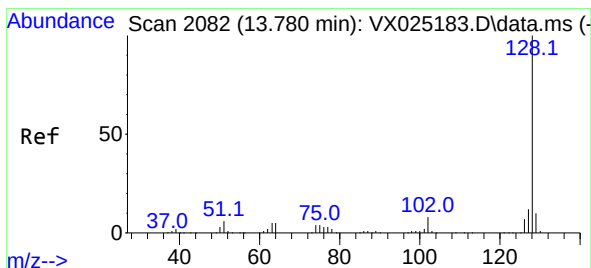
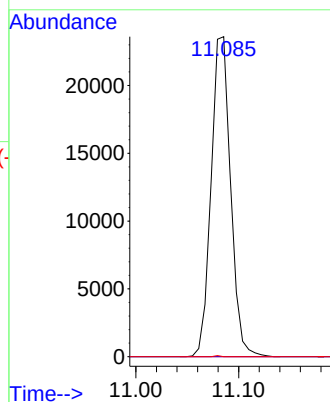
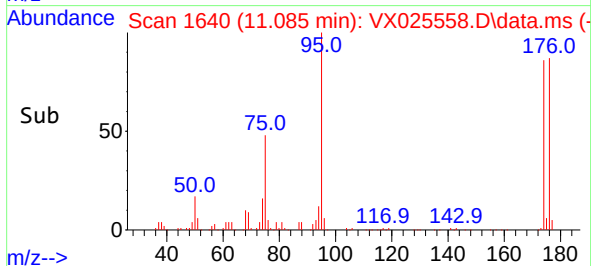


#81
trans-1,4-Dichloro-2-butene
Concen: 60.130 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51

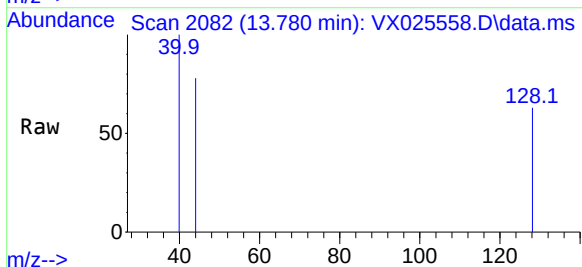
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 31134
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.1 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025558.D
Acq: 06 Dec 2021 18:51



Tgt Ion: 128 Resp: 93
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

