

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012423\
 Data File : VX033864.D
 Acq On : 24 Jan 2023 12:02
 Operator : JC/MD
 Sample : VX0124WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBL01

Quant Time: Jan 25 03:14:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

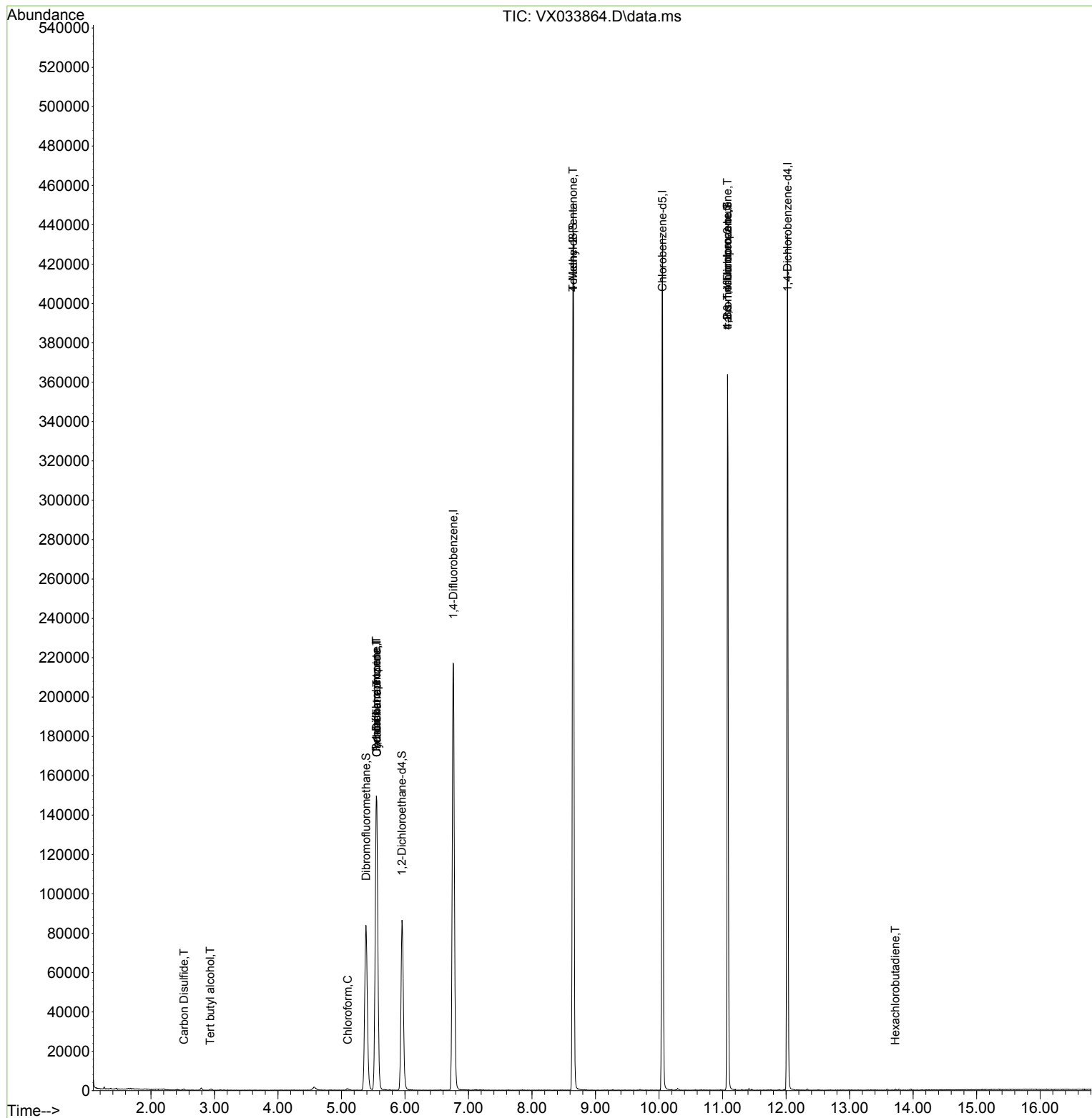
Internal Standards						
1) Pentafluorobenzene	5.550	168	166447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80652	46.020	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.040%
35) Dibromofluoromethane	5.385	113	73563	49.104	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	8.647	98	273797	50.161	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	94709	46.733	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	378	1.242	ug/l #	86
16) Acetone	2.398	43	185	Below Cal	#	47
17) Carbon Disulfide	2.520	76	782	2.042	ug/l #	76
20) Methylene Chloride	2.794	84	570	Below Cal	#	89
30) Chloroform	5.099	83	1135	0.394	ug/l	92
31) Cyclohexane	5.556	56	2393	0.928	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9819	4.491	ug/l #	48
38) Carbon Tetrachloride	5.556	117	13772	6.082	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1107	0.522	ug/l #	1
73) Isopropylbenzene	10.963	105	118	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	43589	23.304	ug/l #	34
79) 2-Chlorotoluene	11.372	91	136	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43589	72.425	ug/l #	8
82) 4-Chlorotoluene	11.457	91	255	Below Cal	#	61
94) Hexachlorobutadiene	13.719	225	223	0.204	ug/l #	71

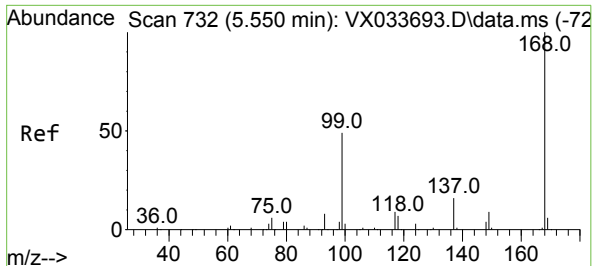
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
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Quant Time: Jan 25 03:14:27 2023
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Quant Title : SW846 8260
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Response via : Initial Calibration

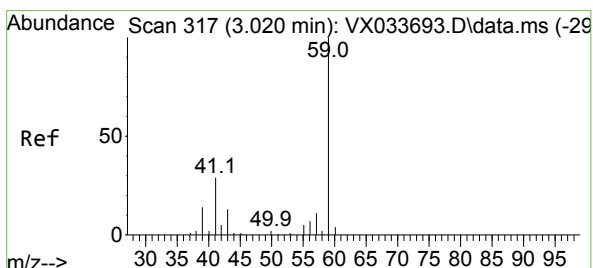
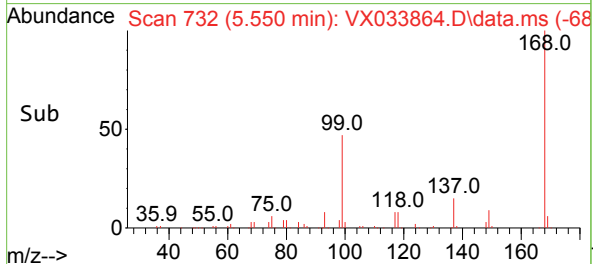
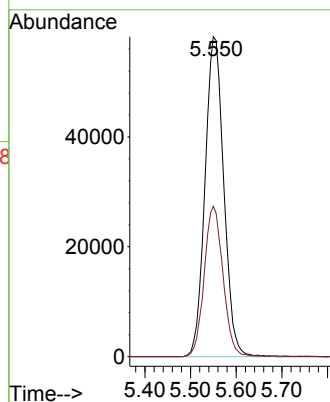
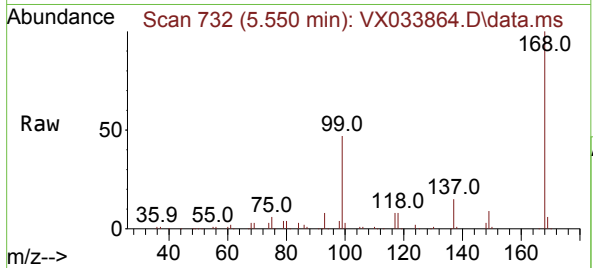




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

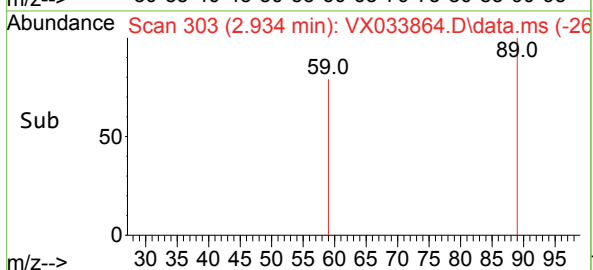
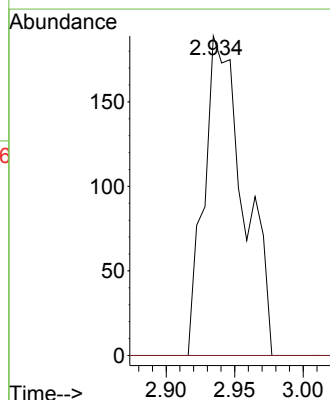
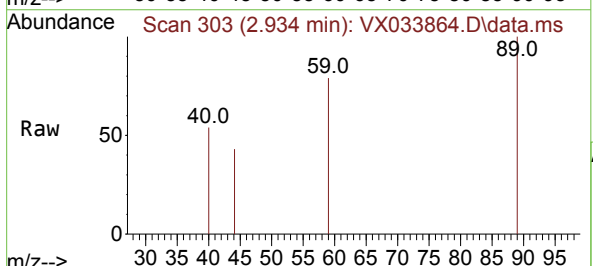
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBL01

Tgt Ion:168 Resp: 166447
Ion Ratio Lower Upper
168 100
99 47.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.242 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.085 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

Tgt Ion: 59 Resp: 378
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

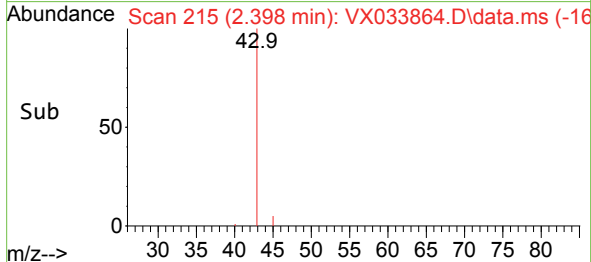
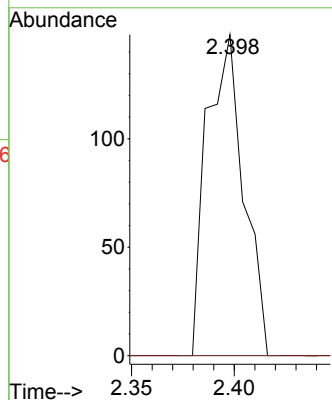
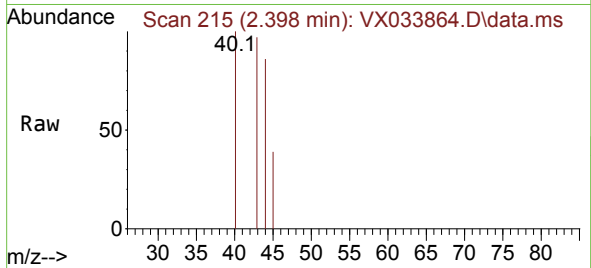




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

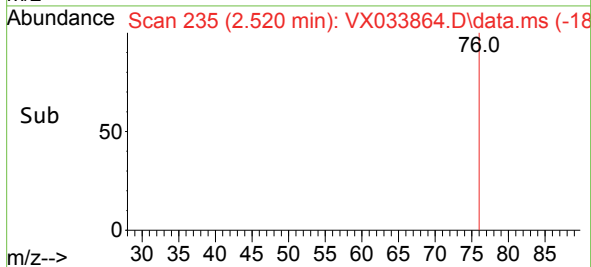
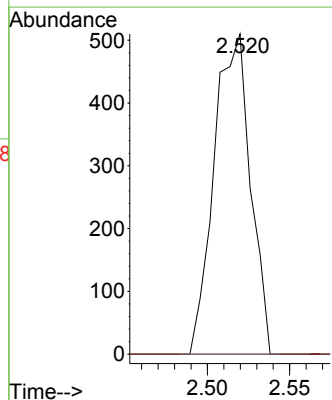
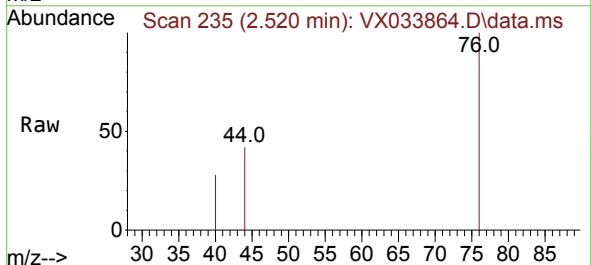
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBL01

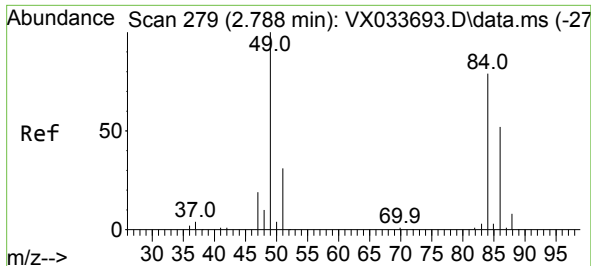
Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 2.042 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

Tgt Ion: 76 Resp: 782
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX033864.D

Acq: 24 Jan 2023 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBL01

Tgt Ion: 84 Resp: 570

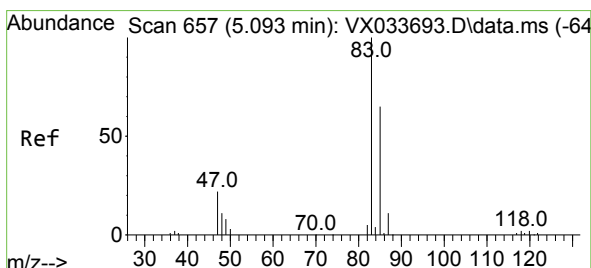
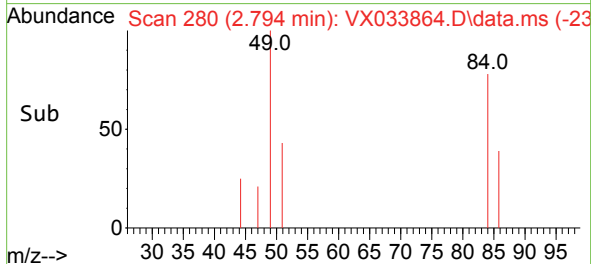
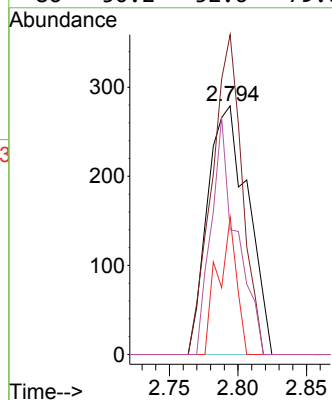
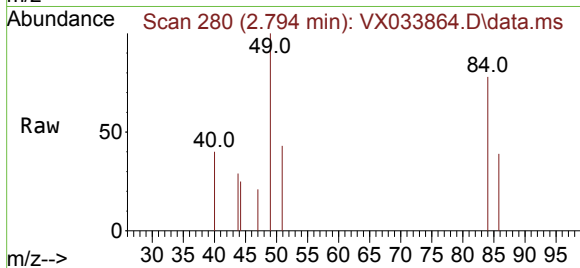
Ion Ratio Lower Upper

84 100

49 128.7 101.1 151.7

51 55.2 31.0 46.6#

86 50.2 52.6 79.0#



#30

Chloroform

Concen: 0.394 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX033864.D

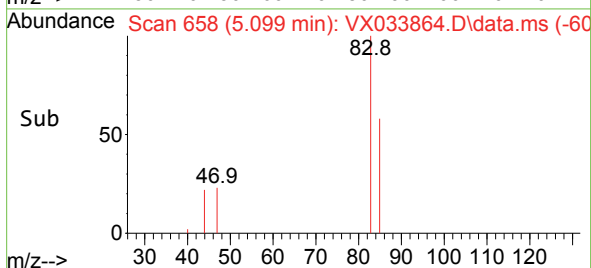
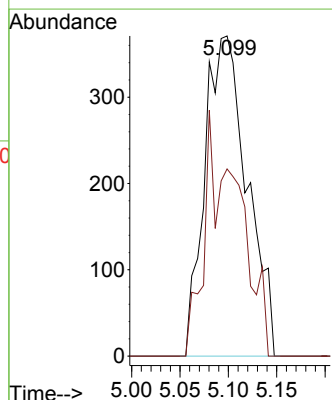
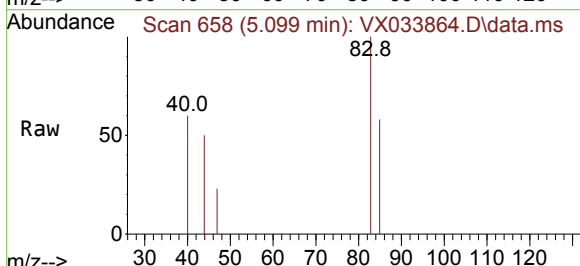
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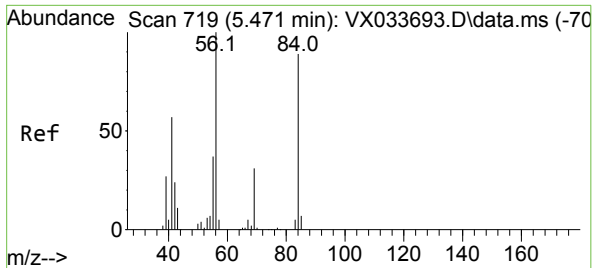
Tgt Ion: 83 Resp: 1135

Ion Ratio Lower Upper

83 100

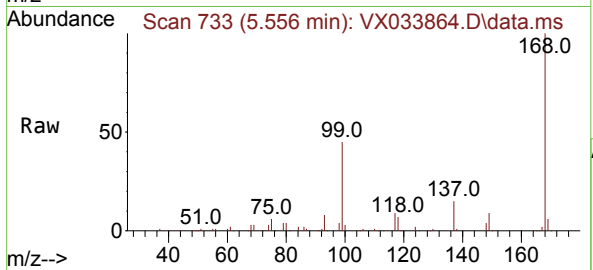
85 58.5 52.1 78.1



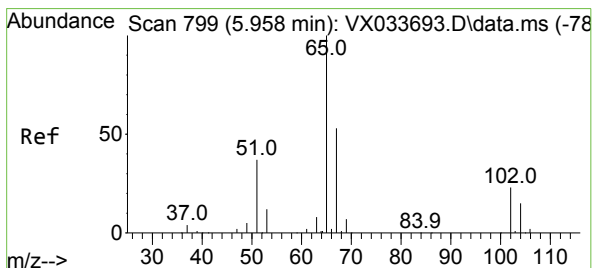
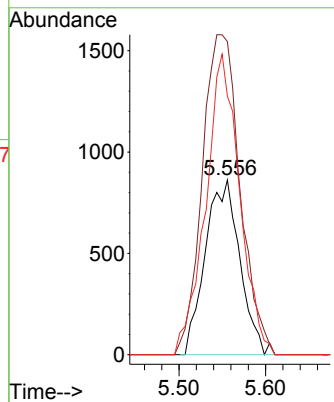
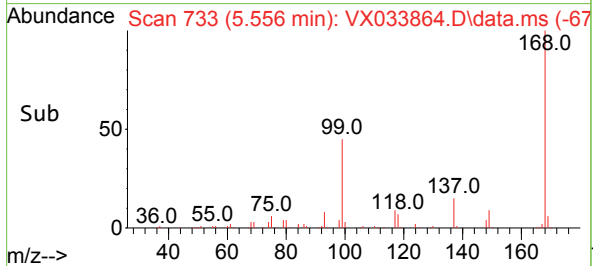


#31
Cyclohexane
Concen: 0.928 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBL01

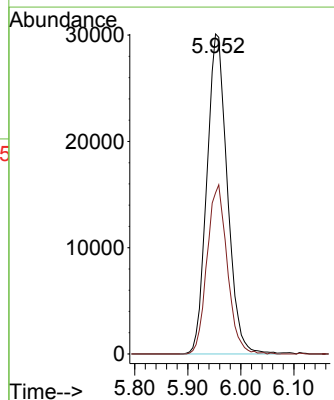
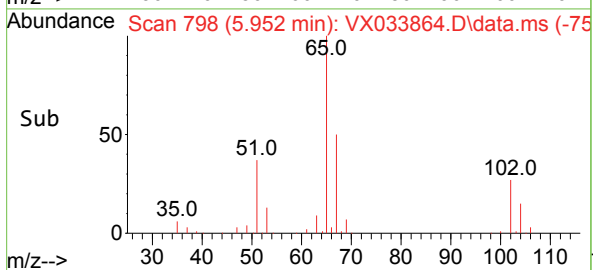
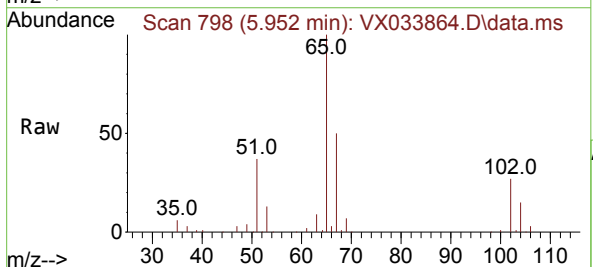


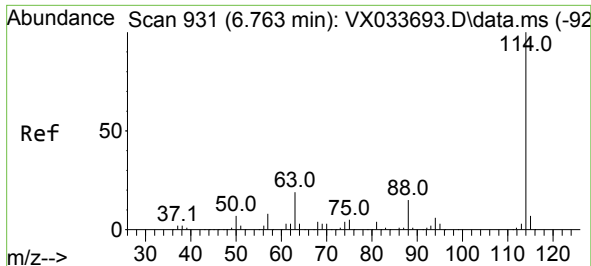
Tgt Ion: 56 Resp: 2393
Ion Ratio Lower Upper
56 100
69 179.2 24.6 37.0#
84 148.0 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.020 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

Tgt Ion: 65 Resp: 80652
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

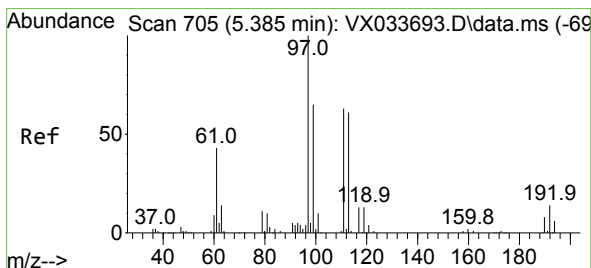
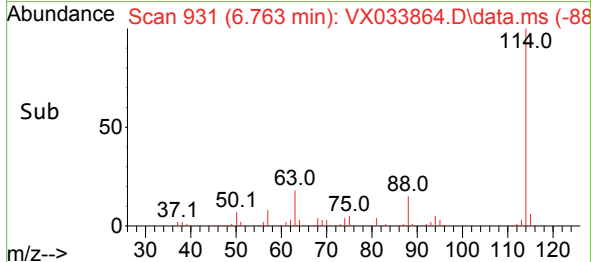
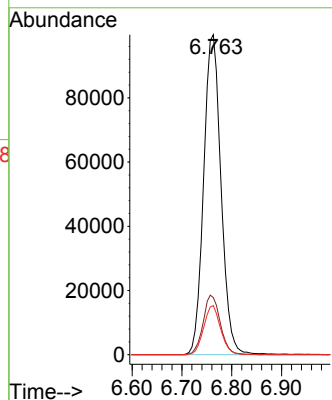
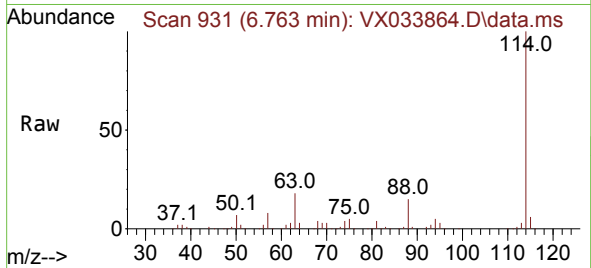




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

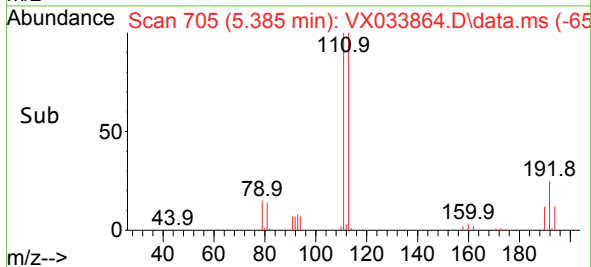
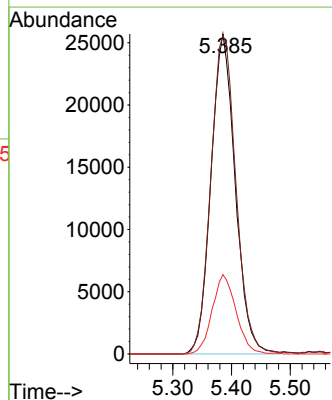
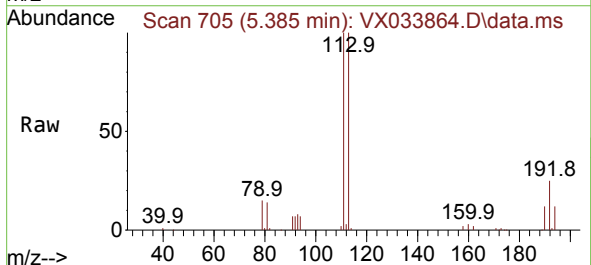
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBL01

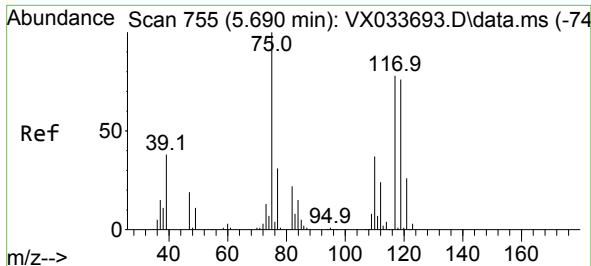
Tgt Ion:114 Resp: 241262
Ion Ratio Lower Upper
114 100
63 17.9 0.0 37.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.104 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

Tgt Ion:113 Resp: 73563
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.6
192 24.5 19.0 28.4

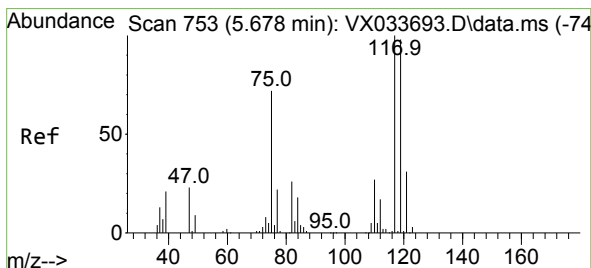
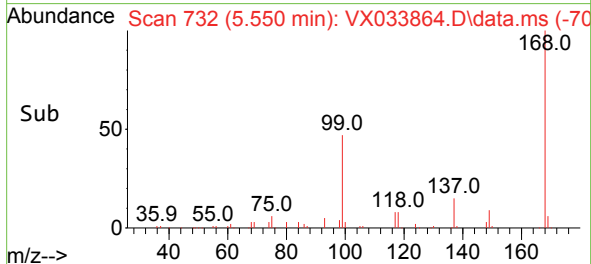
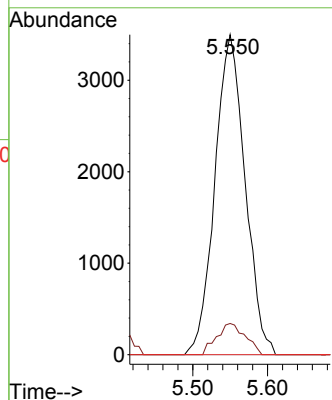
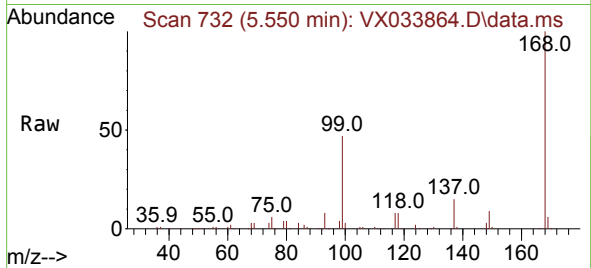




#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

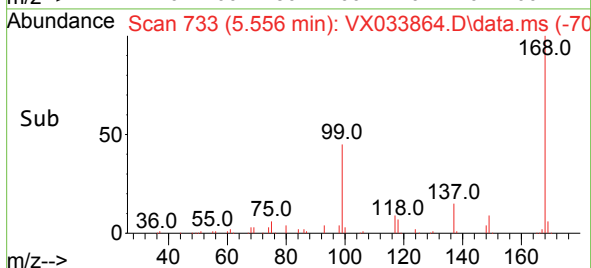
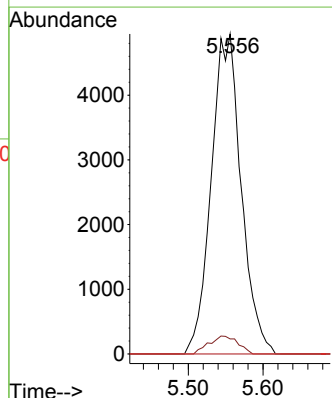
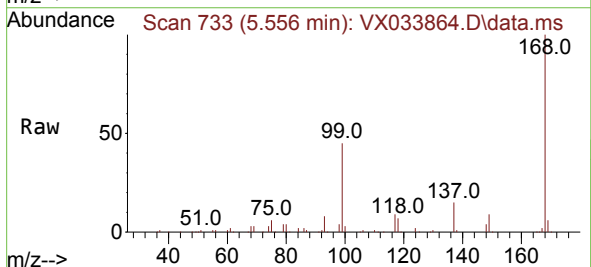
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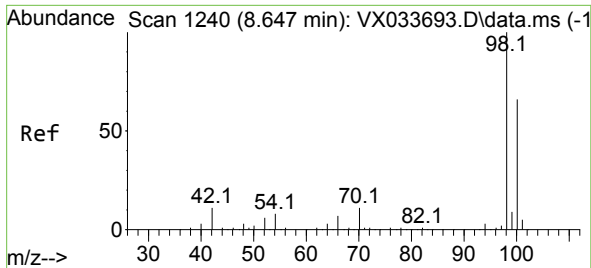
Tgt Ion: 75 Resp: 9819
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.082 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

Tgt Ion: 117 Resp: 13772
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.4 36.6#

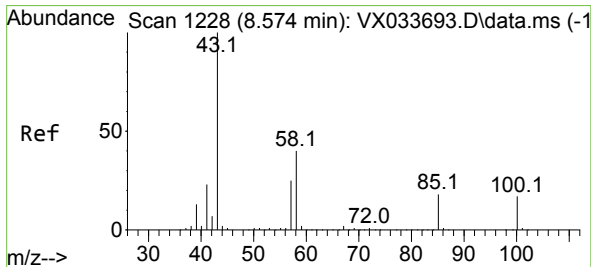
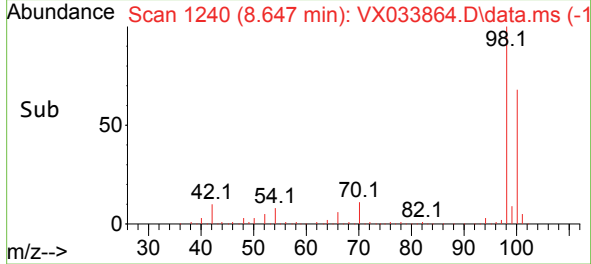
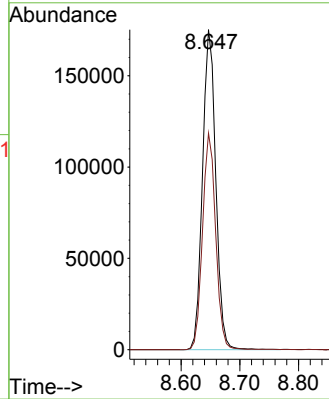
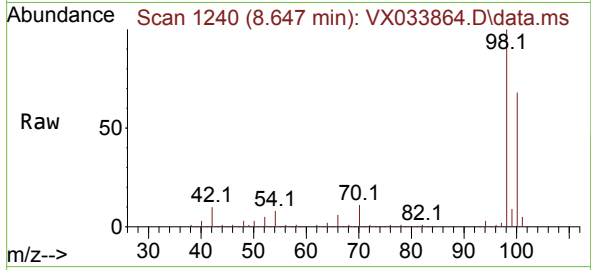




#50
Toluene-d8
Concen: 50.161 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

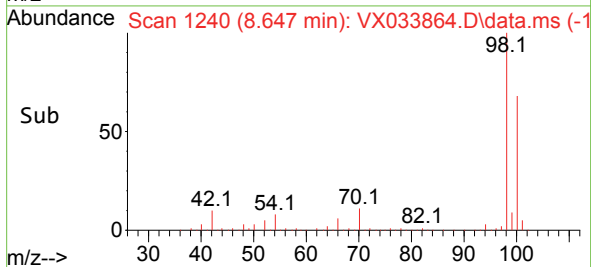
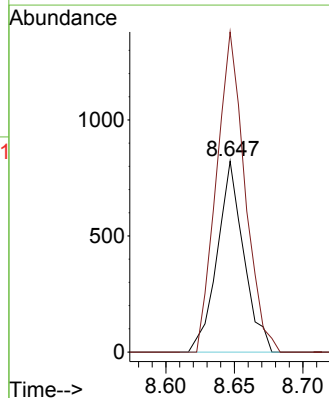
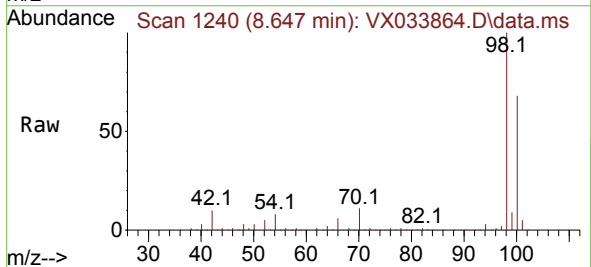
Instrument :
MSVOA_X
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VX0124WBL01

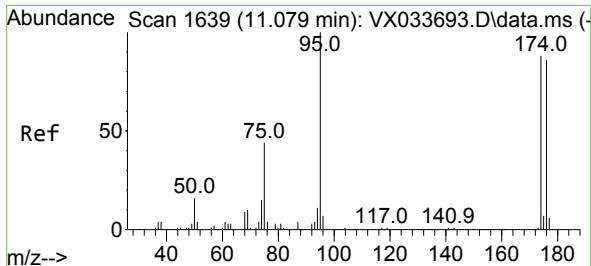
Tgt Ion: 98 Resp: 273797
Ion Ratio Lower Upper
98 100
100 67.1 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
58 179.4 31.2 46.8#

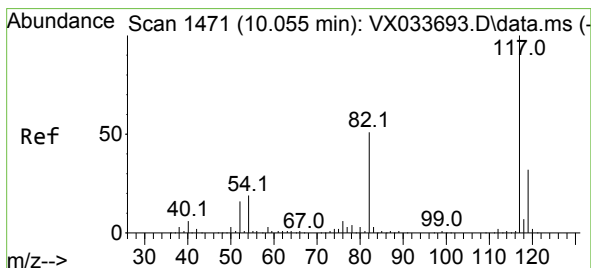
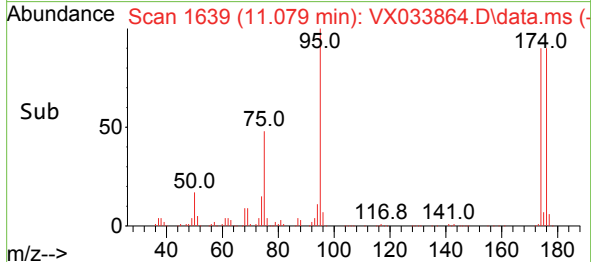
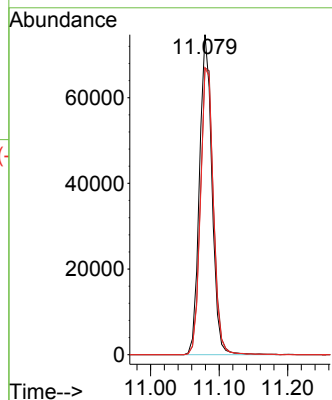
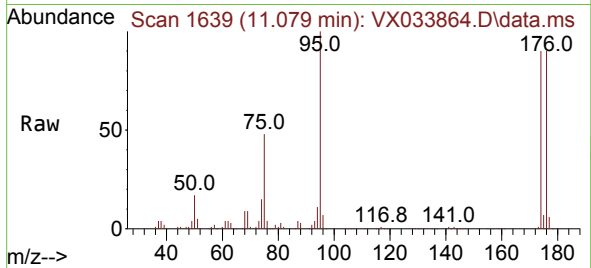




#62
4-Bromofluorobenzene
Concen: 46.733 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

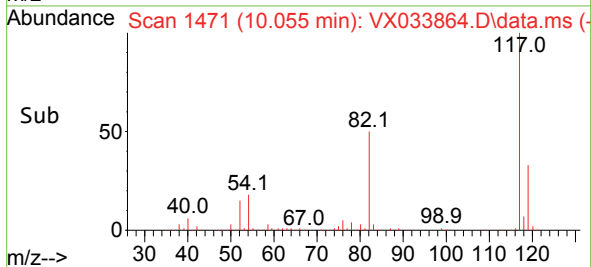
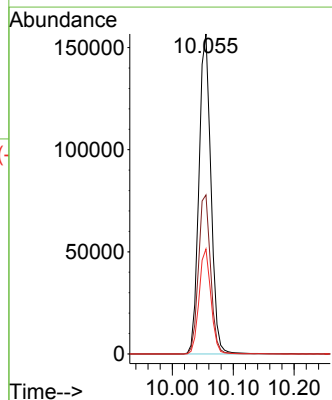
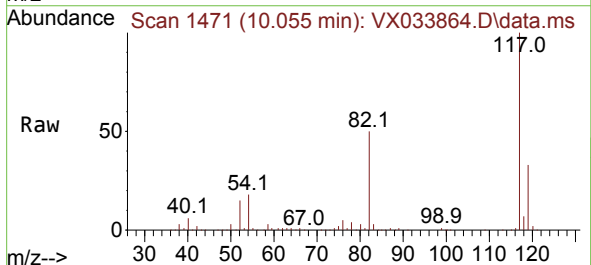
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBL01

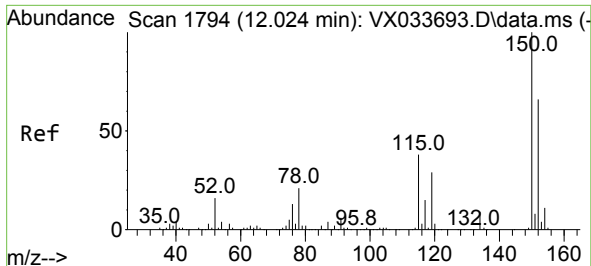
Tgt Ion: 95 Resp: 94709
Ion Ratio Lower Upper
95 100
174 94.5 0.0 184.4
176 92.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

Tgt Ion: 117 Resp: 213659
Ion Ratio Lower Upper
117 100
82 49.7 40.6 60.8
119 32.8 25.6 38.4

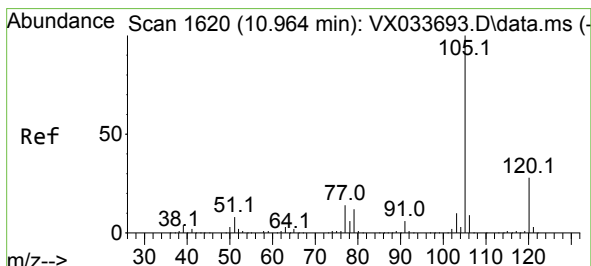
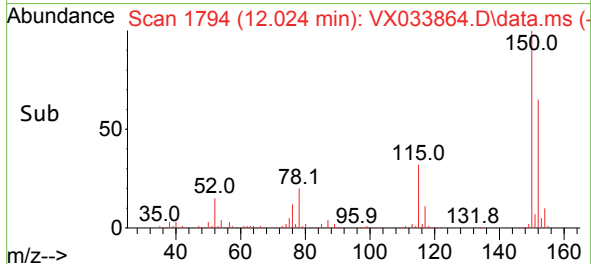
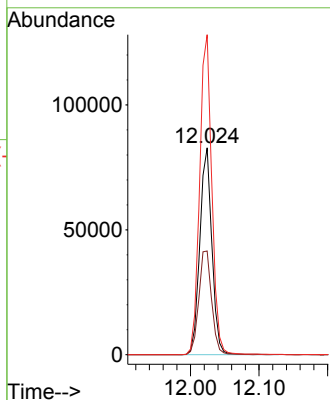
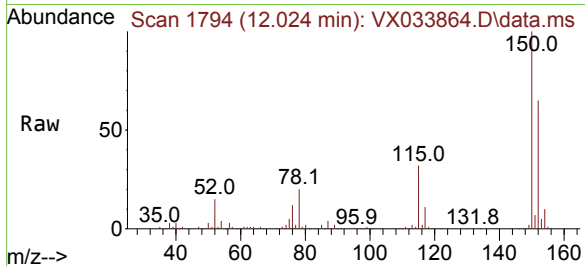




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

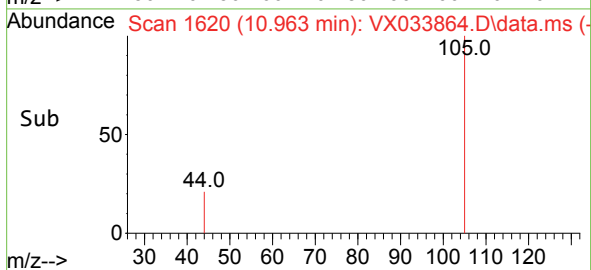
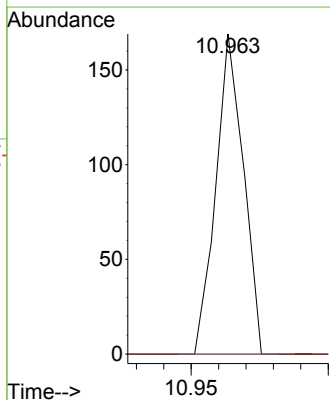
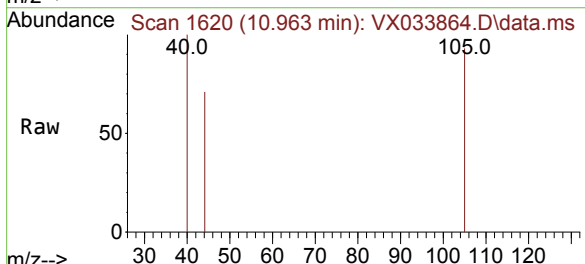
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBL01

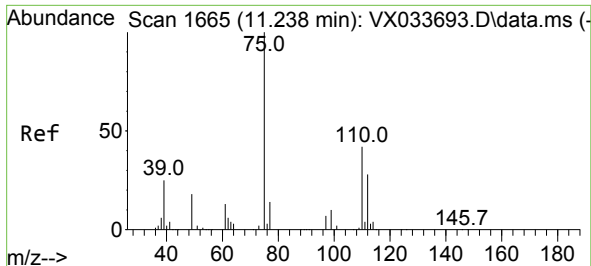
Tgt Ion:152 Resp: 101803
Ion Ratio Lower Upper
152 100
115 53.4 38.7 116.1
150 156.2 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

Tgt Ion:105 Resp: 118
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

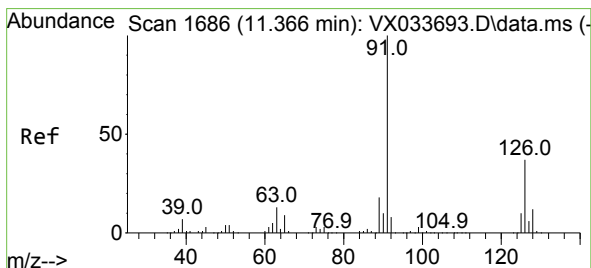
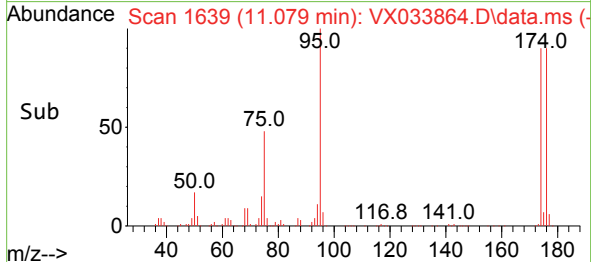
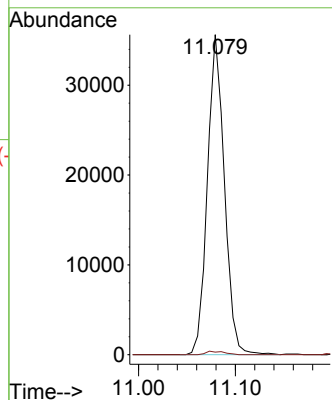
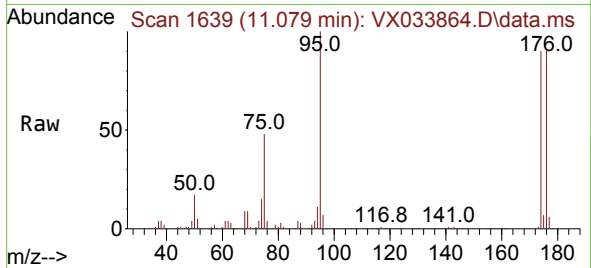




#76
1,2,3-Trichloropropane
Concen: 23.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

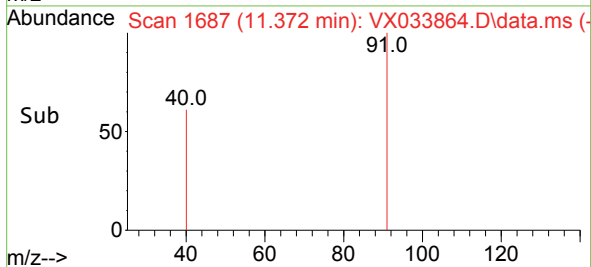
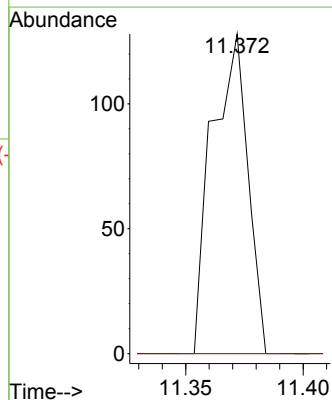
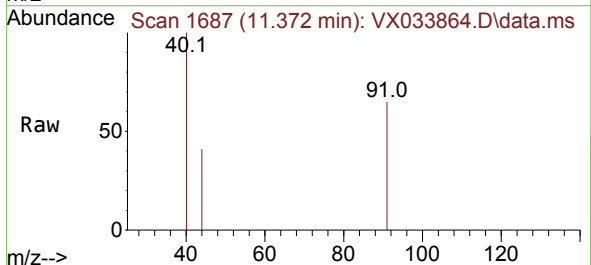
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBL01

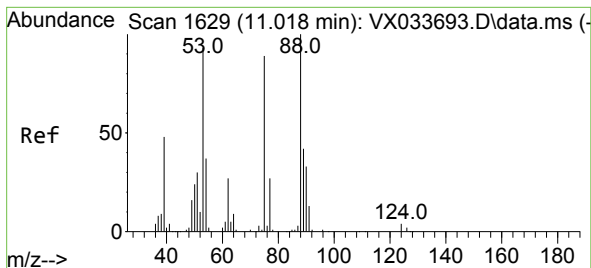
Tgt Ion: 75 Resp: 43589
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

Tgt Ion: 91 Resp: 136
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

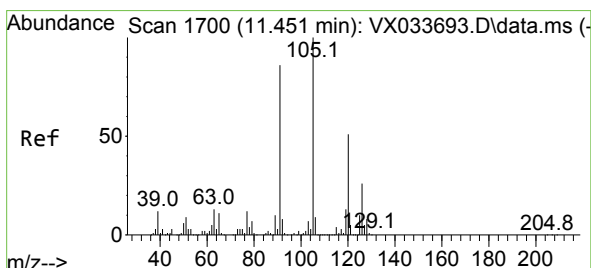
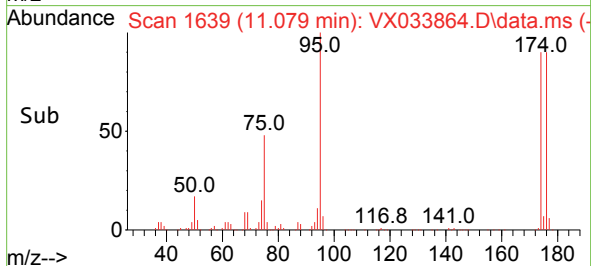
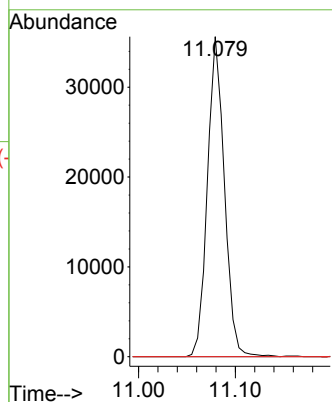
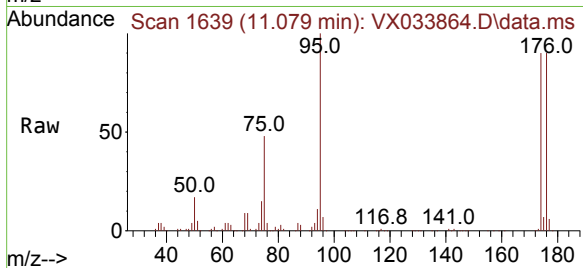




#81
trans-1,4-Dichloro-2-butene
Concen: 72.425 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

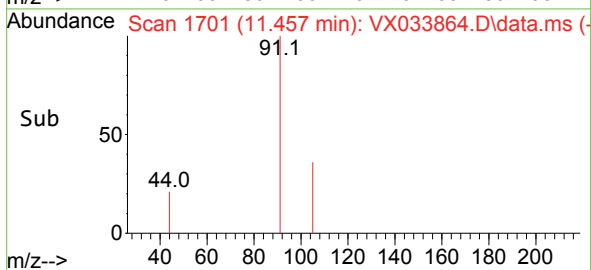
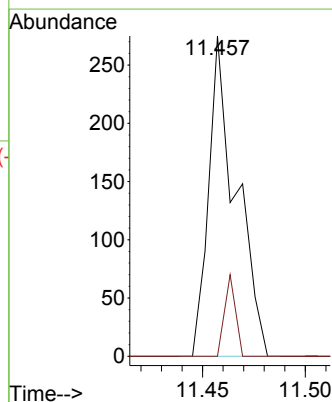
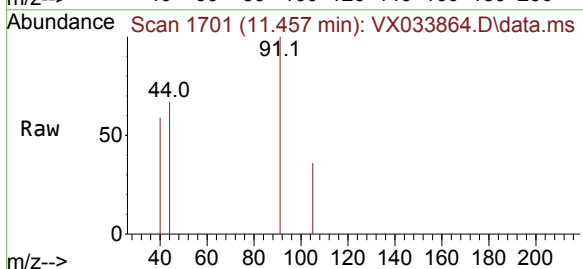
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBL01

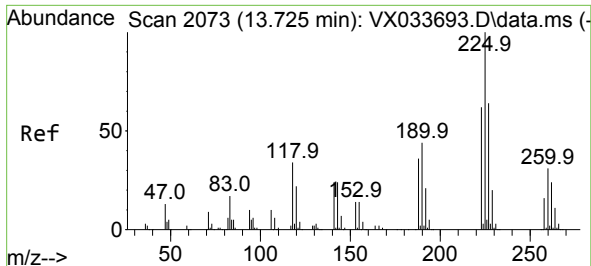
Tgt Ion: 75 Resp: 43589
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033864.D
Acq: 24 Jan 2023 12:02

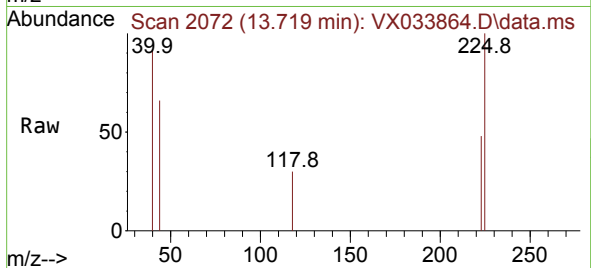
Tgt Ion: 91 Resp: 255
Ion Ratio Lower Upper
91 100
126 10.2 15.8 47.4#





#94
 Hexachlorobutadiene
 Concen: 0.204 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX033864.D
 Acq: 24 Jan 2023 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBL01



Tgt Ion:	225	Resp:	223
Ion	Ratio	Lower	Upper
225	100		
223	60.1	31.3	93.9
227	22.0	32.3	96.9

