

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040469.D
 Acq On : 26 Feb 2024 18:34
 Operator : JC/MD
 Sample : P1578-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20240221

Quant Time: Feb 27 05:12:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

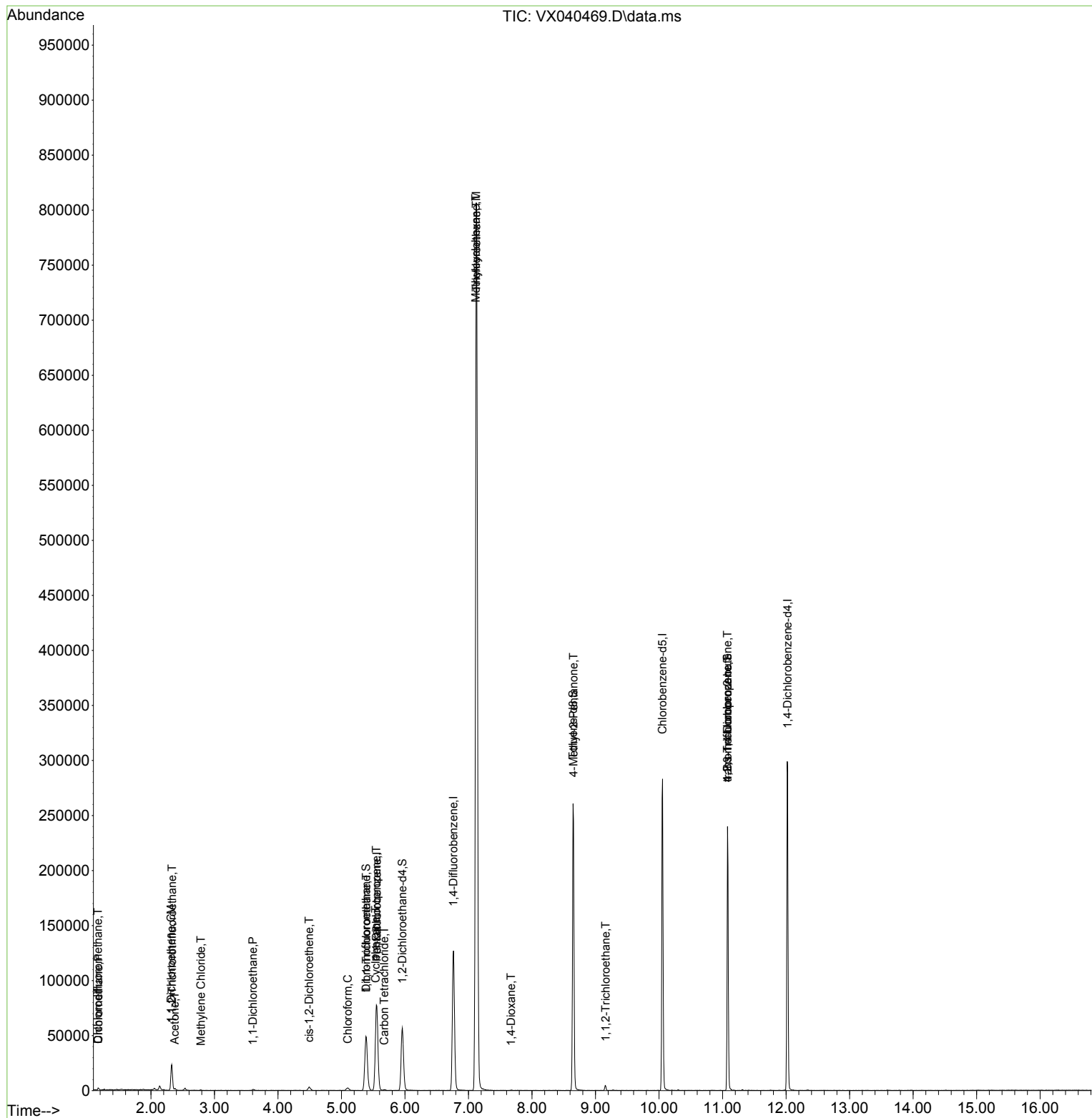
Internal Standards						
1) Pentafluorobenzene	5.556	168	69643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56786	48.751	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.500%
35) Dibromofluoromethane	5.385	113	41805	49.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	8.647	98	152129	49.244	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	59463	50.495	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	822	0.948	ug/l	77
3) Chloromethane	1.173	50	202	0.235	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	5698	7.210	ug/l	97
12) 1,1-Dichloroethene	2.319	96	3168	3.993	ug/l	90
16) Acetone	2.374	43	1819	4.789	ug/l	98
20) Methylene Chloride	2.788	84	186	0.205	ug/l #	74
24) 1,1-Dichloroethane	3.605	63	1347	0.828	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	1940	1.960	ug/l	83
30) Chloroform	5.099	83	2772	1.605	ug/l	99
31) Cyclohexane	5.538	56	1883	1.427	ug/l #	43
32) 1,1,1-Trichloroethane	5.391	97	407	0.276	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	6542	4.989	ug/l #	47
38) Carbon Tetrachloride	5.672	117	523	0.413	ug/l #	81
39) Methylcyclohexane	7.117	83	3961	2.798	ug/l #	1
44) Trichloroethene	7.123	130	286917	300.518	ug/l	96
49) 1,4-Dioxane	7.671	88	275	12.917	ug/l #	84
51) 4-Methyl-2-Pentanone	8.653	43	802	0.539	ug/l #	1
55) 1,1,2-Trichloroethane	9.159	97	1317	1.457	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	34129	26.566	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	34129	77.192	ug/l #	5

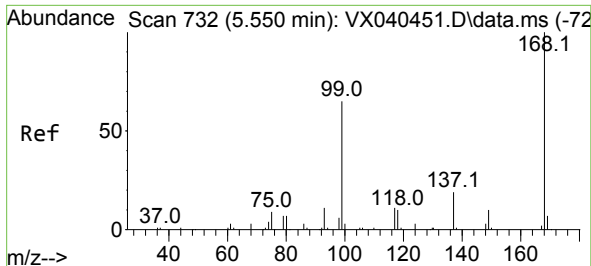
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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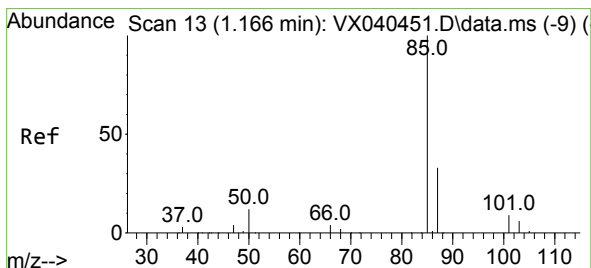
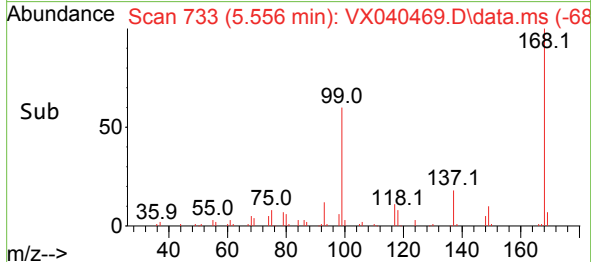
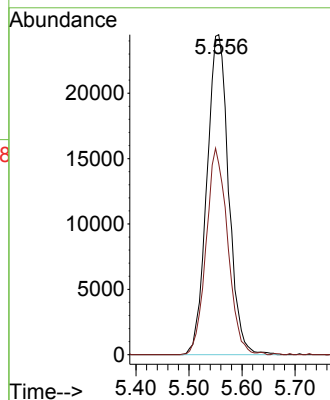
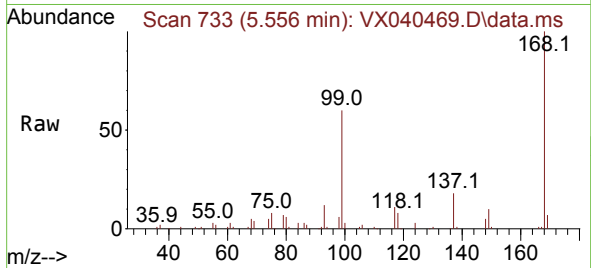




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

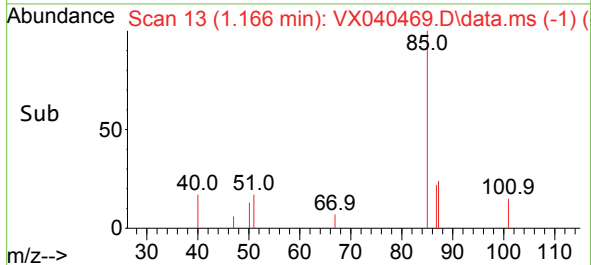
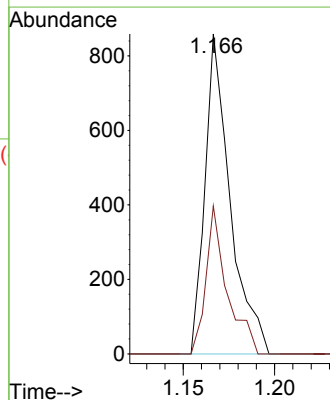
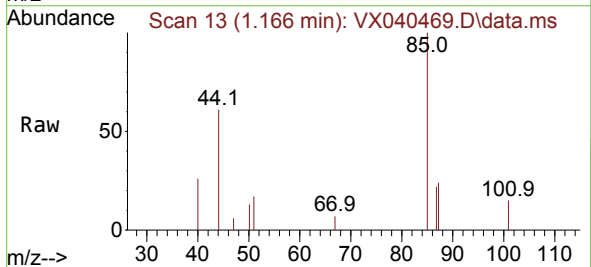
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

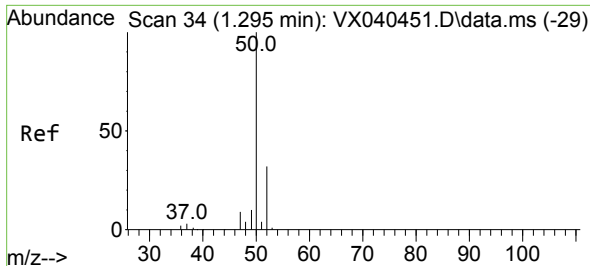
Tgt Ion:168 Resp: 69643
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.948 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion: 85 Resp: 822
Ion Ratio Lower Upper
85 100
87 46.2 16.7 50.1

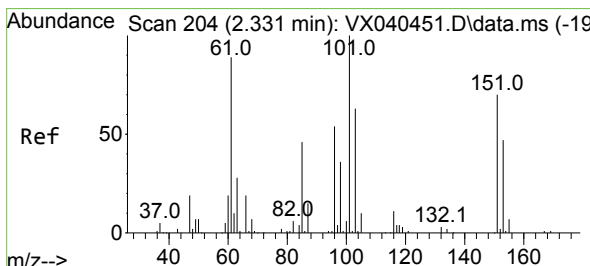
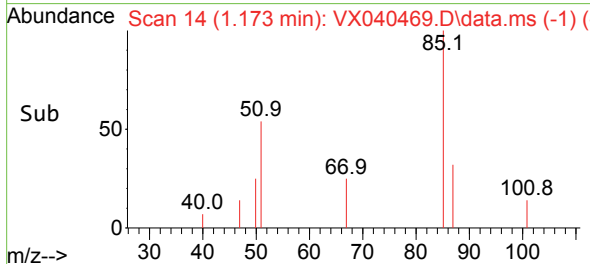
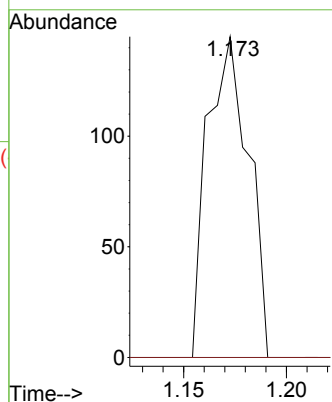
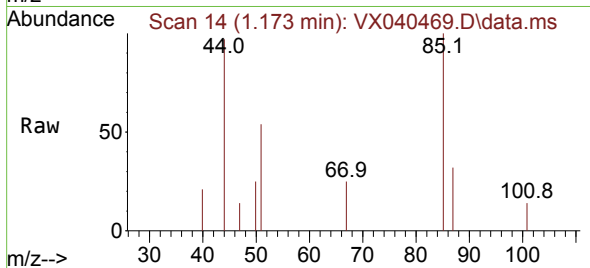




#3
Chloromethane
Concen: 0.235 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.122 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

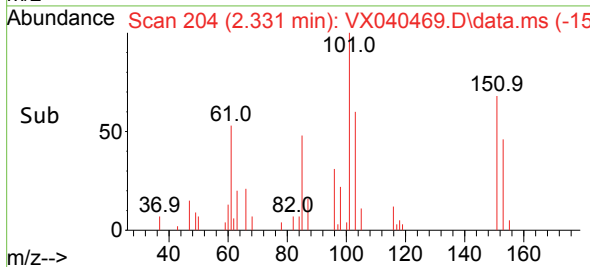
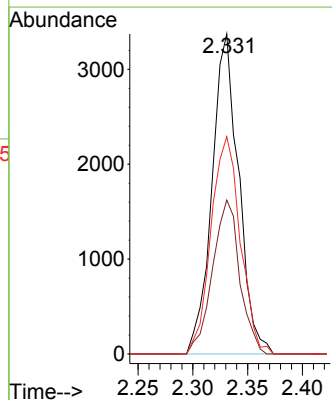
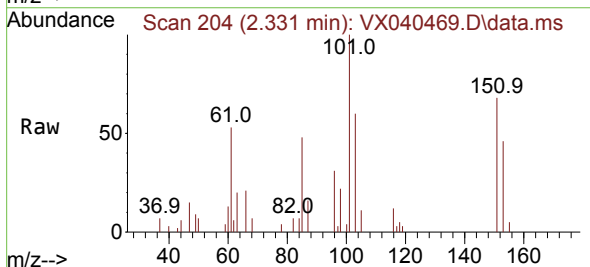
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

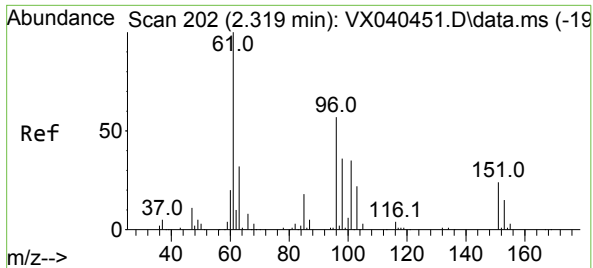
Tgt Ion: 50 Resp: 202
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.210 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion: 101 Resp: 5698
Ion Ratio Lower Upper
101 100
85 49.1 37.0 55.6
151 74.5 58.6 87.8

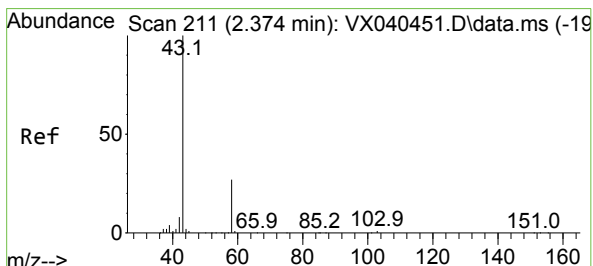
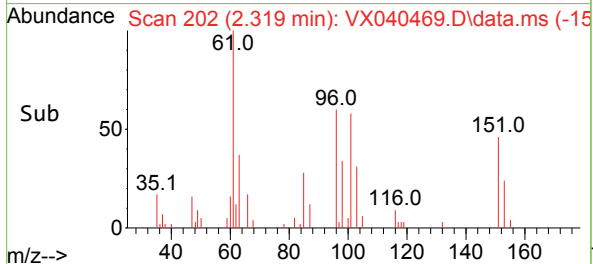
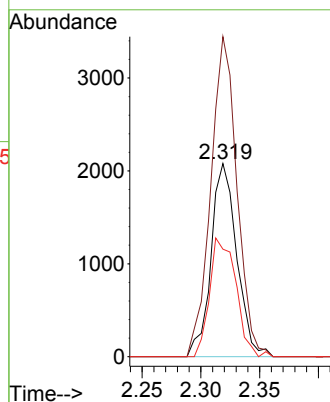
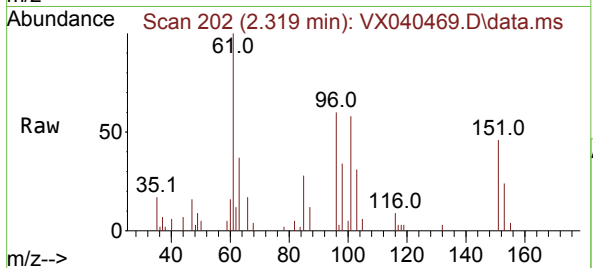




#12
1,1-Dichloroethene
Concen: 3.993 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

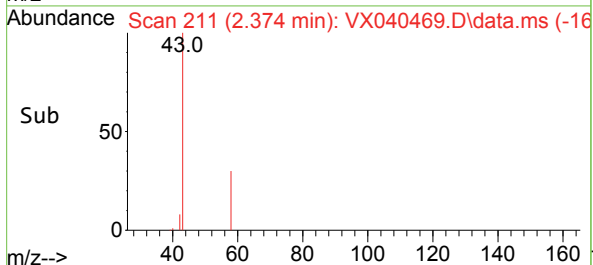
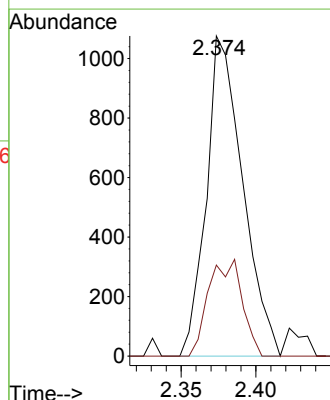
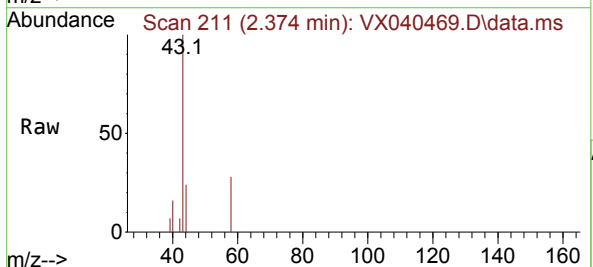
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

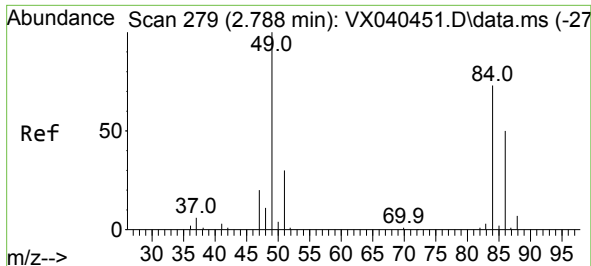
Tgt Ion: 96 Resp: 3168
Ion Ratio Lower Upper
96 100
61 165.6 144.6 216.8
98 55.6 50.4 75.6



#16
Acetone
Concen: 4.789 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

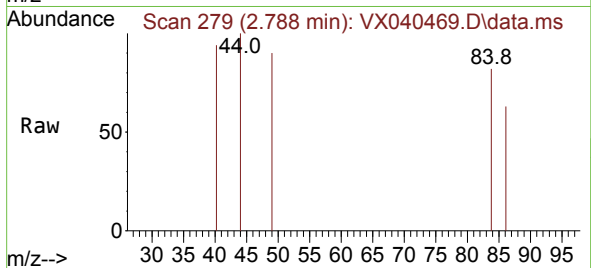
Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
58 28.4 21.9 32.9



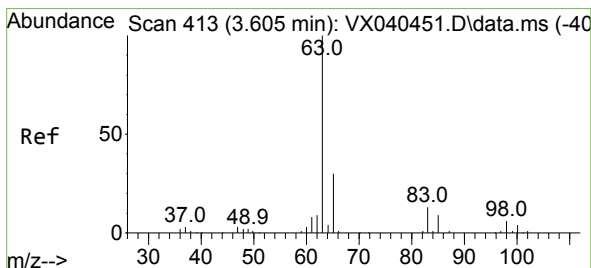
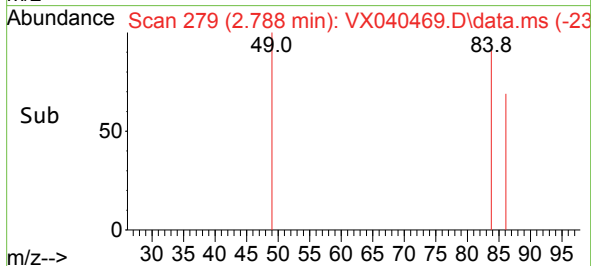
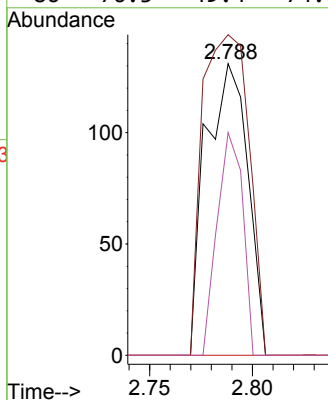


#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

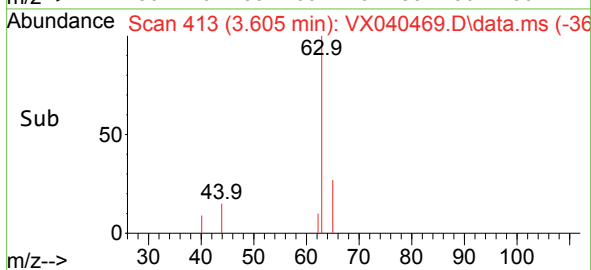
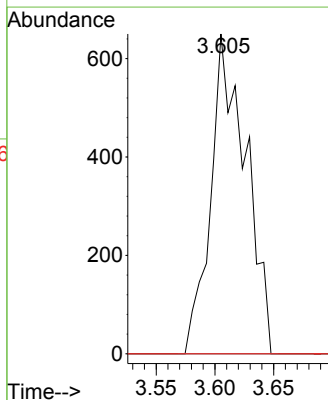
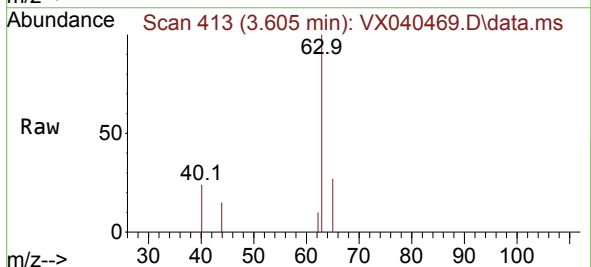


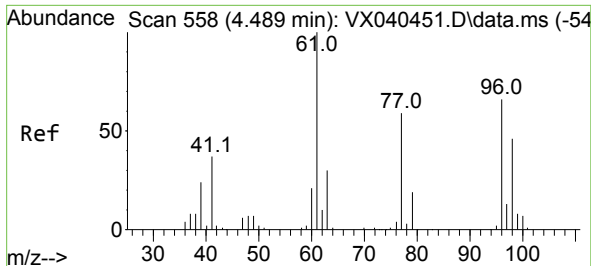
Tgt Ion: 84	Resp: 186
Ion Ratio	Lower Upper
84 100	
49 109.9	103.6 155.4
51 0.0	33.8 50.6#
86 76.3	49.4 74.0#



#24
1,1-Dichloroethane
Concen: 0.828 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion: 63	Resp: 1347
Ion Ratio	Lower Upper
63 100	
98 0.0	3.3 9.8#
100 0.0	2.1 6.5#

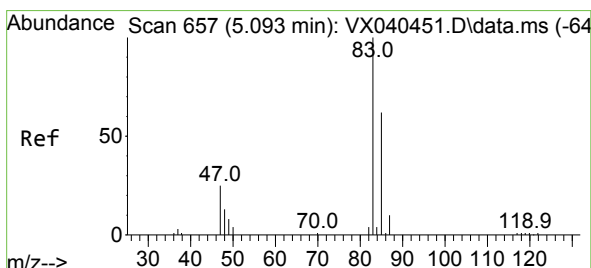
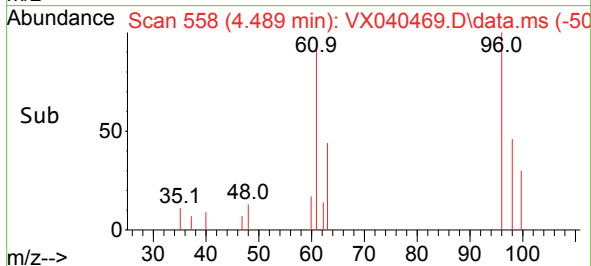
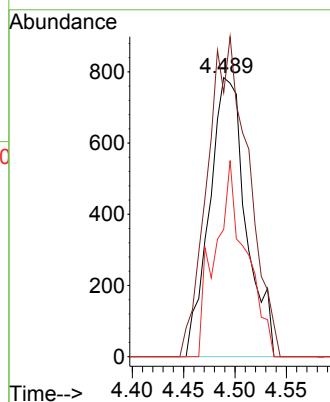
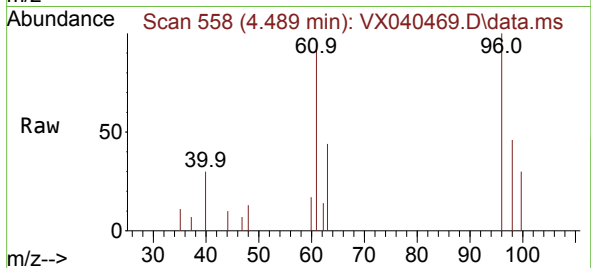




#27
cis-1,2-Dichloroethene
Concen: 1.960 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

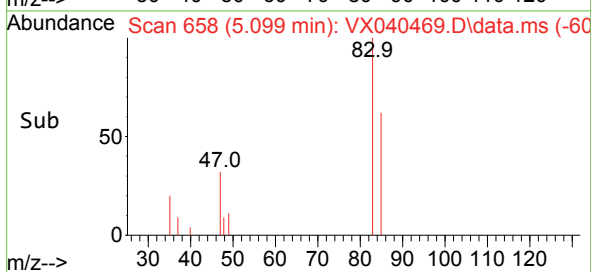
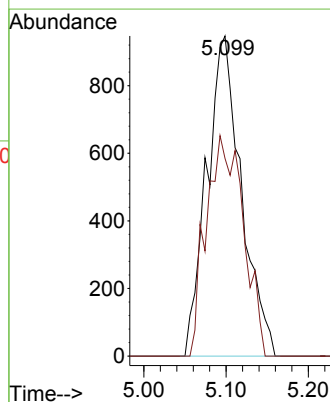
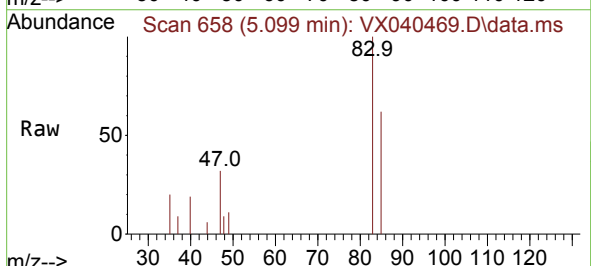
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ClientSampleId :
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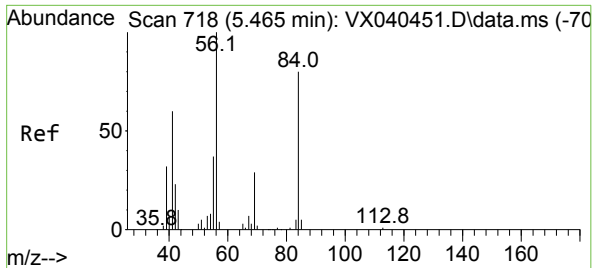
Tgt Ion: 96	Resp:	1940
Ion	Ratio	Lower Upper
96	100	
61	129.4	0.0 312.2
98	59.2	0.0 129.0



#30
Chloroform
Concen: 1.605 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion: 83	Resp:	2772
Ion	Ratio	Lower Upper
83	100	
85	61.8	50.3 75.5

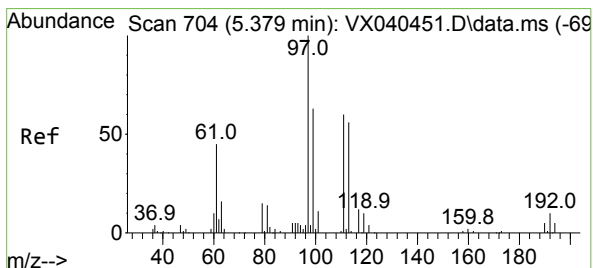
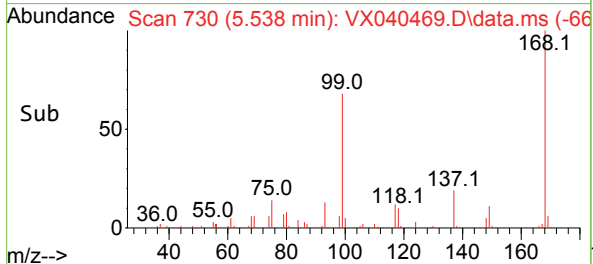
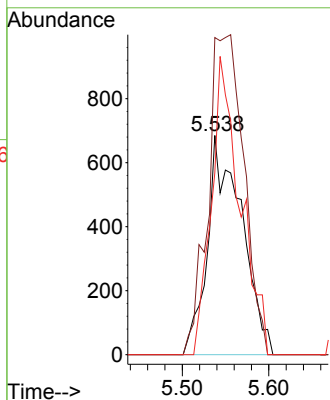
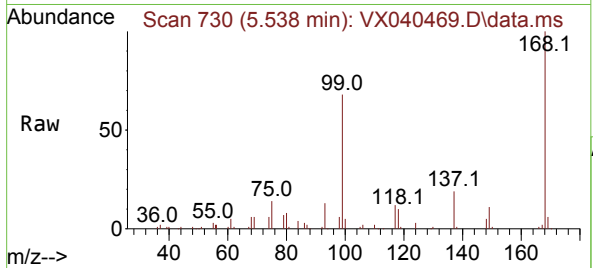




#31
Cyclohexane
Concen: 1.427 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

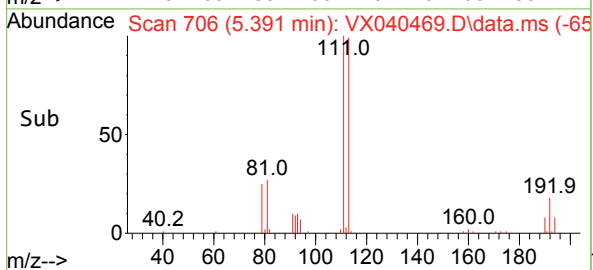
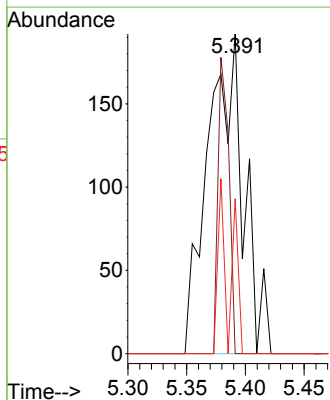
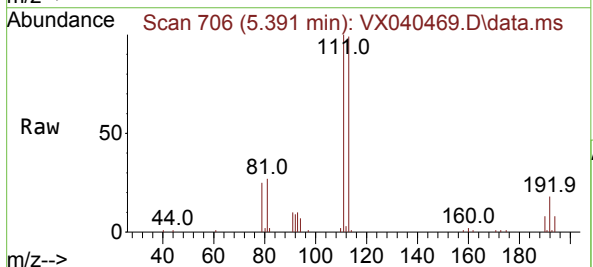
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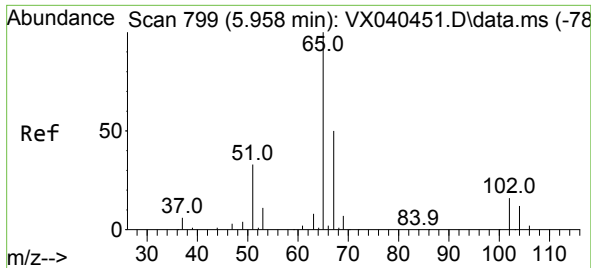
Tgt Ion: 56 Resp: 1883
Ion Ratio Lower Upper
56 100
69 144.7 23.4 35.2#
84 83.1 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 0.276 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion: 97 Resp: 407
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 0.0 36.4 54.6#

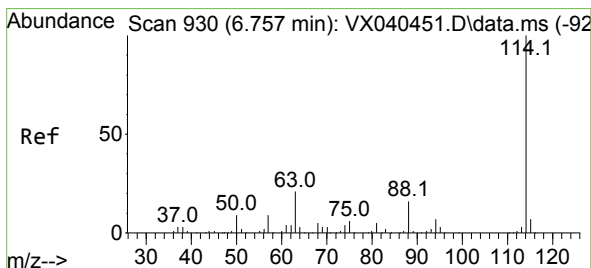
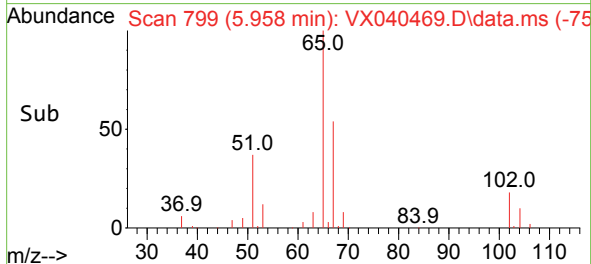
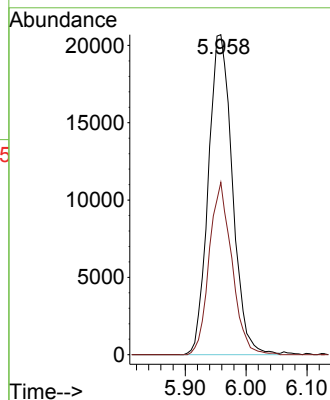
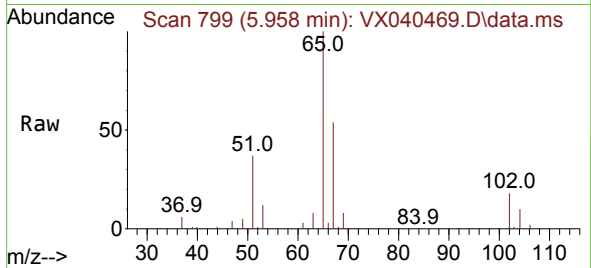




#33
 1,2-Dichloroethane-d4
 Concen: 48.751 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX040469.D
 Acq: 26 Feb 2024 18:34

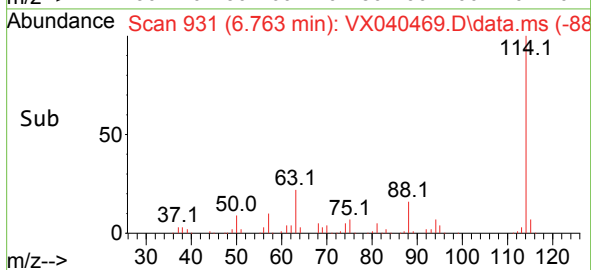
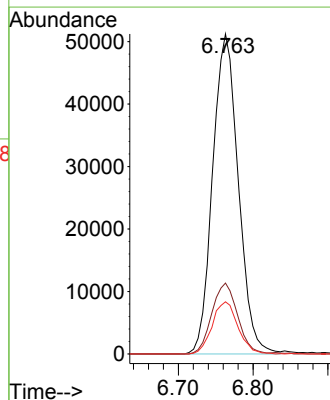
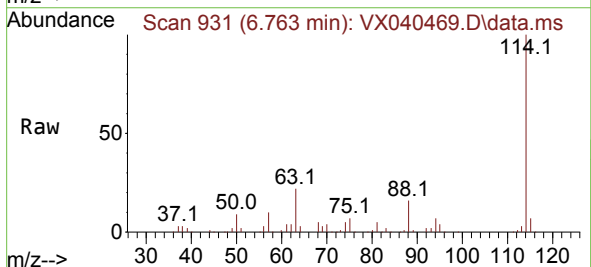
Instrument :
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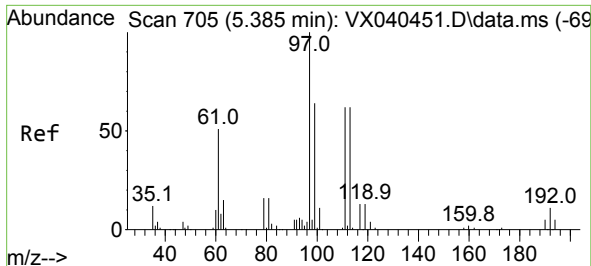
Tgt Ion: 65 Resp: 56786
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040469.D
 Acq: 26 Feb 2024 18:34

Tgt Ion: 114 Resp: 122387
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.3 0.0 36.6

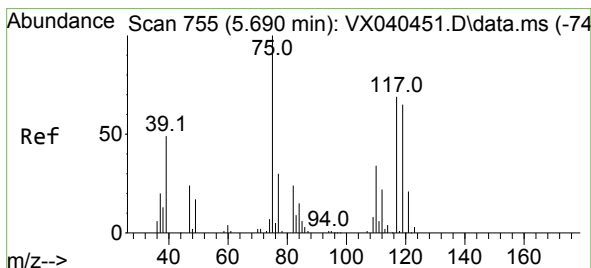
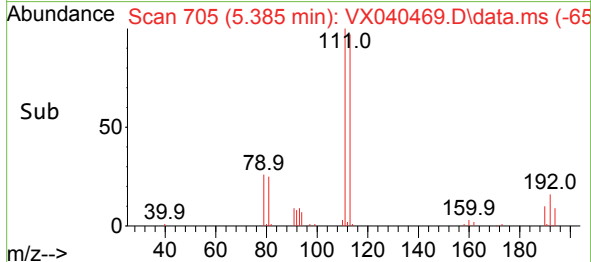
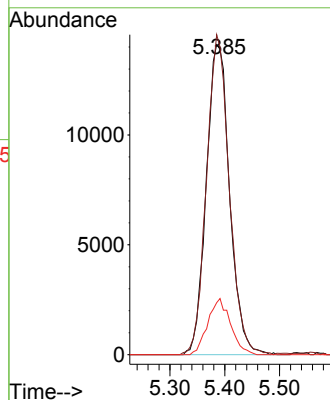
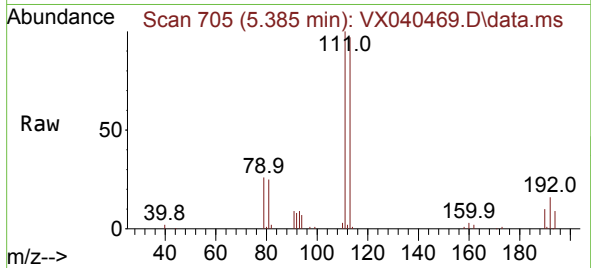




#35
Dibromofluoromethane
Concen: 49.120 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

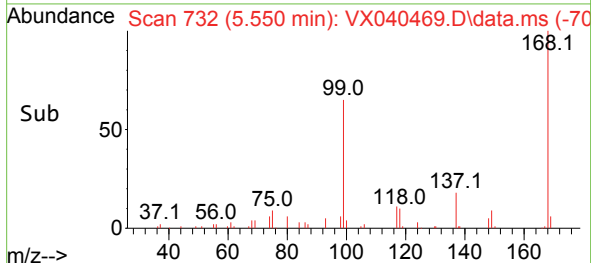
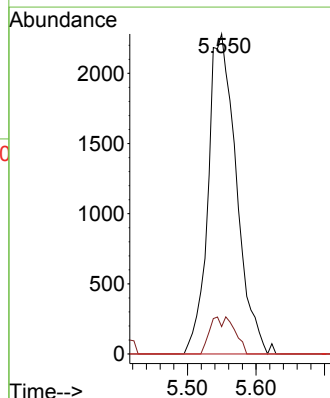
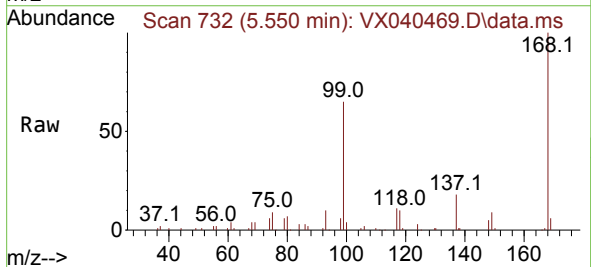
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

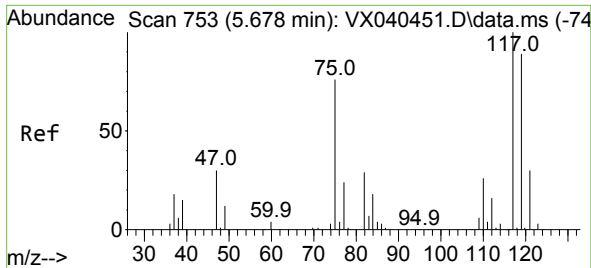
Tgt Ion:113 Resp: 41805
Ion Ratio Lower Upper
113 100
111 100.4 82.9 124.3
192 17.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.989 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion: 75 Resp: 6542
Ion Ratio Lower Upper
75 100
110 5.3 17.0 50.9#
77 0.0 24.7 37.1#

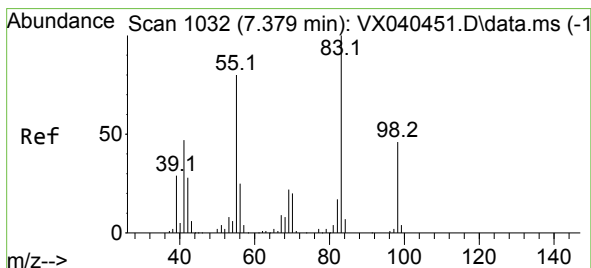
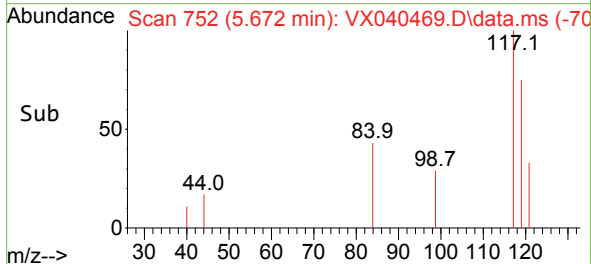
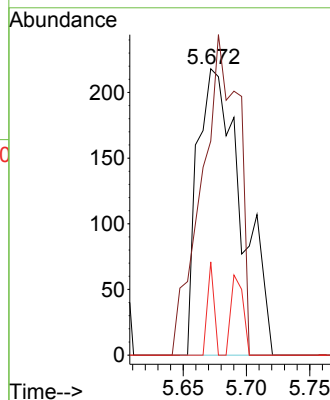
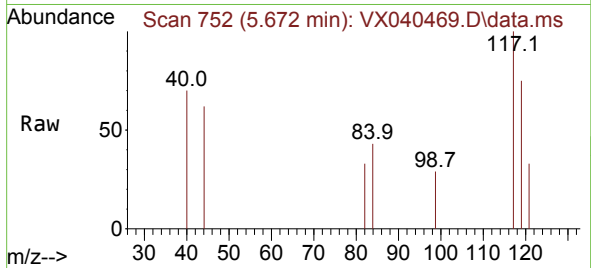




#38
Carbon Tetrachloride
Concen: 0.413 ug/l
RT: 5.672 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

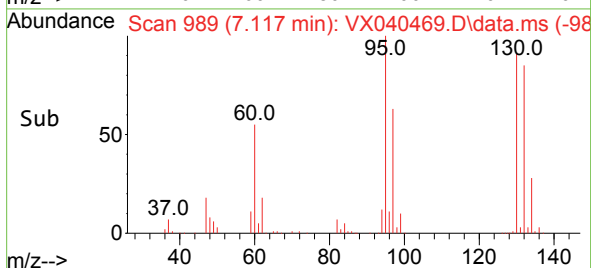
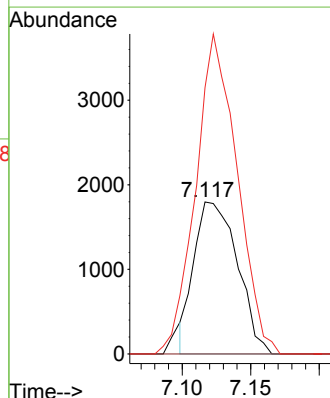
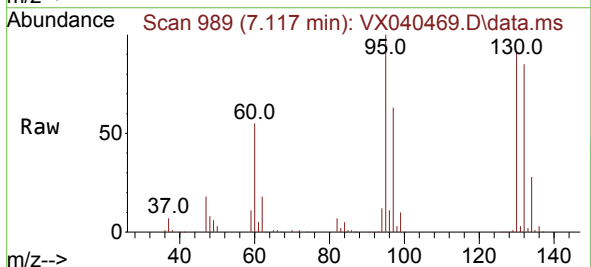
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

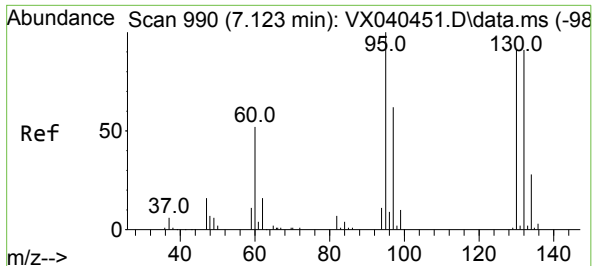
Tgt Ion:117 Resp: 523
Ion Ratio Lower Upper
117 100
119 74.8 78.2 117.2#
121 32.6 24.4 36.6



#39
Methylcyclohexane
Concen: 2.798 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.262 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion: 83 Resp: 3961
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 175.1 36.7 55.1#

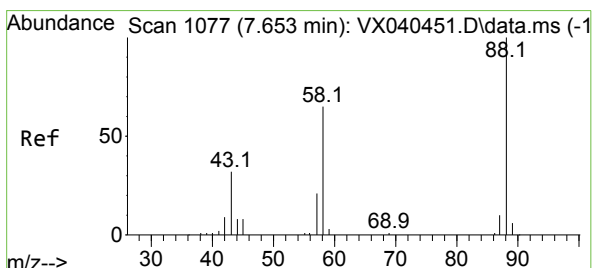
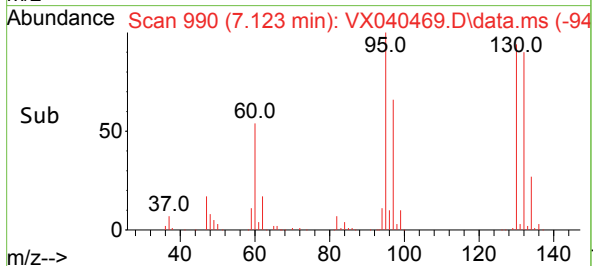
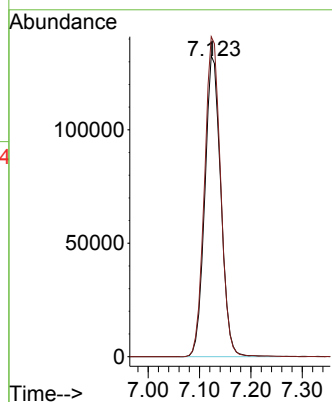
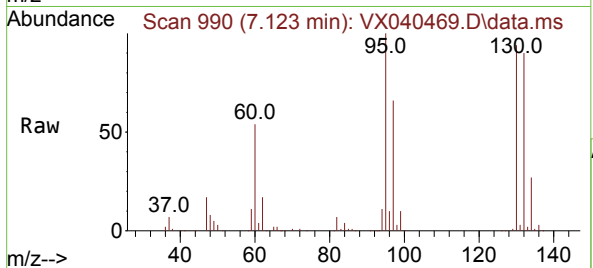




#44
Trichloroethene
Concen: 300.518 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

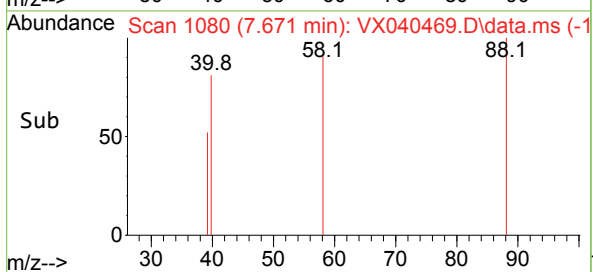
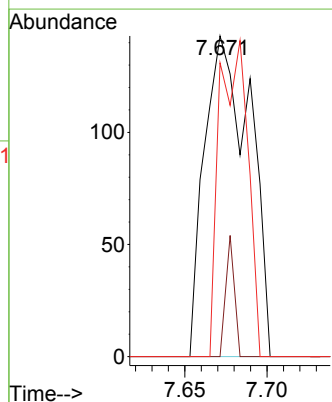
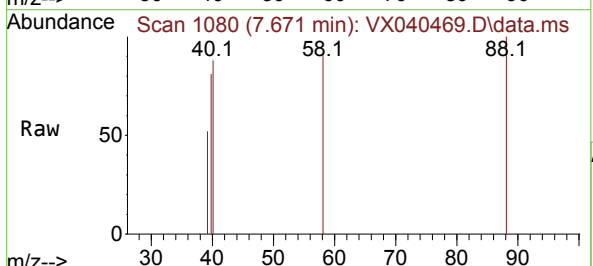
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

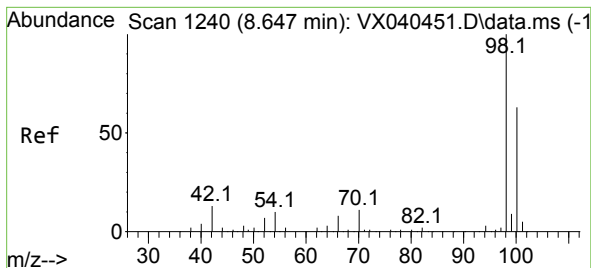
Tgt Ion:130 Resp: 286917
Ion Ratio Lower Upper
130 100
95 106.3 0.0 204.4



#49
1,4-Dioxane
Concen: 12.917 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.018 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion: 88 Resp: 275
Ion Ratio Lower Upper
88 100
43 7.3 0.0 0.0#
58 61.8 60.1 90.1





#50

Toluene-d8

Concen: 49.244 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040469.D

Acq: 26 Feb 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

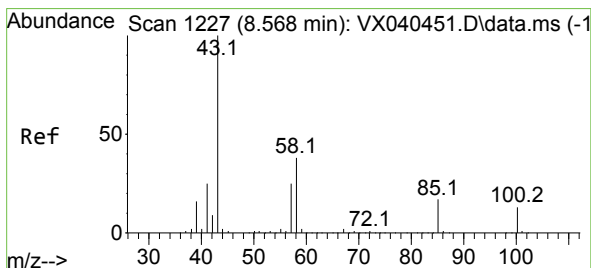
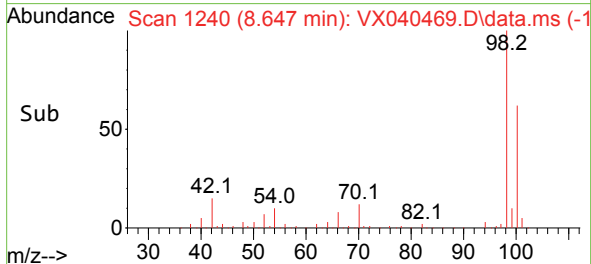
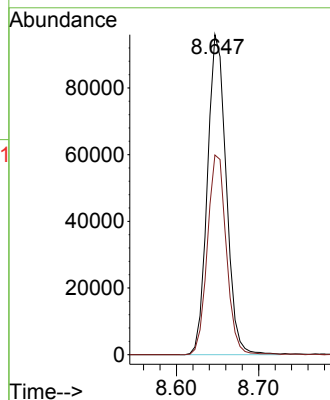
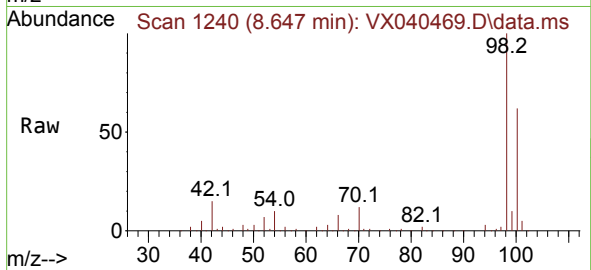
TT180D1-20240221

Tgt Ion: 98 Resp: 152129

Ion Ratio Lower Upper

98 100

100 62.9 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.539 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.085 min

Lab File: VX040469.D

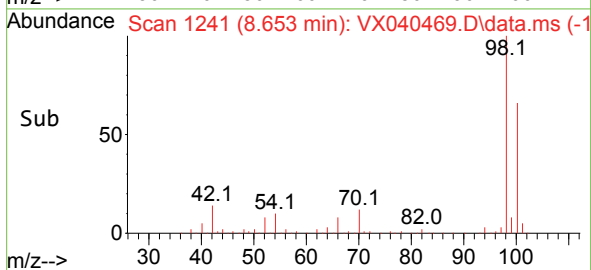
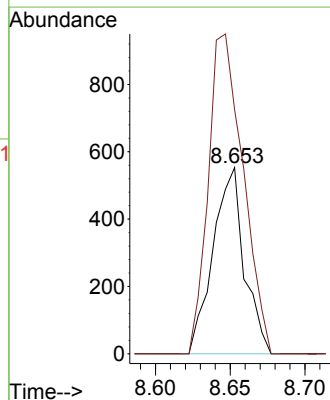
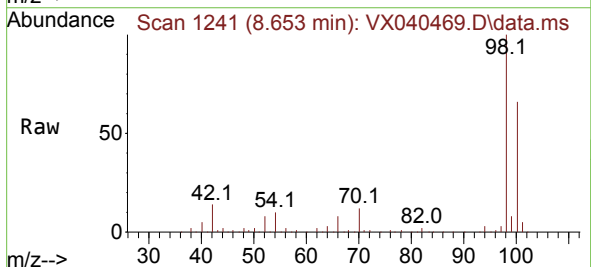
Acq: 26 Feb 2024 18:34

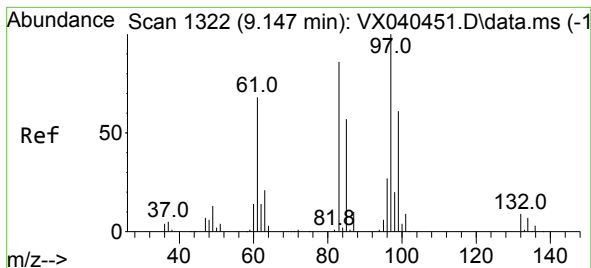
Tgt Ion: 43 Resp: 802

Ion Ratio Lower Upper

43 100

58 191.6 30.4 45.6#





#55

1,1,2-Trichloroethane

Concen: 1.457 ug/l

RT: 9.159 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX040469.D

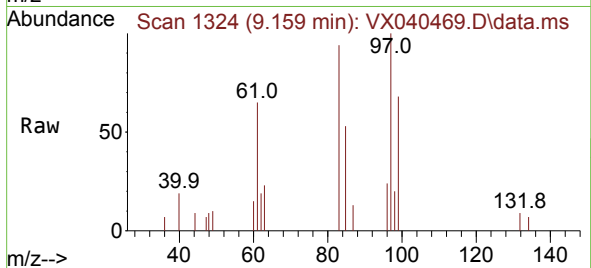
Acq: 26 Feb 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20240221



Tgt Ion: 97 Resp: 1317

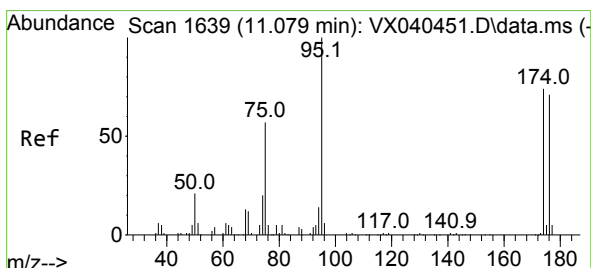
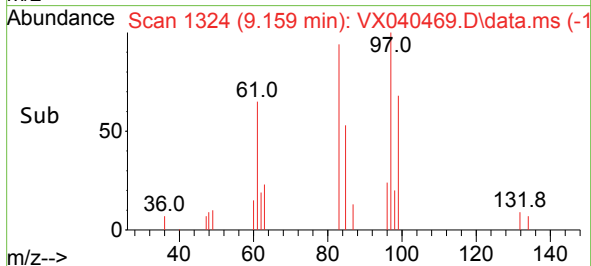
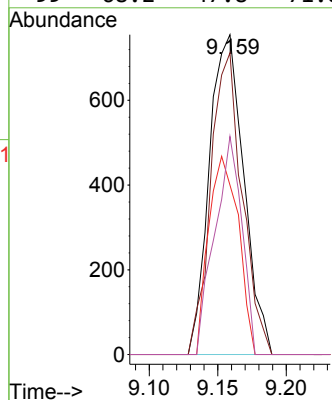
Ion Ratio Lower Upper

97 100

83 94.3 65.8 98.8

85 53.0 41.6 62.4

99 68.2 47.8 71.8



#62

4-Bromofluorobenzene

Concen: 50.495 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040469.D

Acq: 26 Feb 2024 18:34

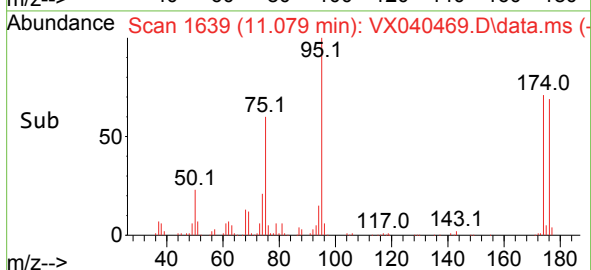
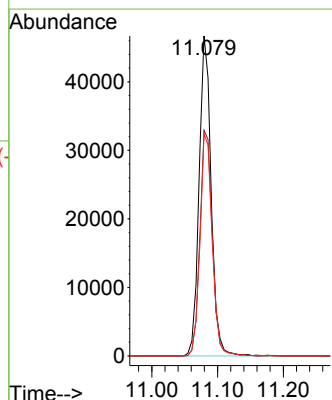
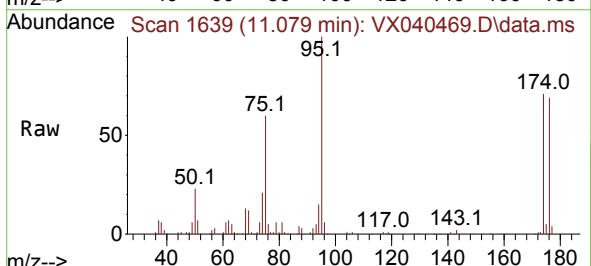
Tgt Ion: 95 Resp: 59463

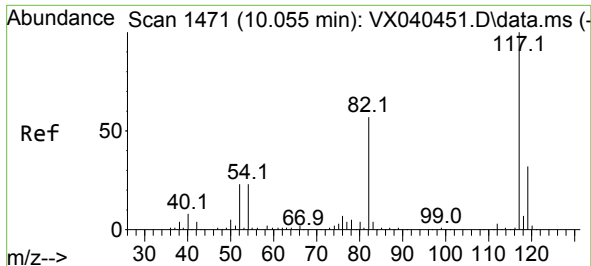
Ion Ratio Lower Upper

95 100

174 72.9 0.0 135.6

176 70.1 0.0 131.0

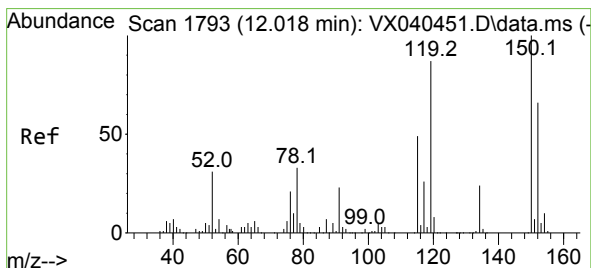
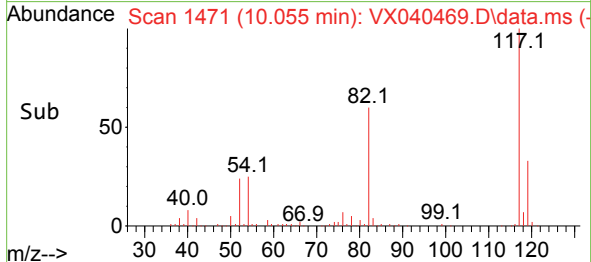
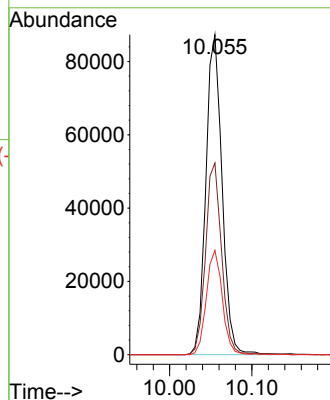
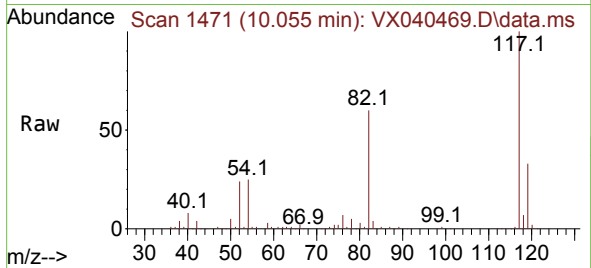




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

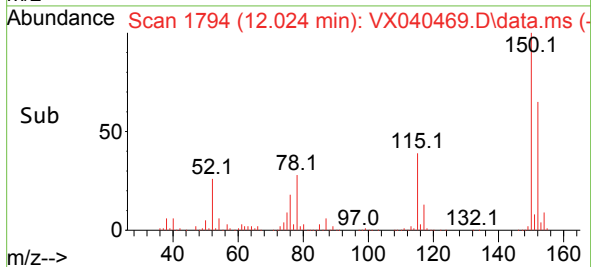
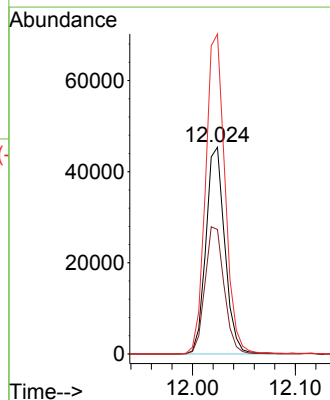
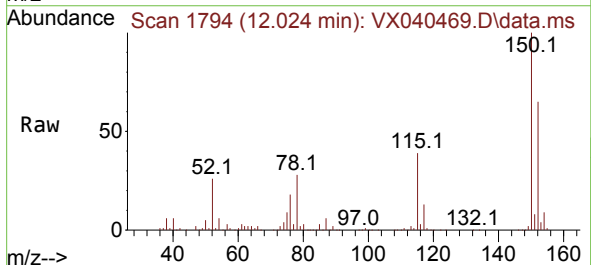
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

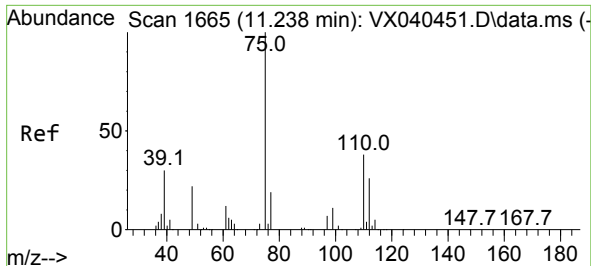
Tgt Ion:117 Resp: 119303
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion:152 Resp: 58373
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 158.6 0.0 345.0

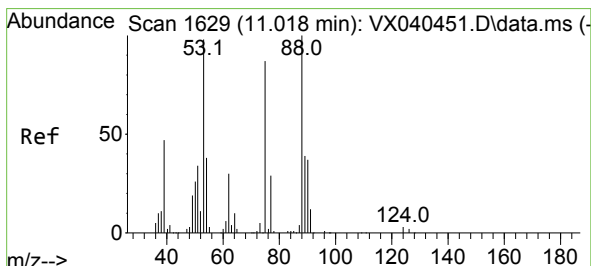
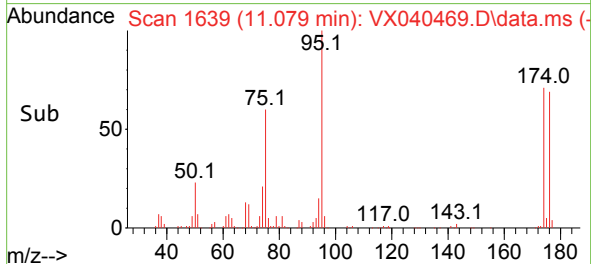
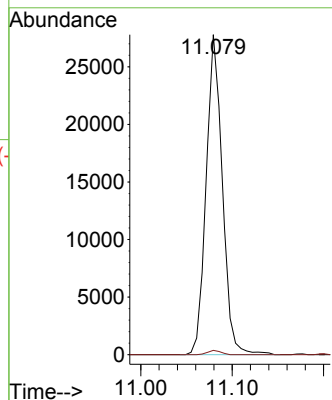
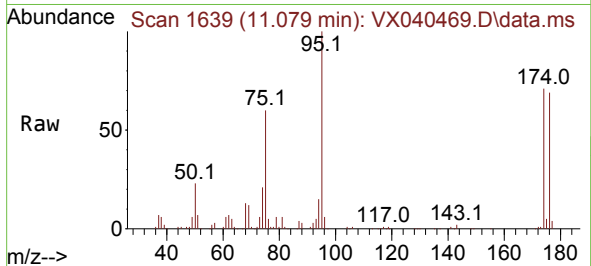




#76
1,2,3-Trichloropropane
Concen: 26.566 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240221

Tgt Ion: 75 Resp: 34129
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.192 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040469.D
Acq: 26 Feb 2024 18:34

Tgt Ion: 75 Resp: 34129
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

