

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035484.D
 Acq On : 02 May 2023 17:08
 Operator : JC/MD
 Sample : 02533-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-3I

Quant Time: May 03 03:17:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

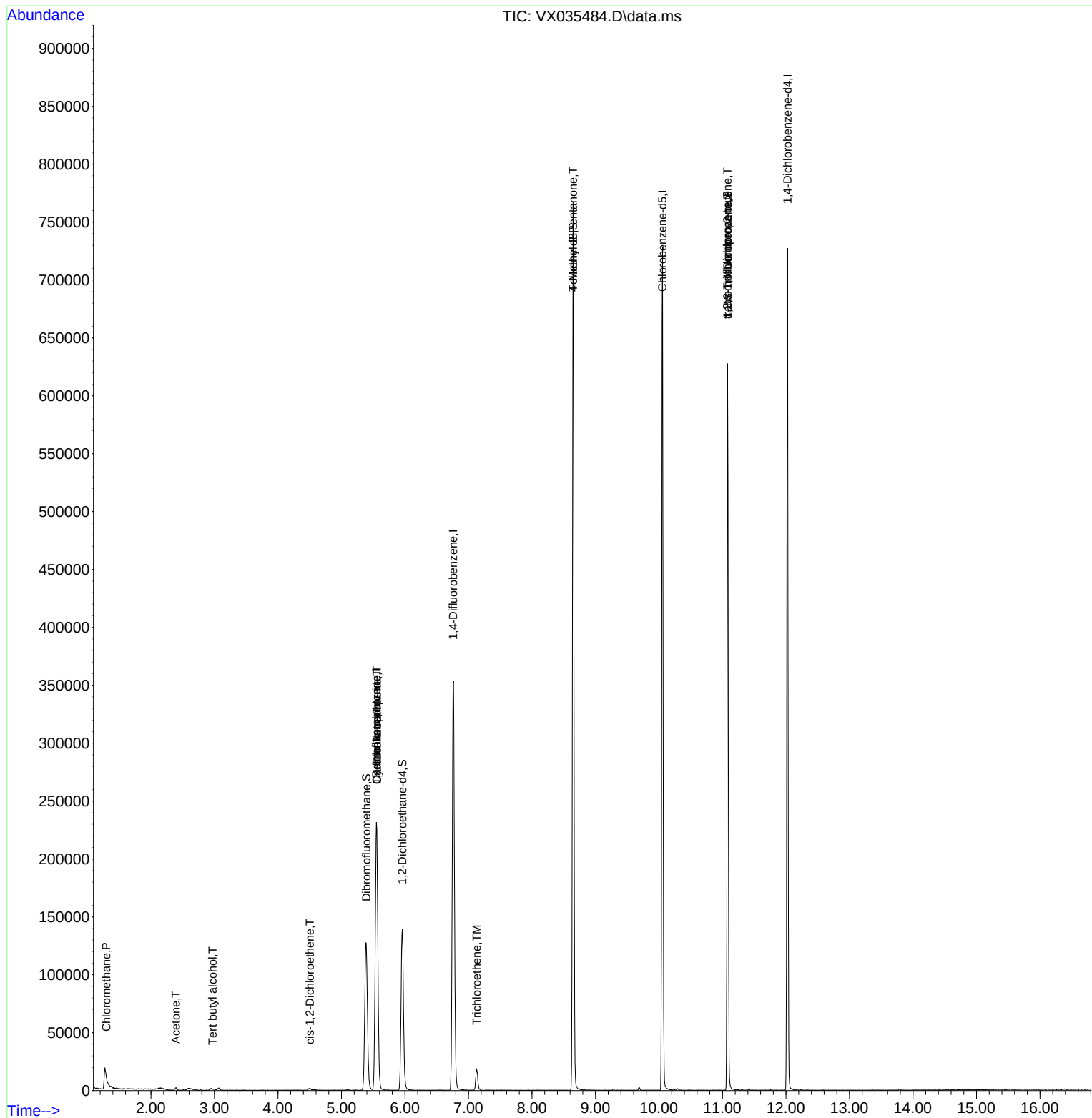
Internal Standards						
1) Pentafluorobenzene	5.550	168	230065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	378911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135364	48.769	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.540%
35) Dibromofluoromethane	5.391	113	115291	49.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.140%
50) Toluene-d8	8.647	98	440797	50.244	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.480%
62) 4-Bromofluorobenzene	11.079	95	170403	51.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1319	0.596	ug/l #	81
11) Tert butyl alcohol	2.971	59	404	0.799	ug/l #	73
16) Acetone	2.392	43	2862	2.374	ug/l	89
27) cis-1,2-Dichloroethene	4.501	96	1249	0.438	ug/l	86
31) Cyclohexane	5.556	56	3968	1.008	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16468	4.535	ug/l #	51
38) Carbon Tetrachloride	5.556	117	22677	6.578	ug/l #	16
44) Trichloroethene	7.129	130	7935	2.765	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1685	0.492	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	81672	24.967	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	81672	80.862	ug/l #	8

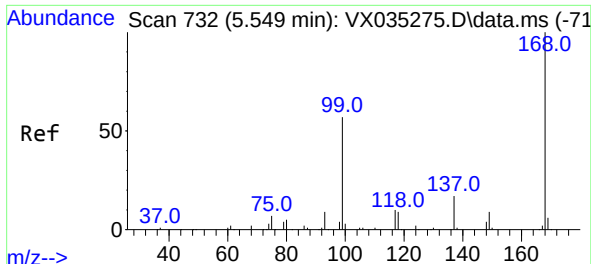
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
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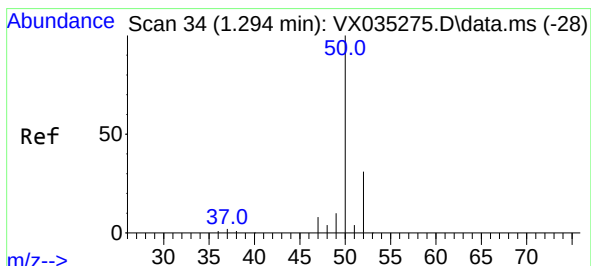
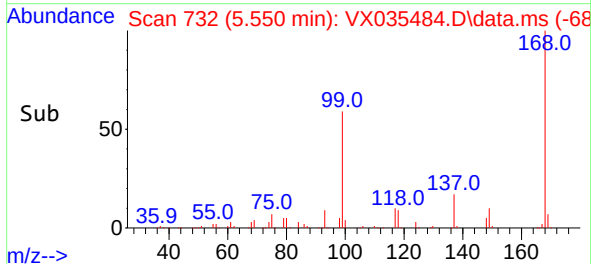
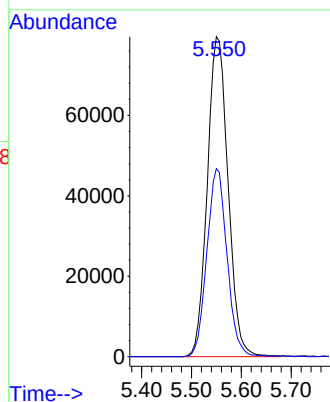
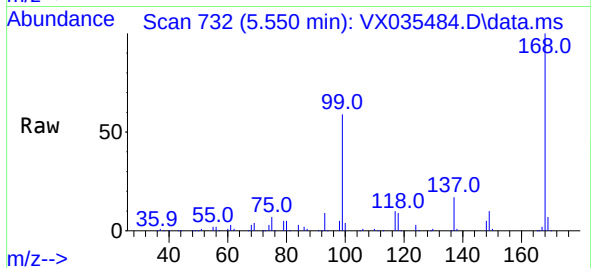




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

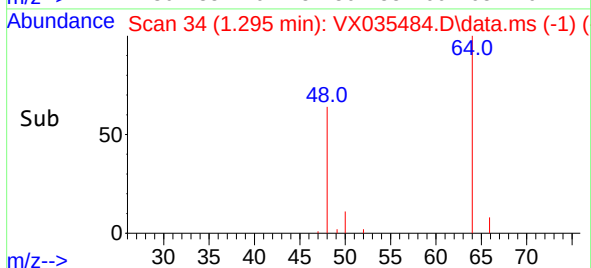
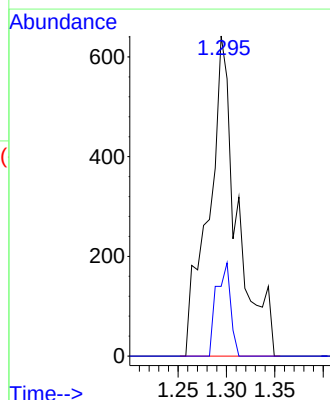
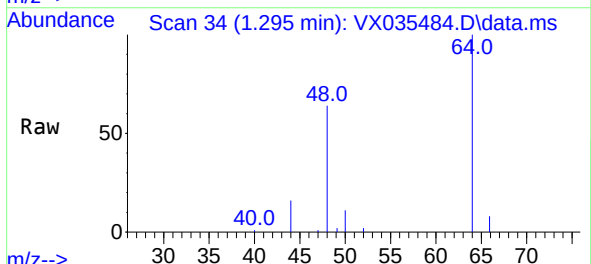
Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

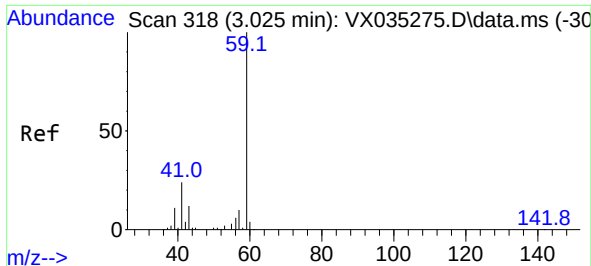
Tgt Ion:168 Resp: 230065
Ion Ratio Lower Upper
168 100
99 58.7 45.7 68.5



#3
Chloromethane
Concen: 0.596 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

Tgt Ion: 50 Resp: 1319
Ion Ratio Lower Upper
50 100
52 21.8 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.799 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.054 min

Lab File: VX035484.D

Acq: 02 May 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

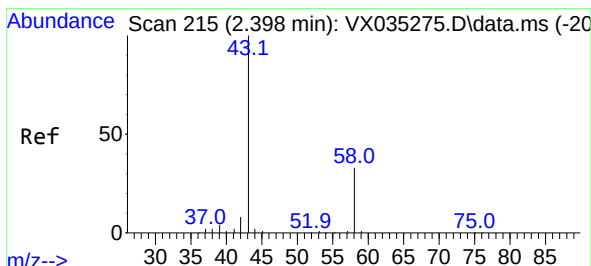
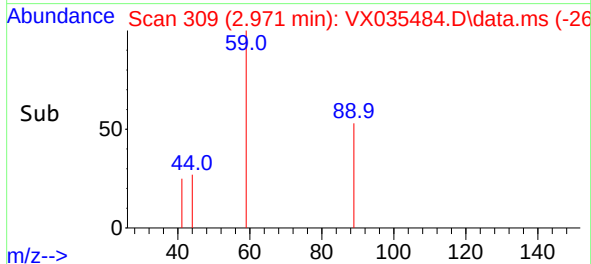
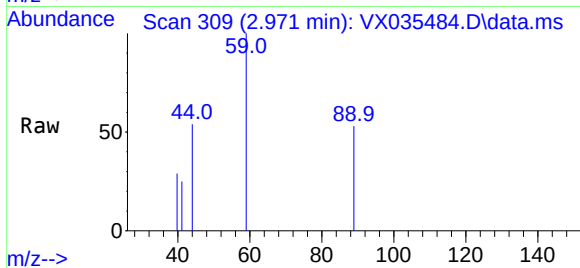
22-MW-3I

Tgt Ion: 59 Resp: 404

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 2.374 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX035484.D

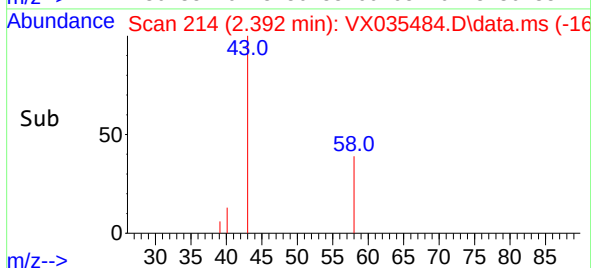
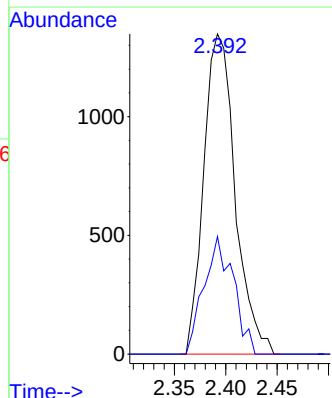
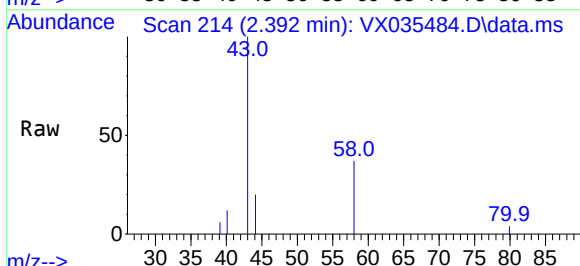
Acq: 02 May 2023 17:08

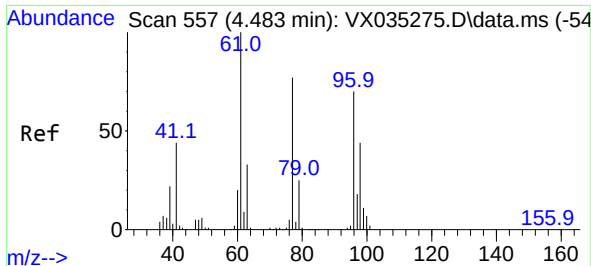
Tgt Ion: 43 Resp: 2862

Ion Ratio Lower Upper

43 100

58 36.7 24.7 37.1

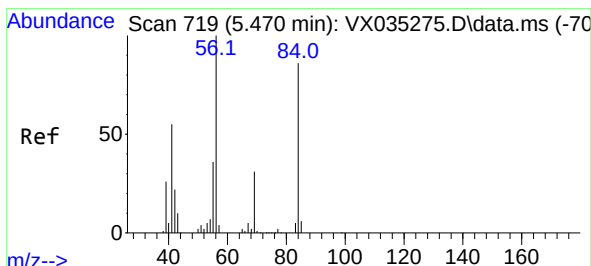
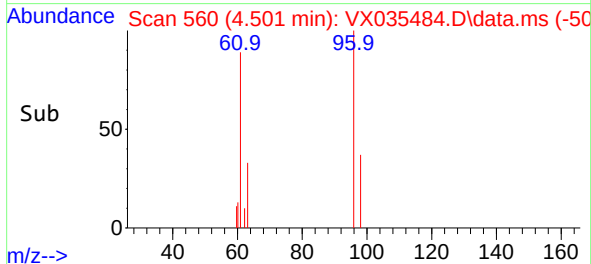
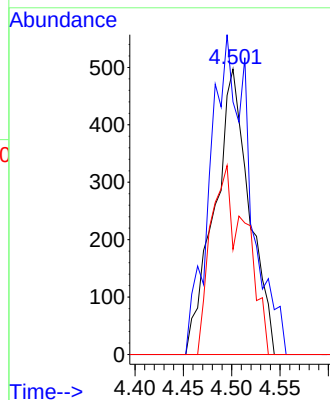
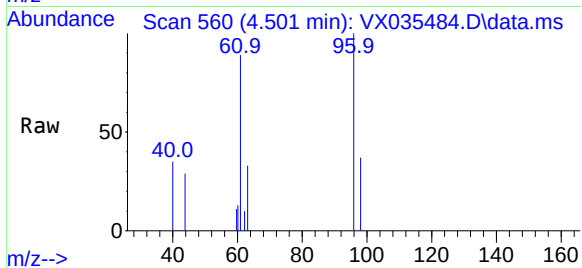




#27
cis-1,2-Dichloroethene
Concen: 0.438 ug/l
RT: 4.501 min Scan# 501
Delta R.T. 0.018 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

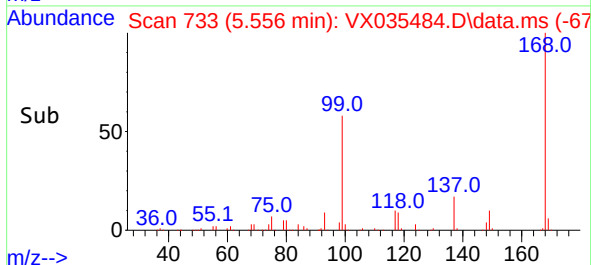
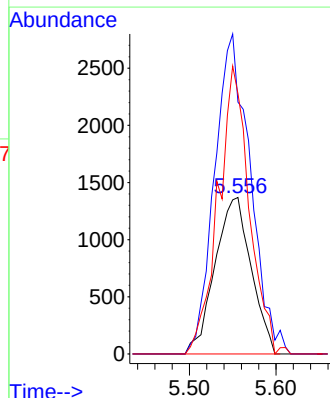
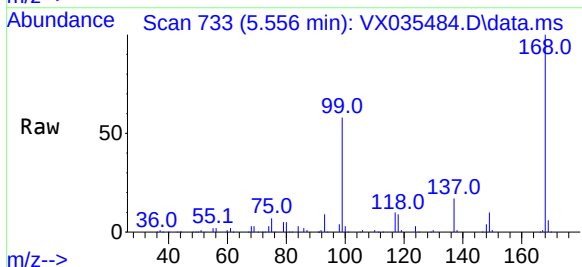
Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

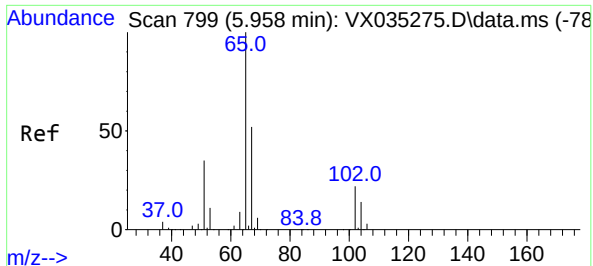
Tgt Ion:	96	Resp:	1249
Ion	Ratio	Lower	Upper
96	100		
61	127.0	0.0	300.4
98	66.5	0.0	129.0



#31
Cyclohexane
Concen: 1.008 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

Tgt Ion:	56	Resp:	3968
Ion	Ratio	Lower	Upper
56	100		
69	161.0	23.7	35.5#
84	166.4	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.769 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035484.D

Acq: 02 May 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

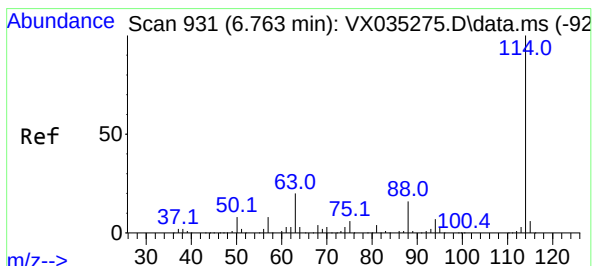
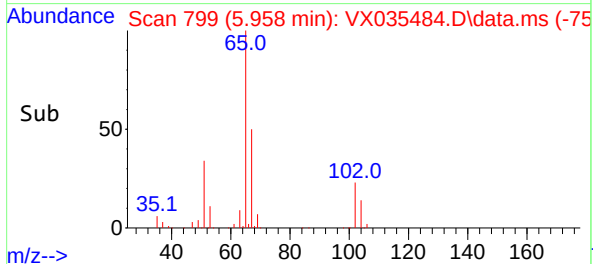
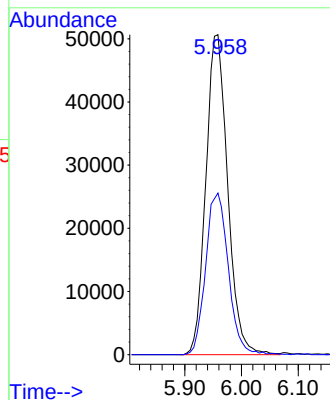
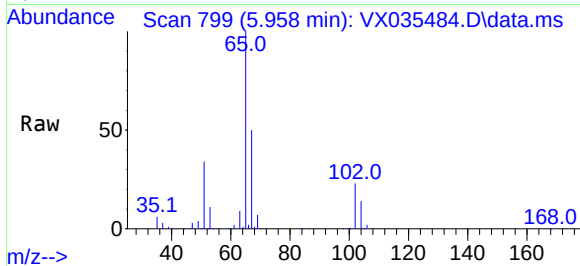
22-MW-3I

Tgt Ion: 65 Resp: 135364

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035484.D

Acq: 02 May 2023 17:08

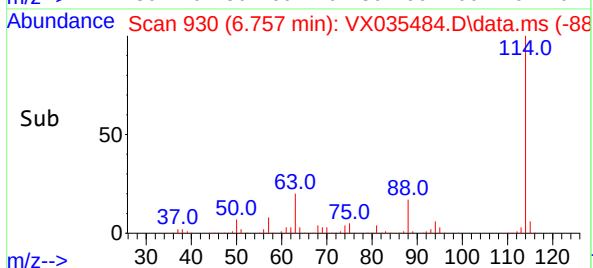
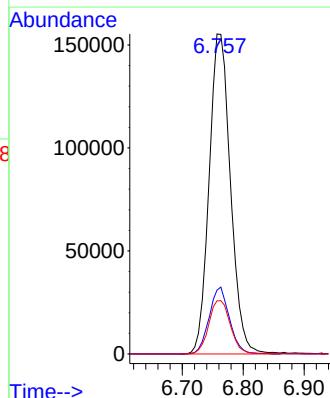
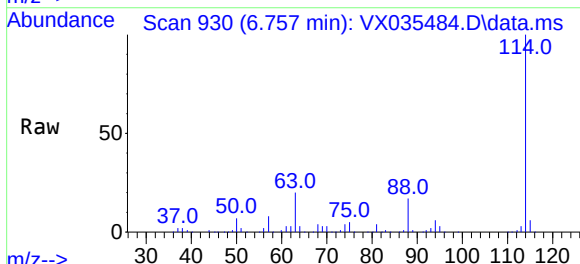
Tgt Ion: 114 Resp: 378911

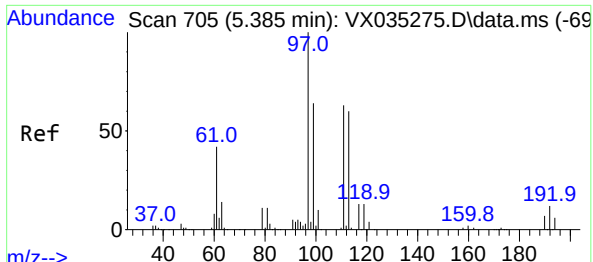
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.2

88 16.6 0.0 33.2

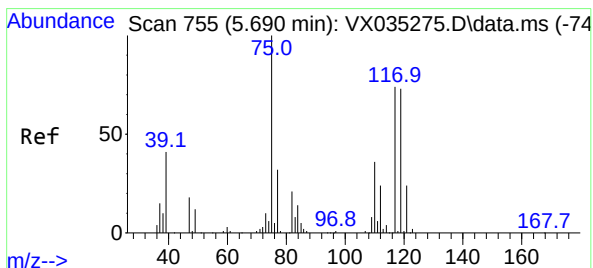
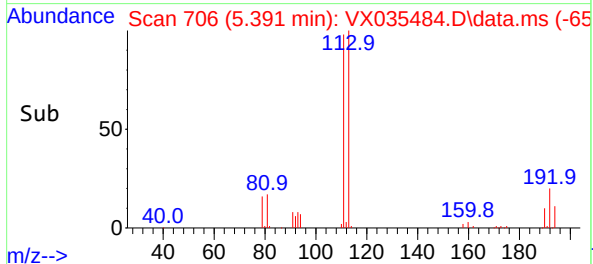
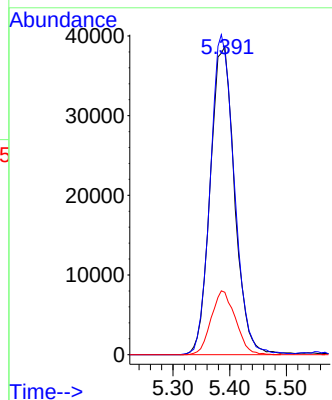
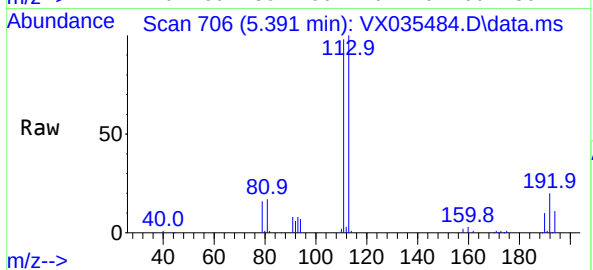




#35
Dibromofluoromethane
Concen: 49.574 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

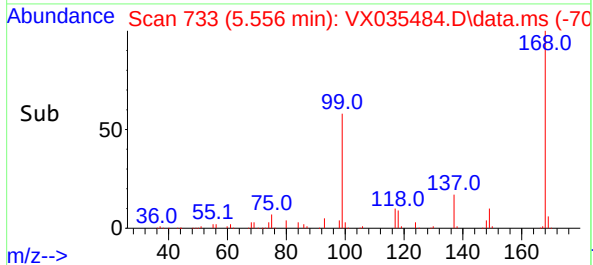
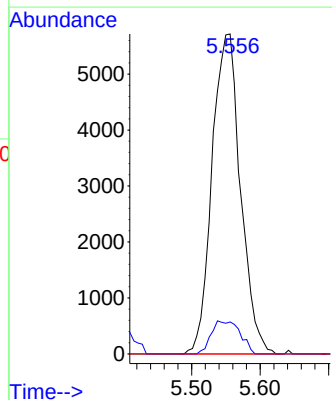
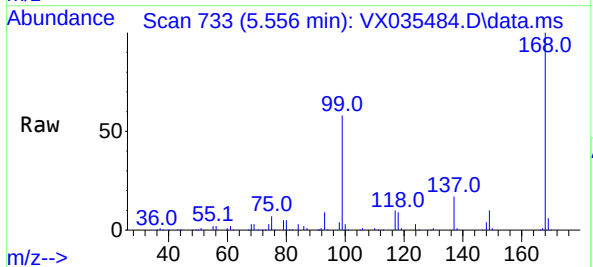
Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

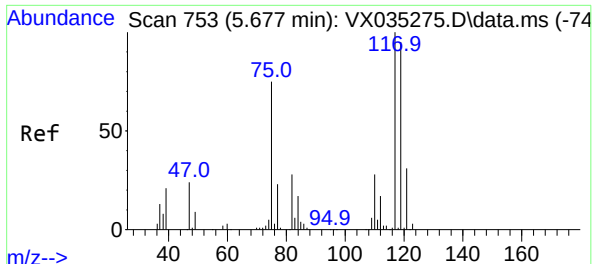
Tgt Ion:113 Resp: 115291
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 20.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.535 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

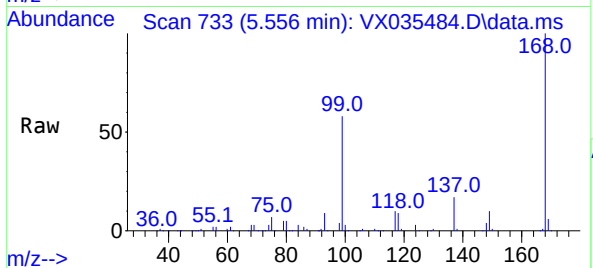
Tgt Ion: 75 Resp: 16468
Ion Ratio Lower Upper
75 100
110 10.5 17.5 52.5#
77 0.0 24.3 36.5#



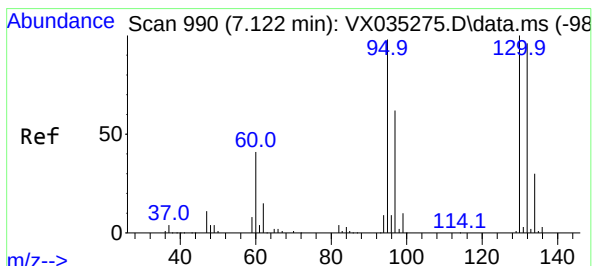
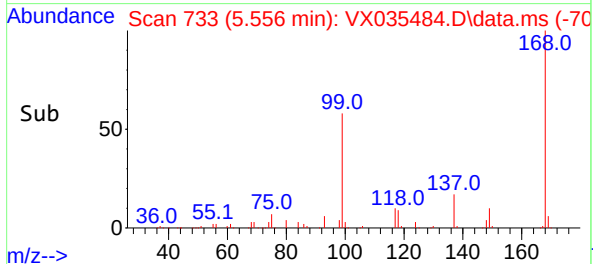
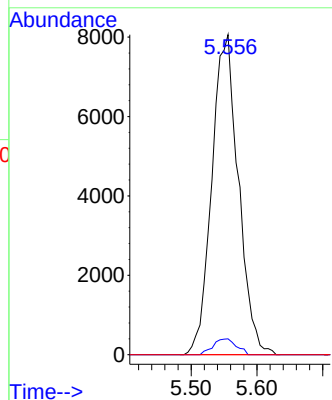


#38
Carbon Tetrachloride
Concen: 6.578 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

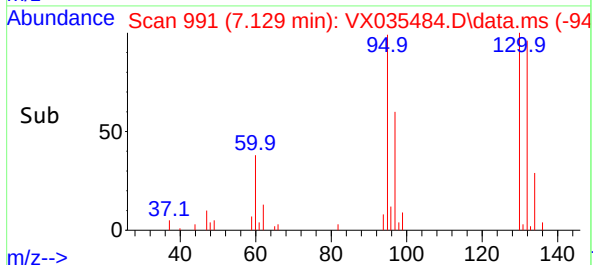
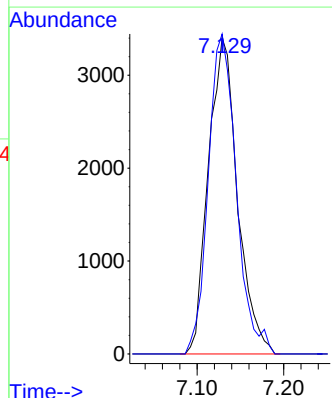
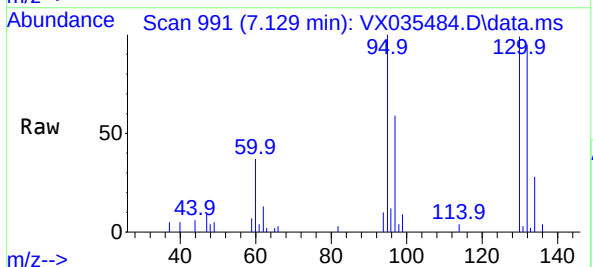


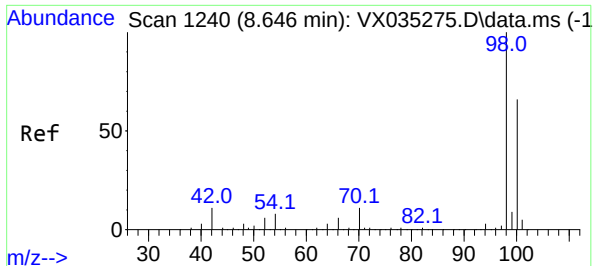
Tgt Ion:117 Resp: 22677
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 2.765 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

Tgt Ion:130 Resp: 7935
Ion Ratio Lower Upper
130 100
95 101.2 0.0 198.4

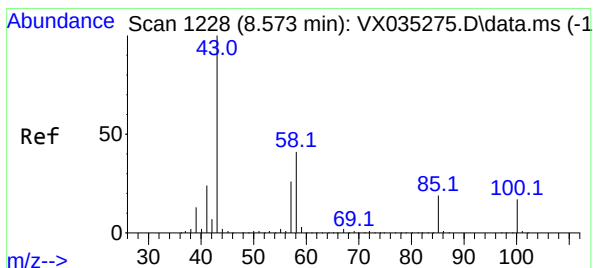
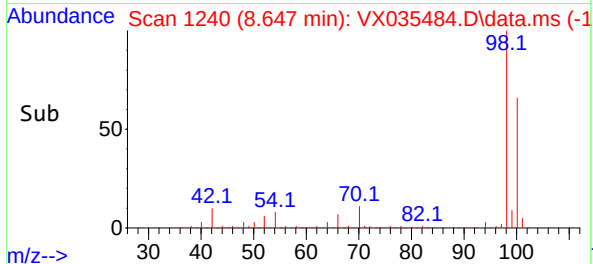
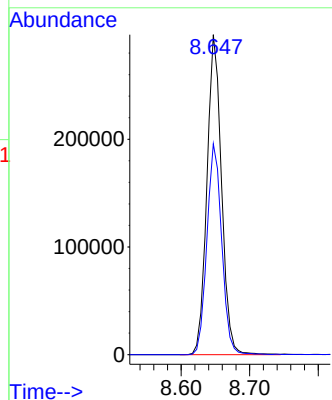
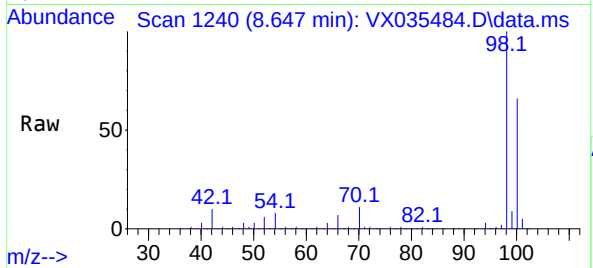




#50
Toluene-d8
Concen: 50.244 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

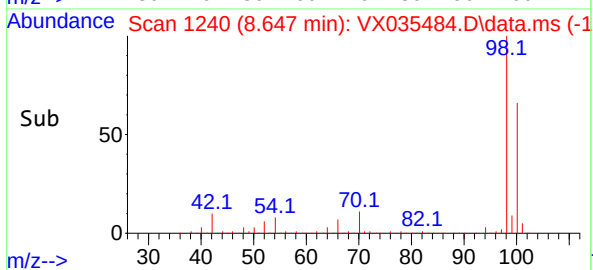
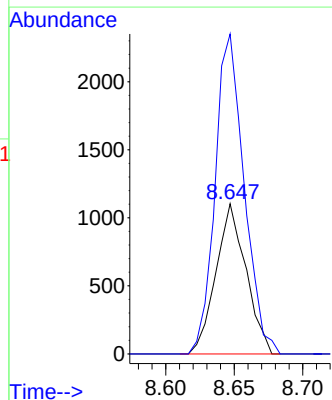
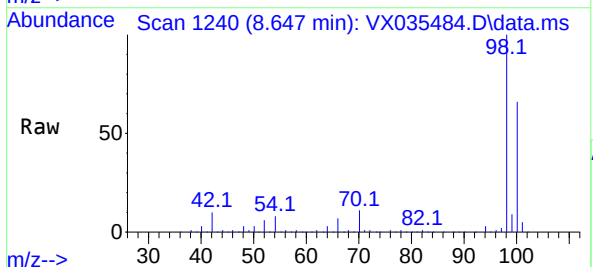
Instrument :
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22-MW-3I

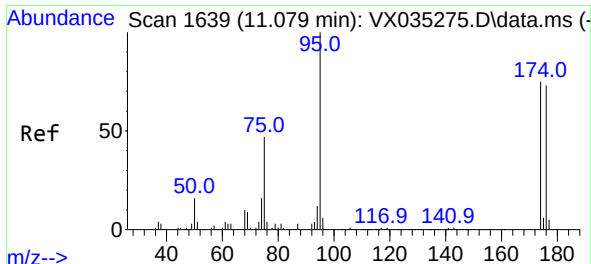
Tgt Ion: 98 Resp: 440797
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

Tgt Ion: 43 Resp: 1685
Ion Ratio Lower Upper
43 100
58 205.5 30.6 46.0#

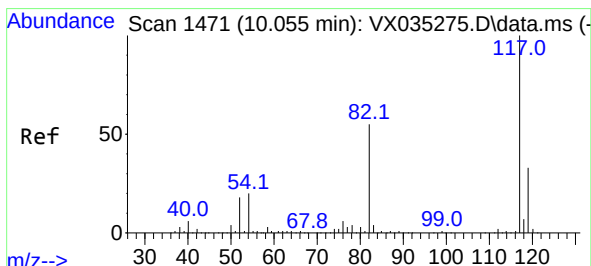
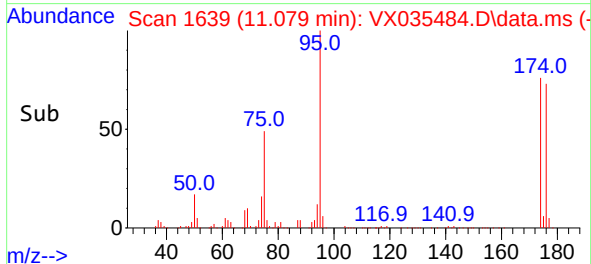
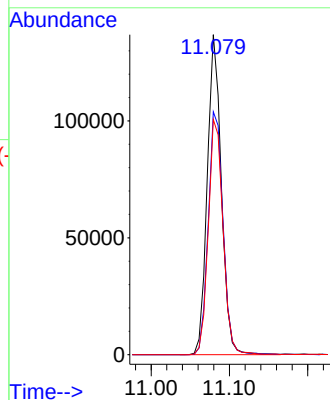
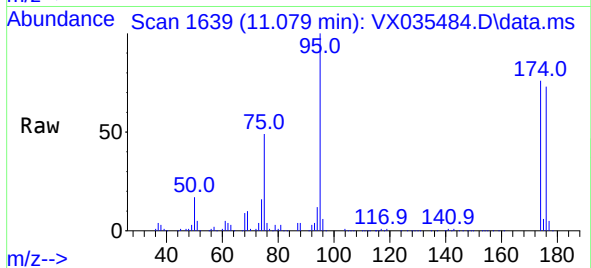




#62
4-Bromofluorobenzene
Concen: 51.633 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

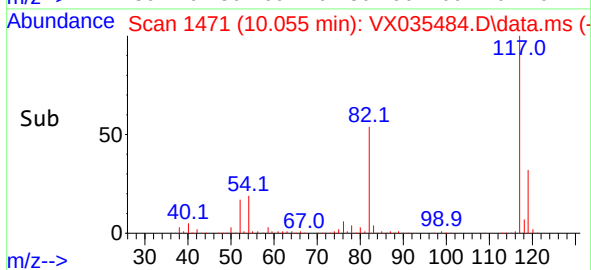
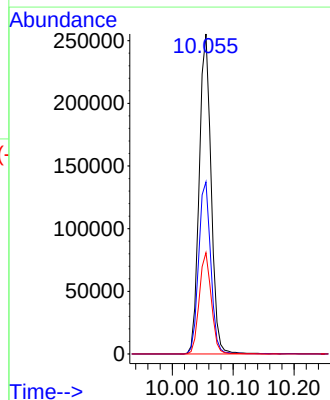
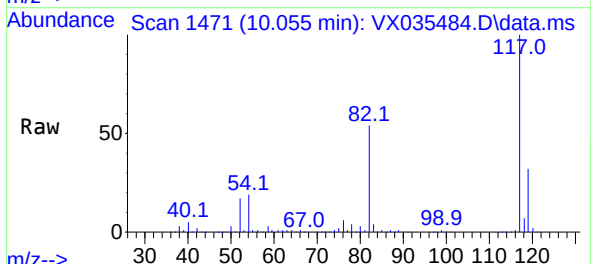
Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

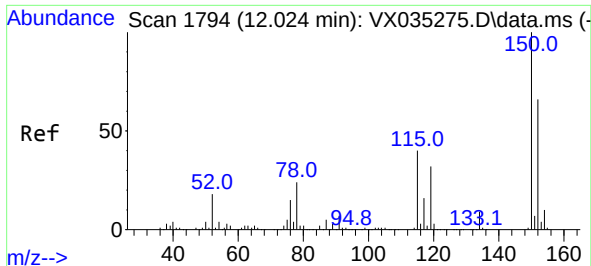
Tgt Ion: 95 Resp: 170403
Ion Ratio Lower Upper
95 100
174 80.2 0.0 147.4
176 76.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

Tgt Ion: 117 Resp: 346283
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 31.7 26.0 39.0

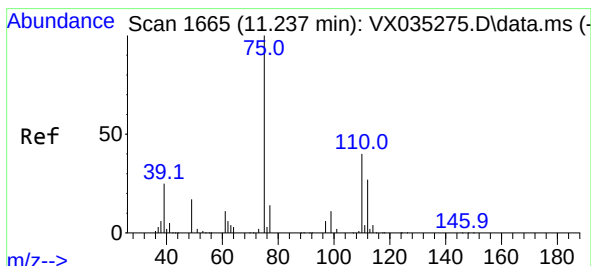
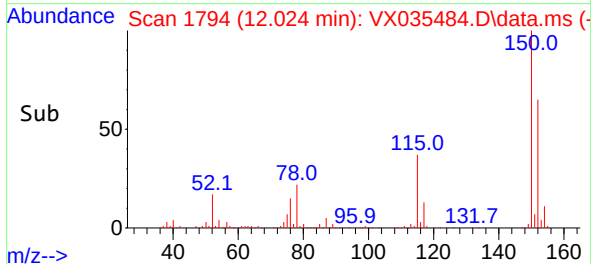
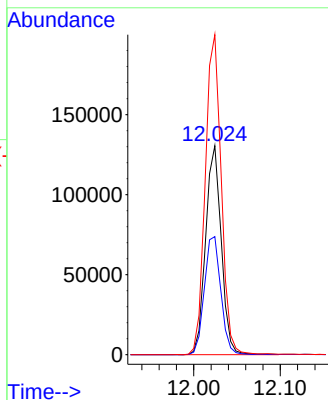
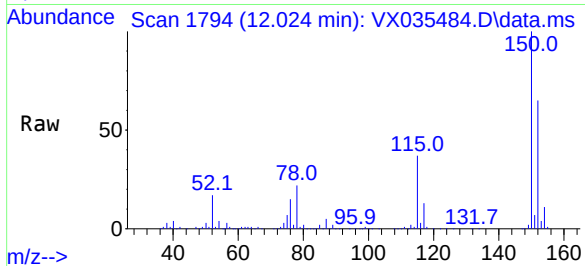




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

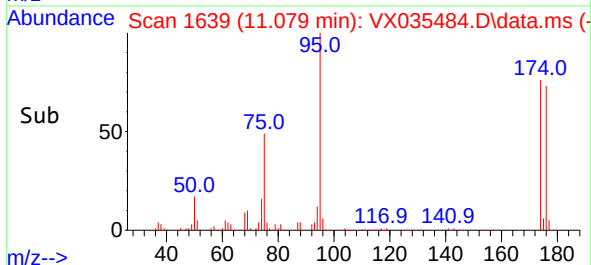
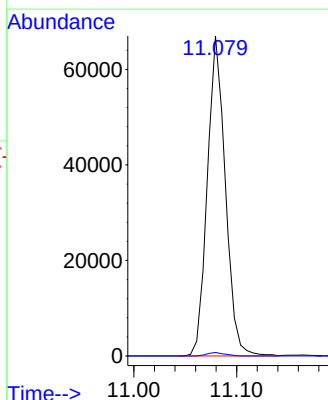
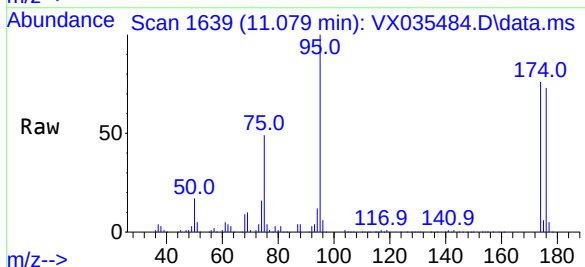
Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

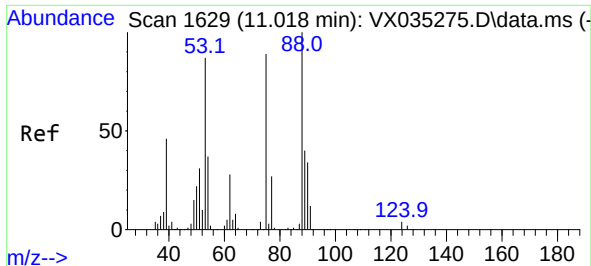
Tgt Ion:152 Resp: 163991
Ion Ratio Lower Upper
152 100
115 59.7 45.0 135.0
150 156.8 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 24.967 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035484.D
Acq: 02 May 2023 17:08

Tgt Ion: 75 Resp: 81672
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.862 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035484.D
 Acq: 02 May 2023 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-3I

Tgt Ion: 75 Resp: 81672
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.1 36.9 55.3#

