

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040385.D
 Acq On : 21 Feb 2024 16:36
 Operator : JC/MD
 Sample : P1520-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20240216

Quant Time: Feb 22 01:10:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

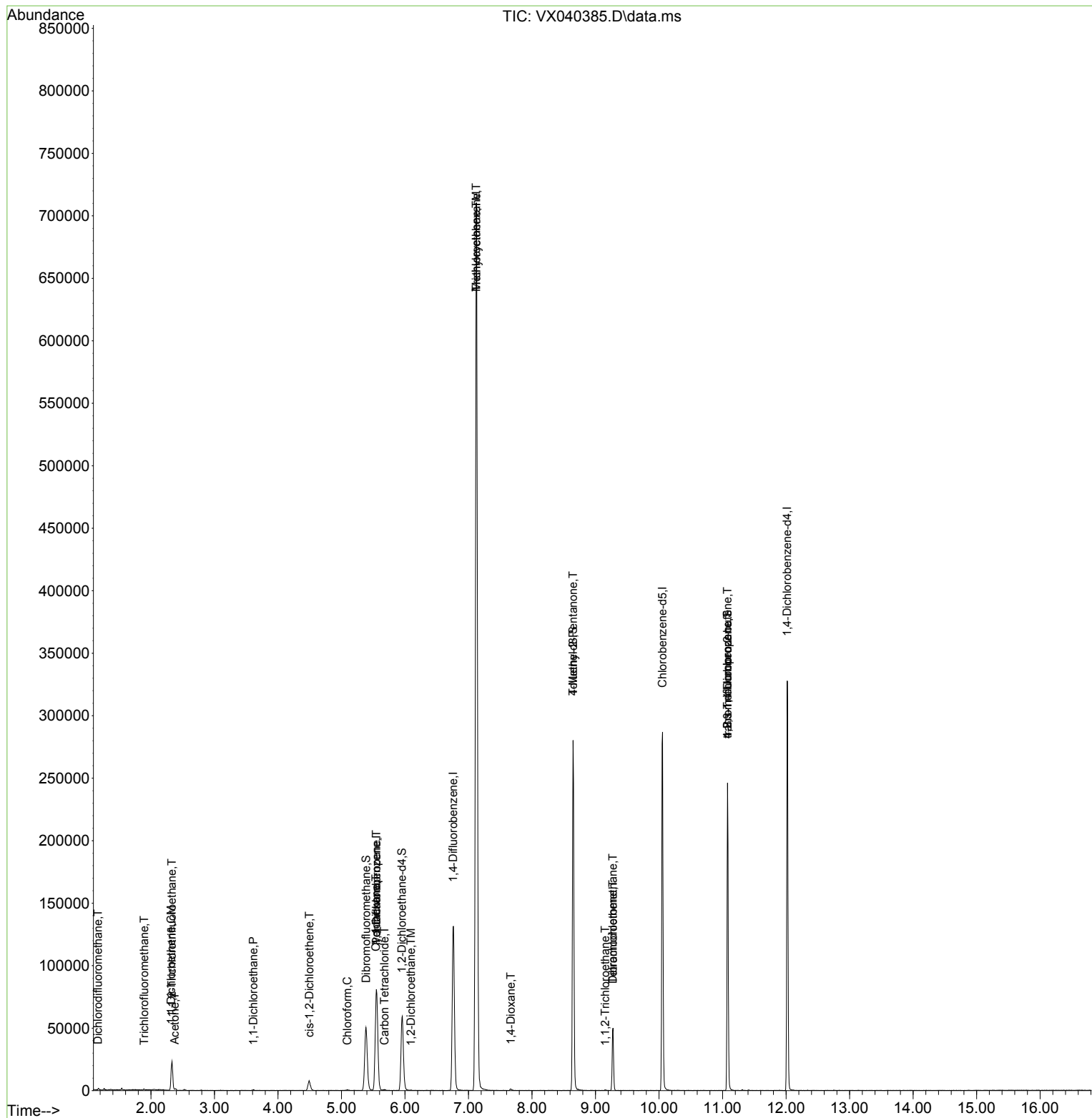
Internal Standards						
1) Pentafluorobenzene	5.550	168	71863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57747	54.014	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.020%
35) Dibromofluoromethane	5.385	113	43287	47.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.820%
50) Toluene-d8	8.647	98	159058	46.570	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.140%
62) 4-Bromofluorobenzene	11.079	95	62524	44.886	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	293	0.361	ug/l	82
7) Trichlorofluoromethane	1.892	101	340	0.239	ug/l #	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	7529	9.880	ug/l	98
12) 1,1-Dichloroethene	2.319	96	1699	2.316	ug/l	97
16) Acetone	2.374	43	807	1.838	ug/l	97
20) Methylene Chloride	2.782	84	49	Below Cal	#	50
24) 1,1-Dichloroethane	3.611	63	694	0.461	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	4436	4.654	ug/l	92
30) Chloroform	5.093	83	699	0.430	ug/l	99
31) Cyclohexane	5.544	56	1974	1.548	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6421	5.020	ug/l #	50
38) Carbon Tetrachloride	5.678	117	360	0.296	ug/l #	83
39) Methylcyclohexane	7.123	83	3524	2.371	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	285	0.204	ug/l #	77
44) Trichloroethene	7.123	130	249752	253.140	ug/l	93
49) 1,4-Dioxane	7.665	88	865	34.977	ug/l #	98
51) 4-Methyl-2-Pentanone	8.647	43	756	0.498	ug/l #	1
55) 1,1,2-Trichloroethane	9.153	97	204	0.204	ug/l #	43
60) Dibromochloromethane	9.275	129	8881	8.724	ug/l #	11
64) Tetrachloroethene	9.275	164	8483	9.615	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	34172	26.908	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34172	73.746	ug/l #	5

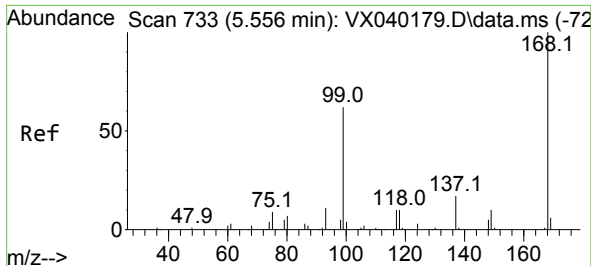
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

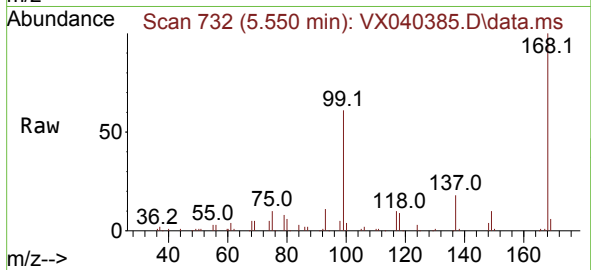
Quant Time: Feb 22 01:10:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



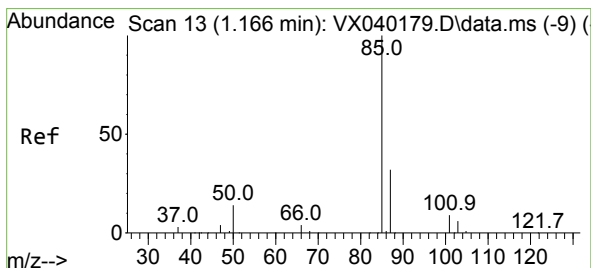
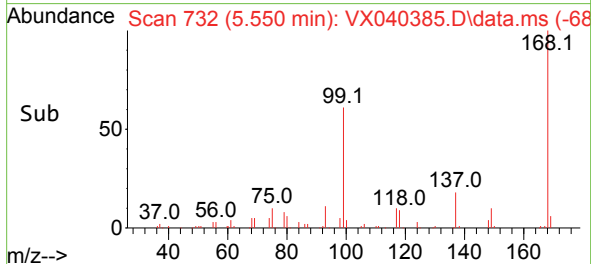
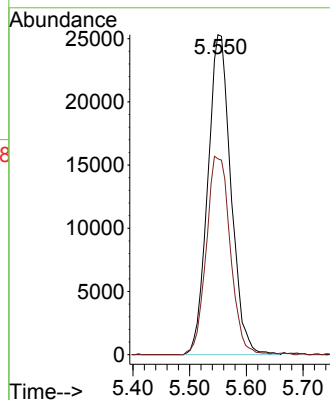


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

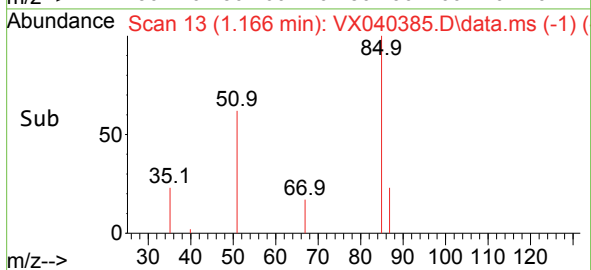
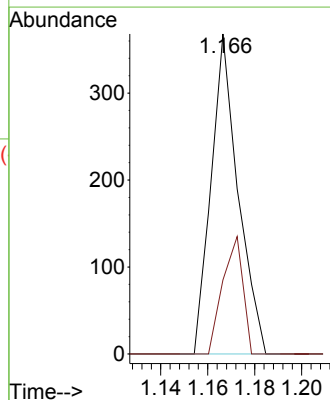
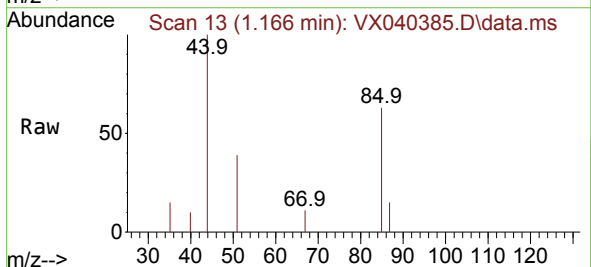


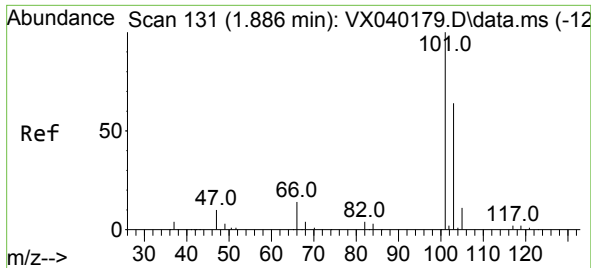
Tgt Ion:168 Resp: 71863
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.361 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion: 85 Resp: 293
Ion Ratio Lower Upper
85 100
87 23.1 16.7 50.1

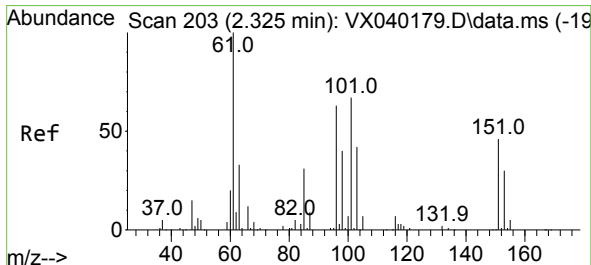
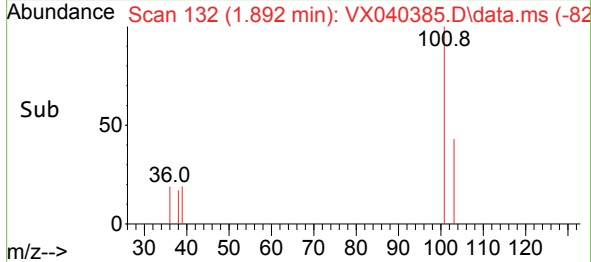
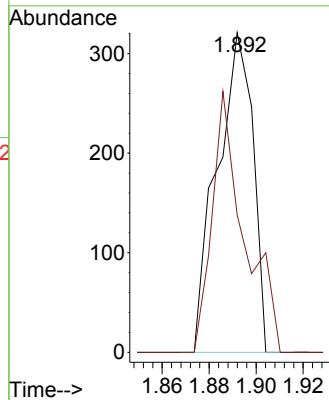
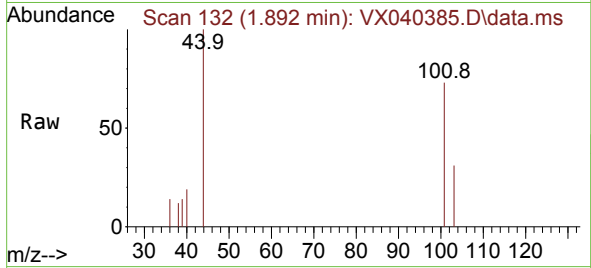




#7
 Trichlorofluoromethane
 Concen: 0.239 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040385.D
 Acq: 21 Feb 2024 16:36

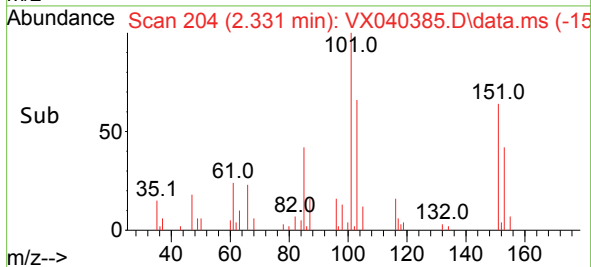
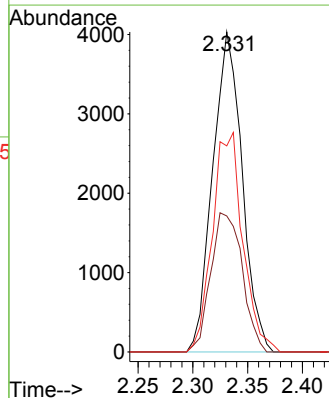
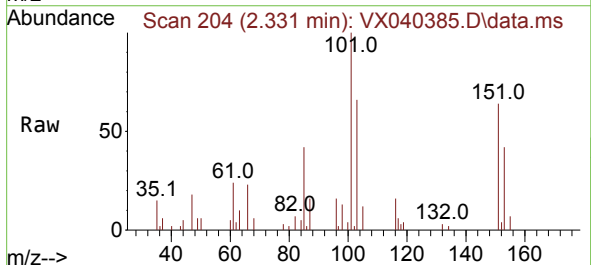
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20240216

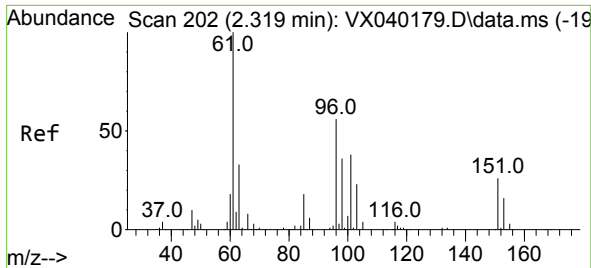
Tgt Ion:101 Resp: 340
 Ion Ratio Lower Upper
 101 100
 103 43.0 51.4 77.2#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.880 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX040385.D
 Acq: 21 Feb 2024 16:36

Tgt Ion:101 Resp: 7529
 Ion Ratio Lower Upper
 101 100
 85 46.6 37.0 55.6
 151 70.8 58.6 87.8

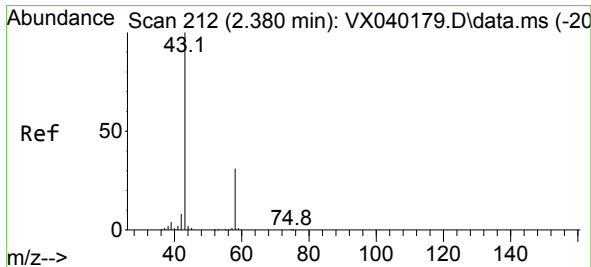
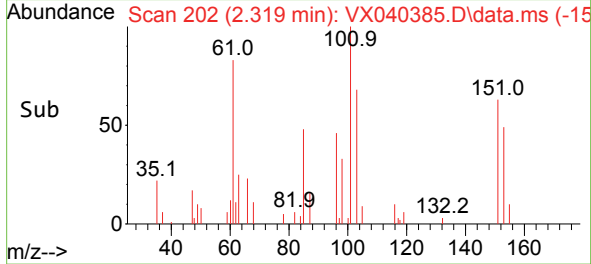
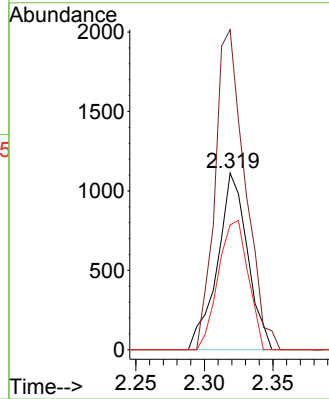
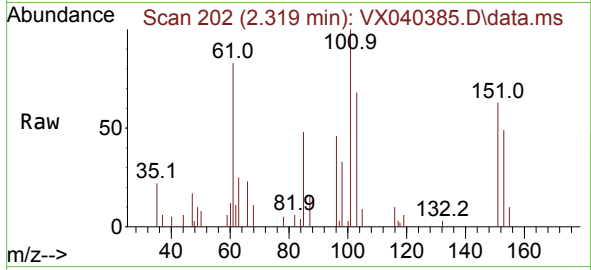




#12
1,1-Dichloroethene
Concen: 2.316 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

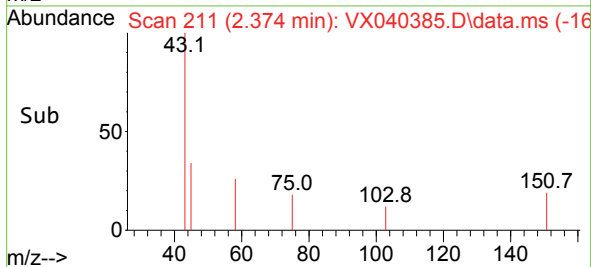
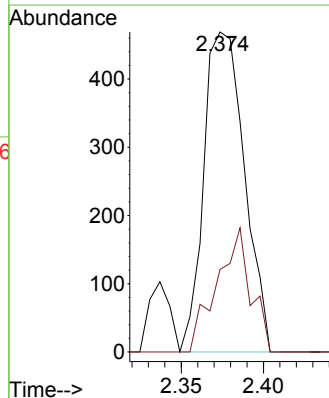
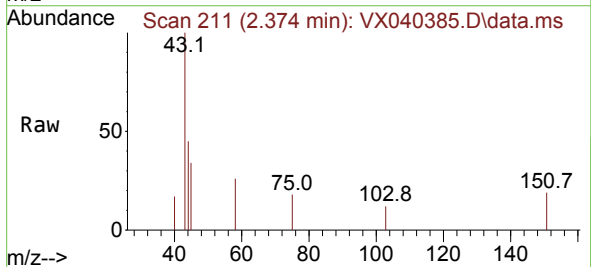
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

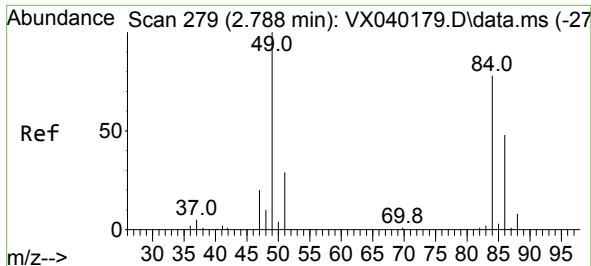
Tgt Ion:	96	Resp:	1699
Ion	Ratio	Lower	Upper
96	100		
61	181.4	144.6	216.8
98	70.7	50.4	75.6



#16
Acetone
Concen: 1.838 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

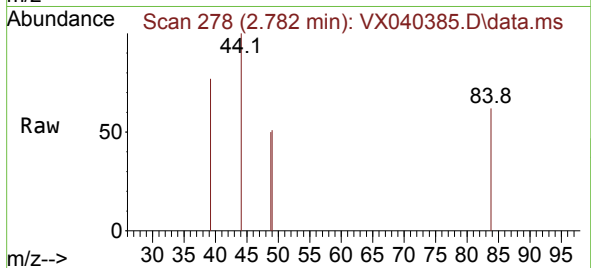
Tgt Ion:	43	Resp:	807
Ion	Ratio	Lower	Upper
43	100		
58	25.8	21.9	32.9



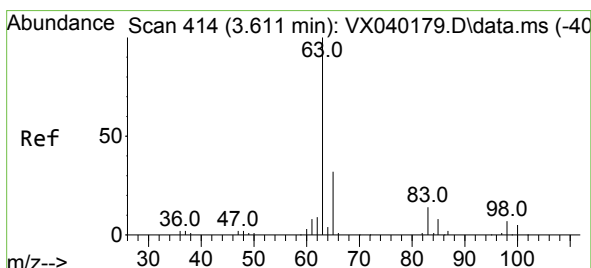
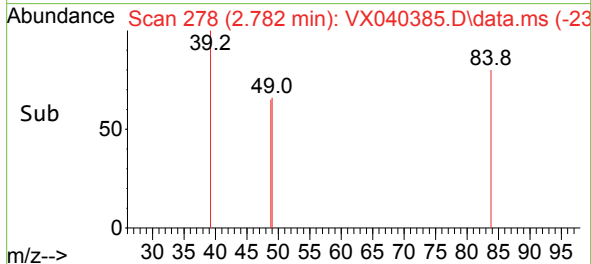
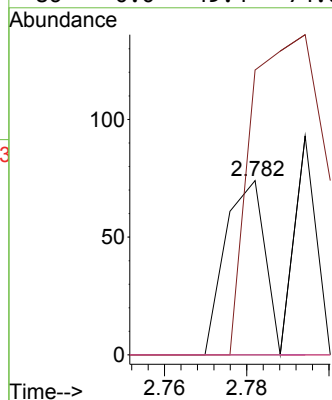


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

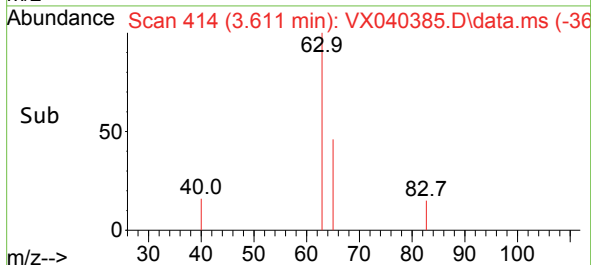
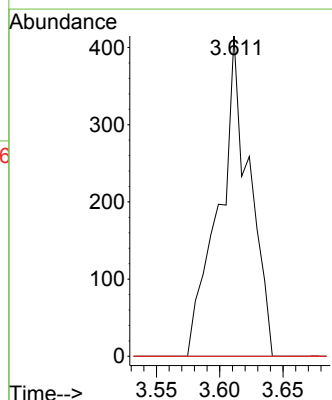
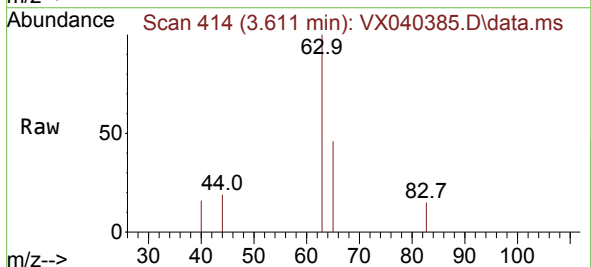


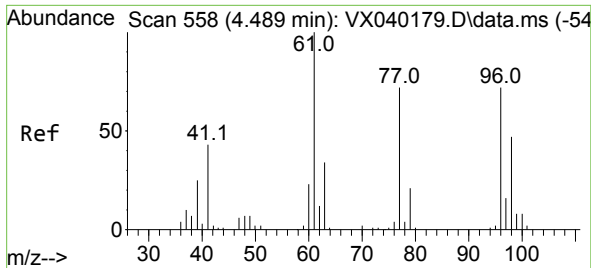
Tgt Ion: 84 Resp: 49
Ion Ratio Lower Upper
84 100
49 163.5 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#



#24
1,1-Dichloroethane
Concen: 0.461 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion: 63 Resp: 694
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

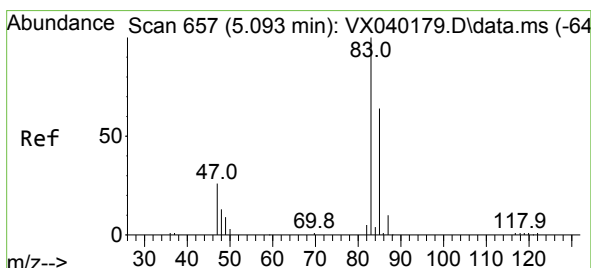
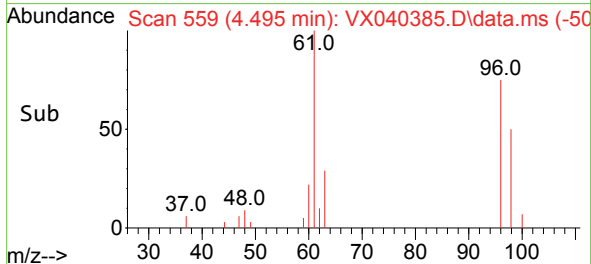
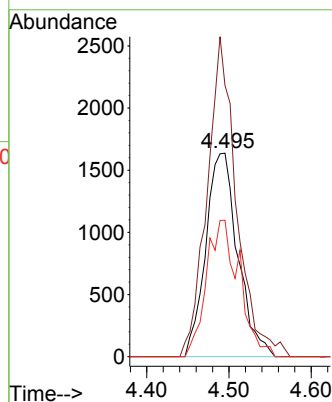
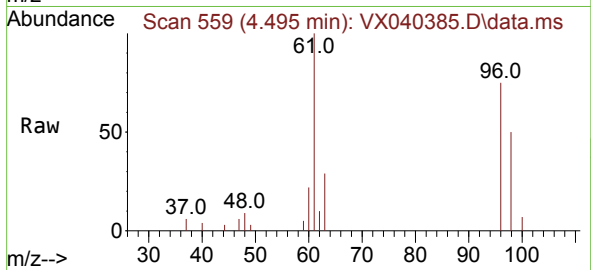




#27
 cis-1,2-Dichloroethene
 Concen: 4.654 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX040385.D
 Acq: 21 Feb 2024 16:36

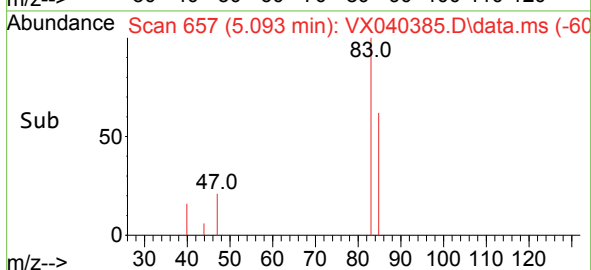
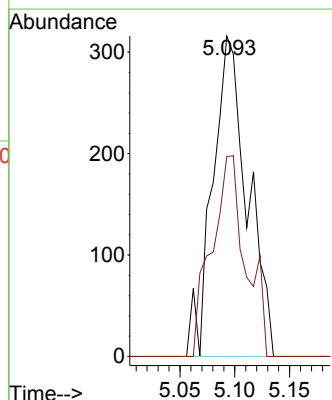
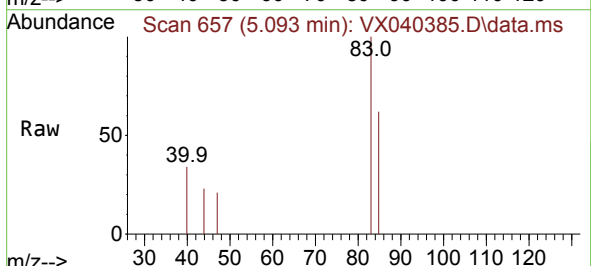
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 ClientSampleId :
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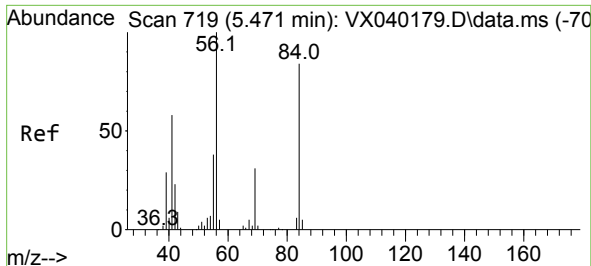
Tgt Ion: 96 Resp: 4436
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 312.2
 98 68.8 0.0 129.0



#30
 Chloroform
 Concen: 0.430 ug/l
 RT: 5.093 min Scan# 657
 Delta R.T. -0.006 min
 Lab File: VX040385.D
 Acq: 21 Feb 2024 16:36

Tgt Ion: 83 Resp: 699
 Ion Ratio Lower Upper
 83 100
 85 62.3 50.3 75.5

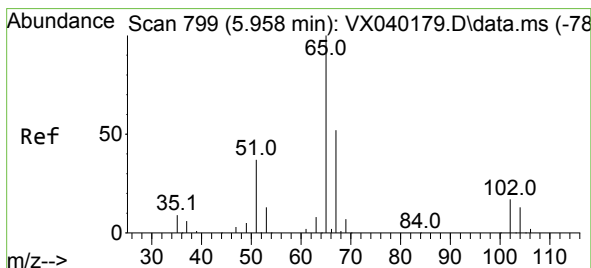
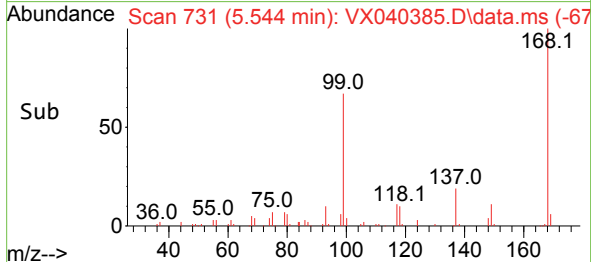
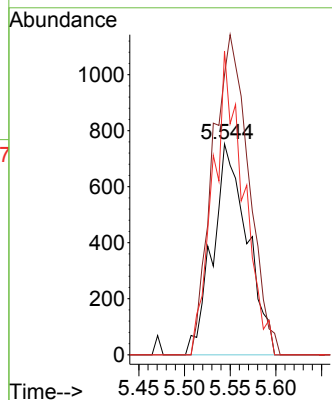
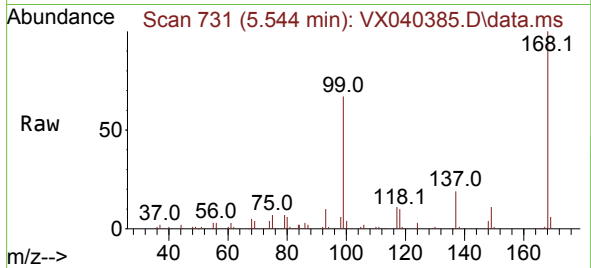




#31
Cyclohexane
Concen: 1.548 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

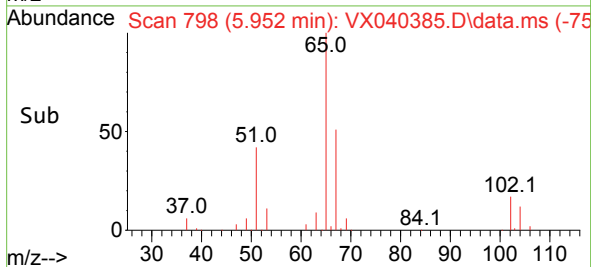
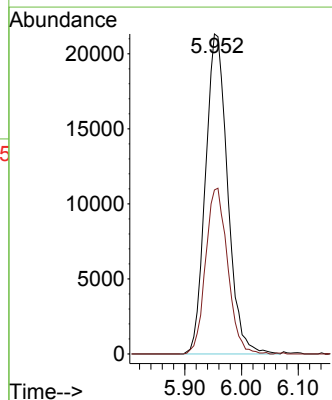
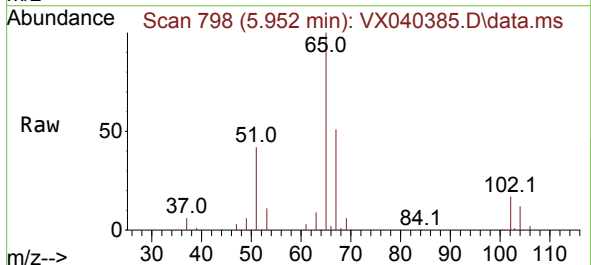
Instrument :
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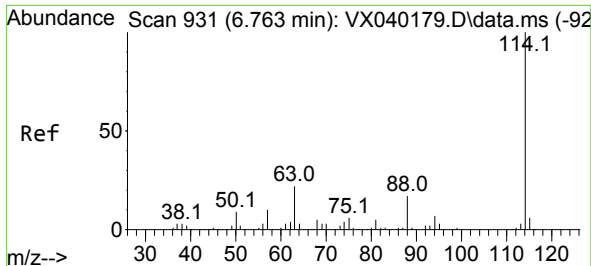
Tgt Ion: 56 Resp: 1974
Ion Ratio Lower Upper
56 100
69 132.8 23.4 35.2#
84 144.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 54.014 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion: 65 Resp: 57747
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

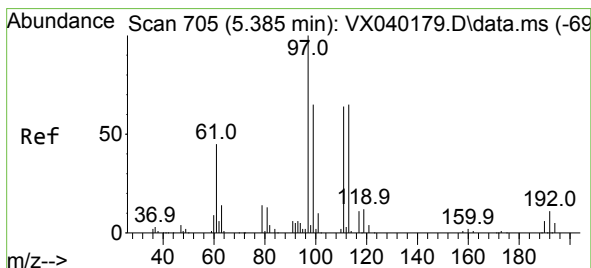
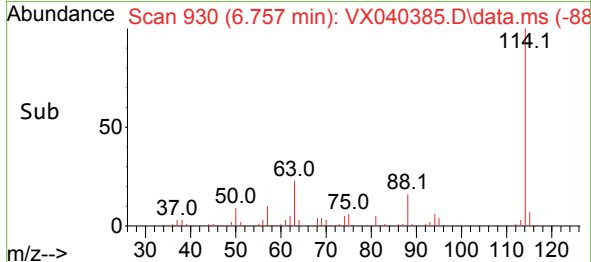
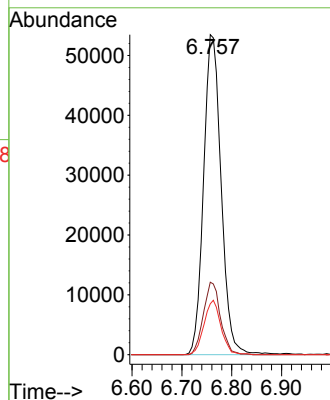
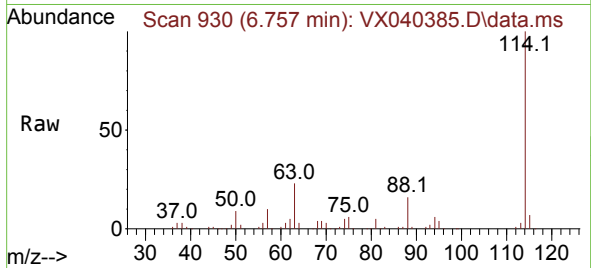




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

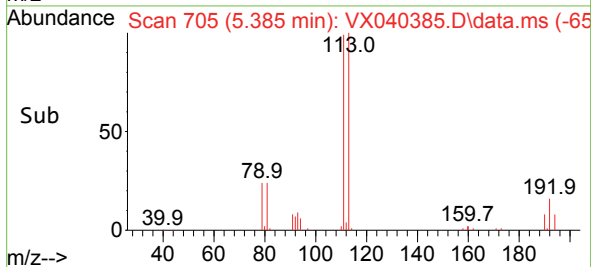
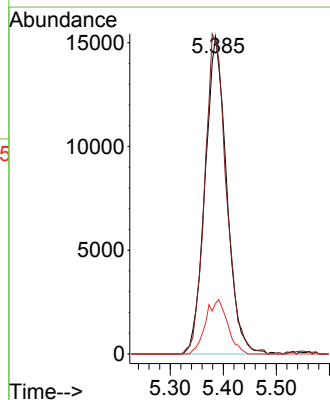
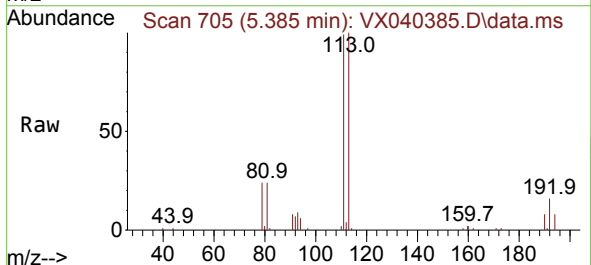
Instrument :
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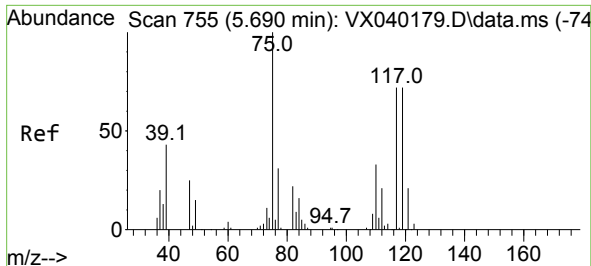
Tgt Ion:114 Resp: 130745
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.409 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion:113 Resp: 43287
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 17.4 13.3 19.9

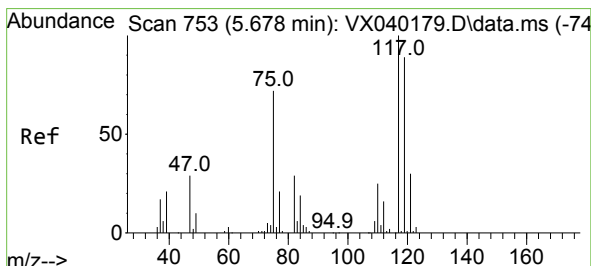
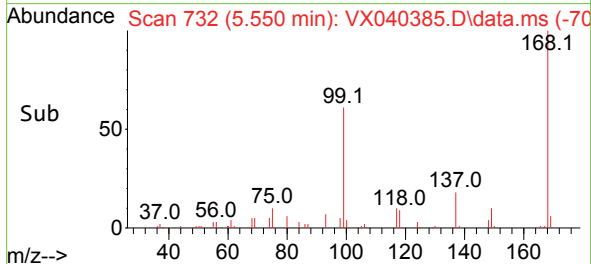
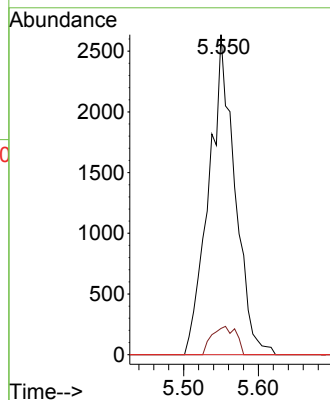
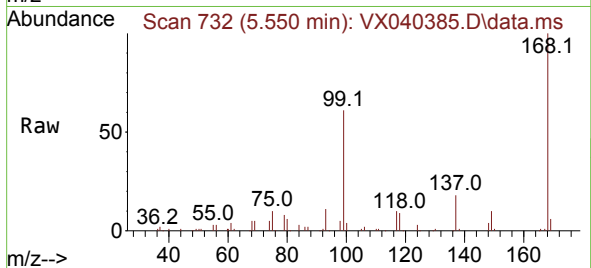




#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

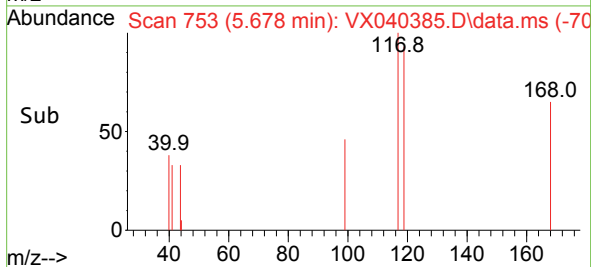
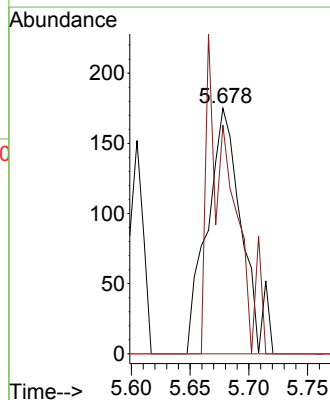
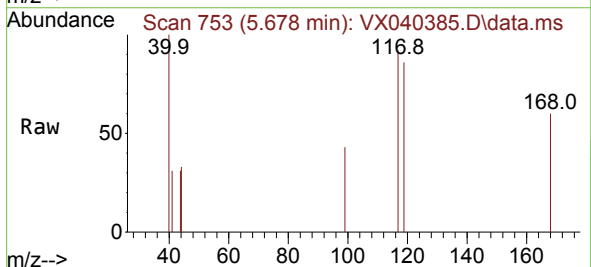
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

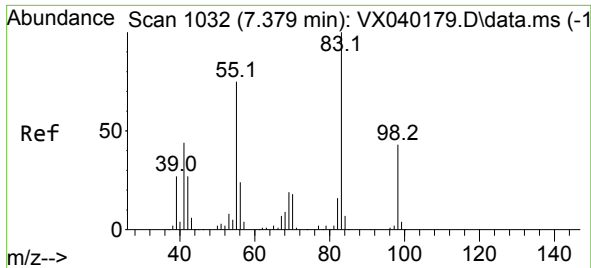
Tgt Ion: 75 Resp: 6421
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 0.296 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion: 117 Resp: 360
Ion Ratio Lower Upper
117 100
119 93.1 78.2 117.2
121 0.0 24.4 36.6#

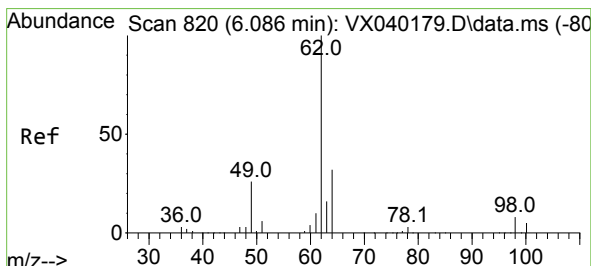
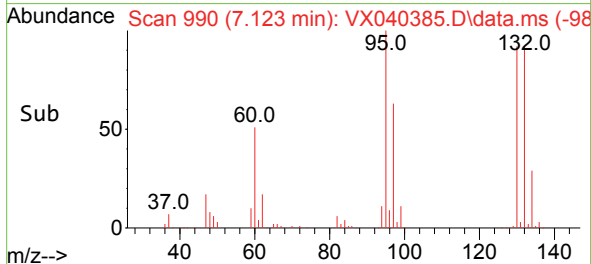
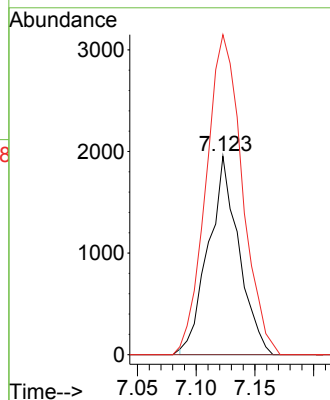
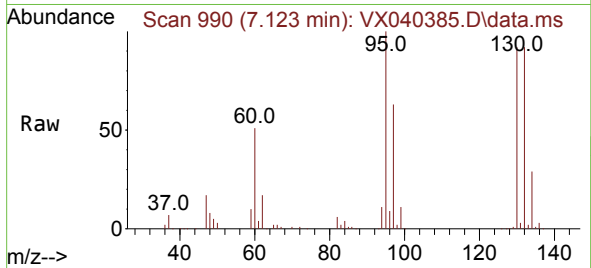




#39
Methylcyclohexane
Concen: 2.371 ug/l
RT: 7.123 min Scan# 91
Delta R.T. -0.256 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

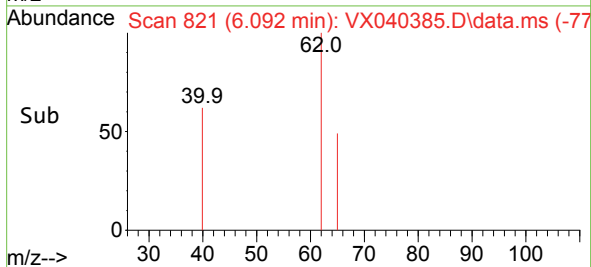
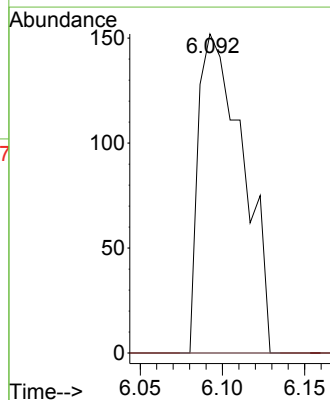
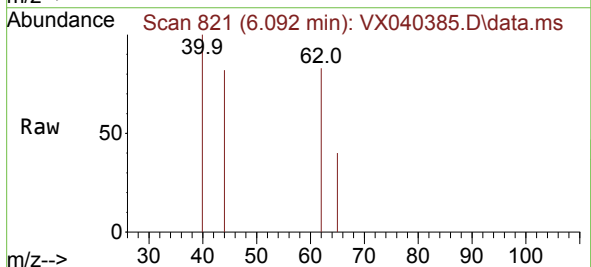
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

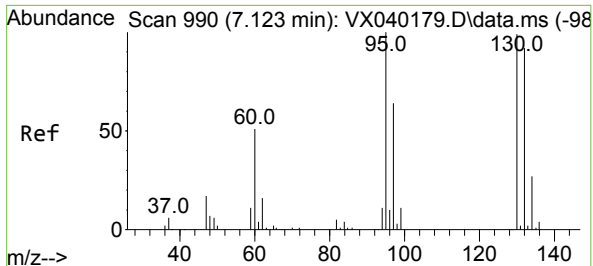
Tgt Ion: 83 Resp: 3524
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 161.2 36.7 55.1#



#42
1,2-Dichloroethane
Concen: 0.204 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion: 62 Resp: 285
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0

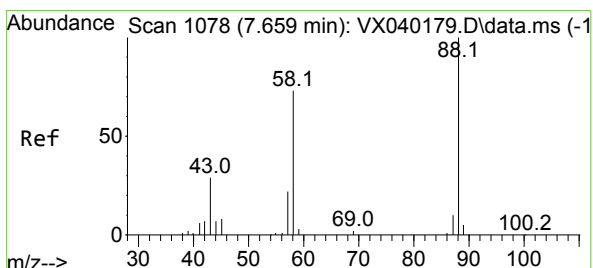
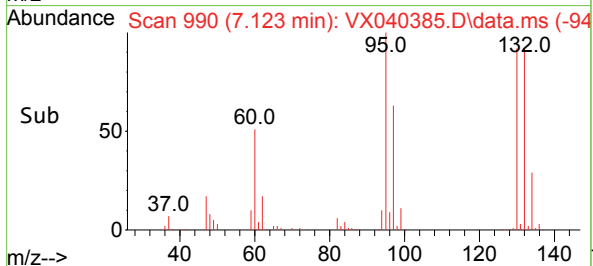
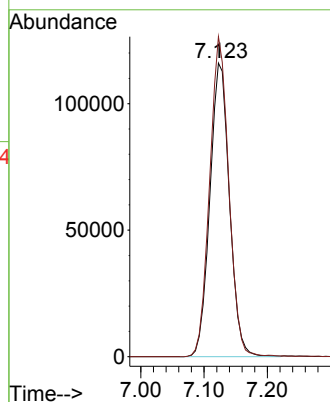
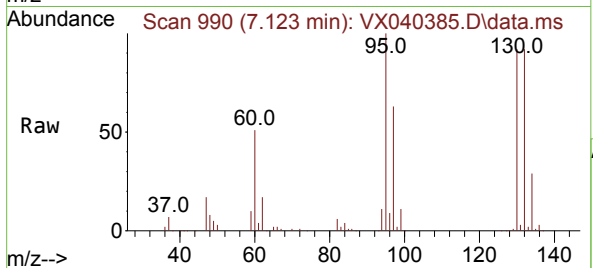




#44
Trichloroethene
Concen: 253.140 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

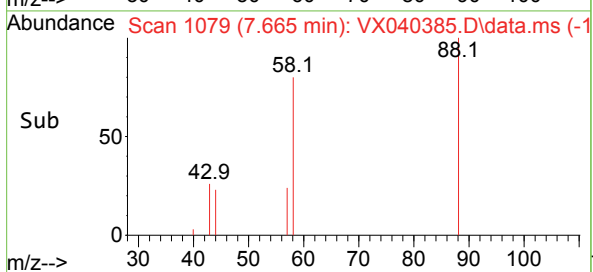
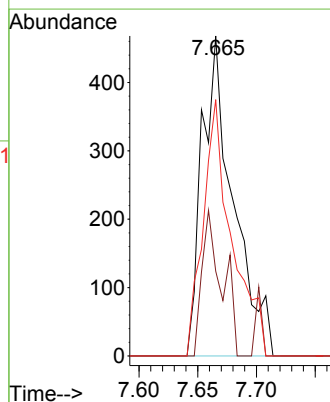
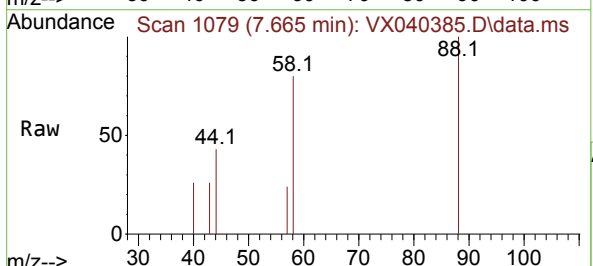
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

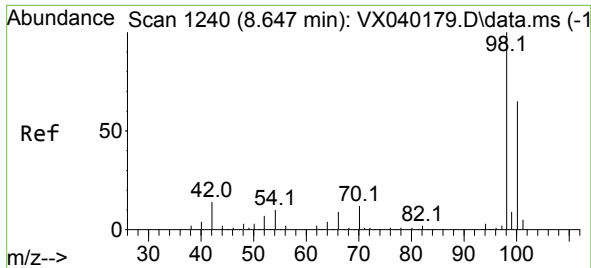
Tgt Ion:130 Resp: 249752
Ion Ratio Lower Upper
130 100
95 109.0 0.0 204.4



#49
1,4-Dioxane
Concen: 34.977 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion: 88 Resp: 865
Ion Ratio Lower Upper
88 100
43 29.1 0.0 0.0#
58 73.4 60.1 90.1

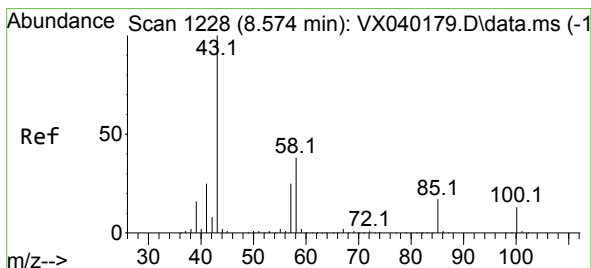
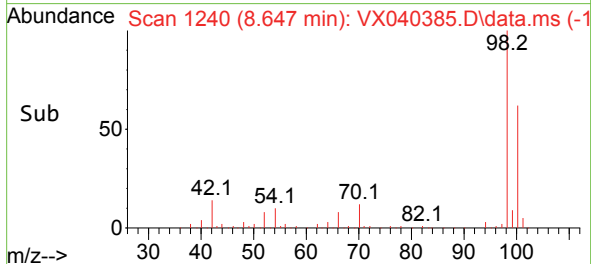
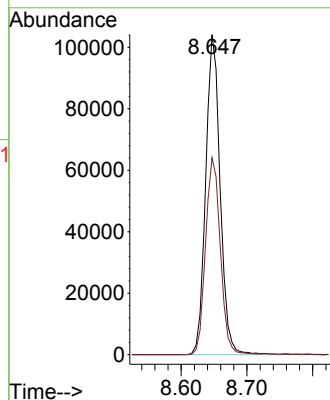
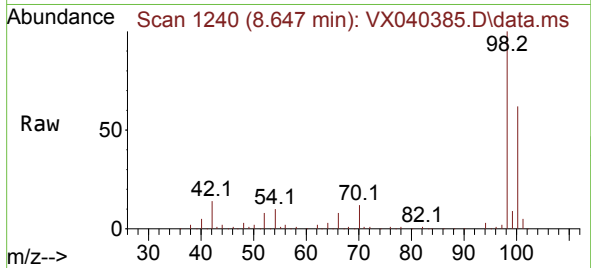




#50
Toluene-d8
Concen: 46.570 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

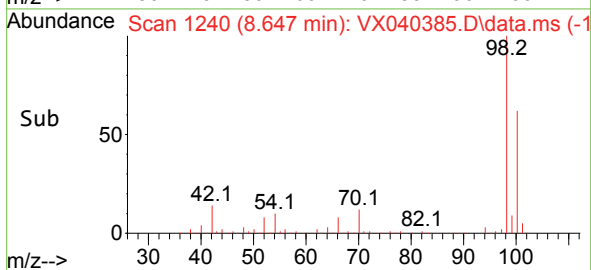
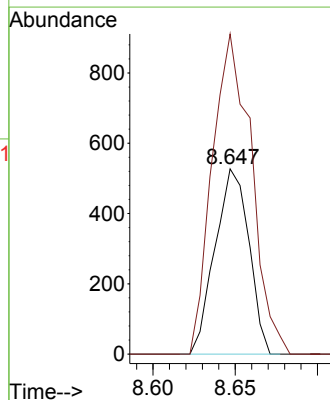
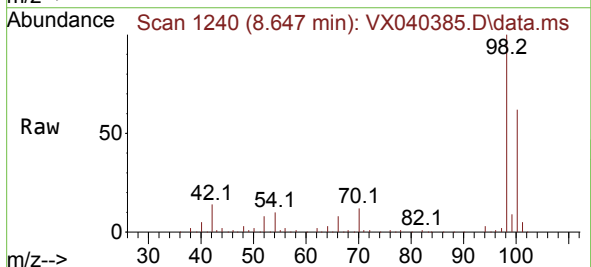
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

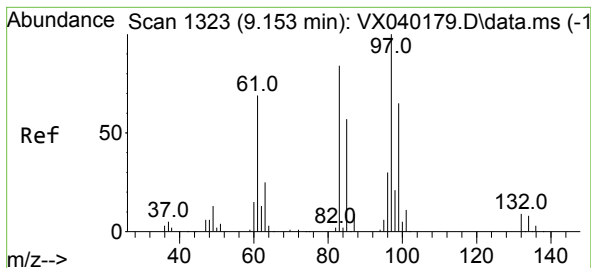
Tgt Ion: 98 Resp: 159058
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
58 199.1 30.4 45.6#





#55

1,1,2-Trichloroethane

Concen: 0.204 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040385.D

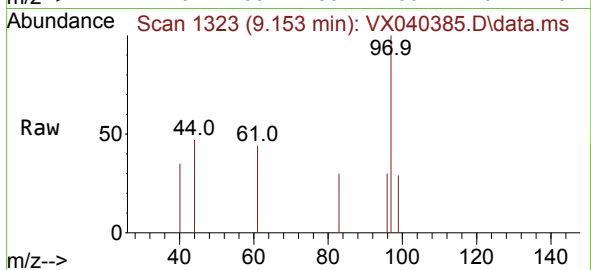
Acq: 21 Feb 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20240216



Tgt Ion: 97 Resp: 204

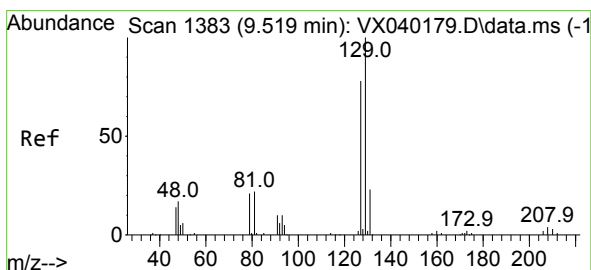
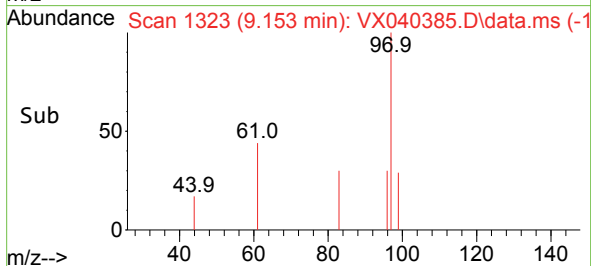
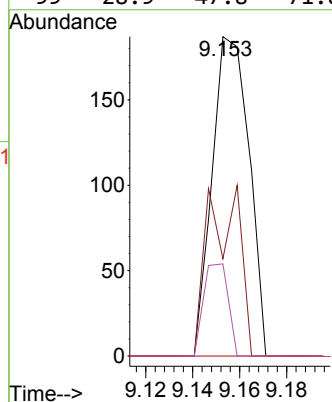
Ion Ratio Lower Upper

97 100

83 30.5 65.8 98.8#

85 0.0 41.6 62.4#

99 28.9 47.8 71.8#



#60

Dibromochloromethane

Concen: 8.724 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX040385.D

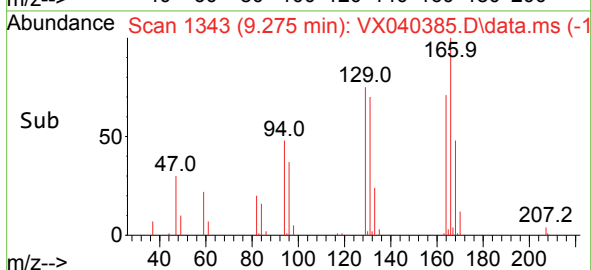
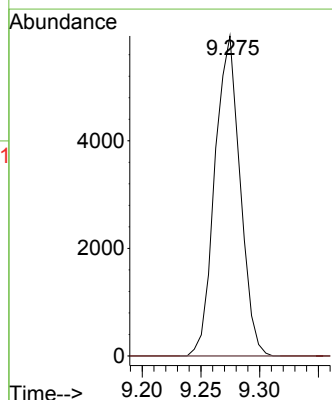
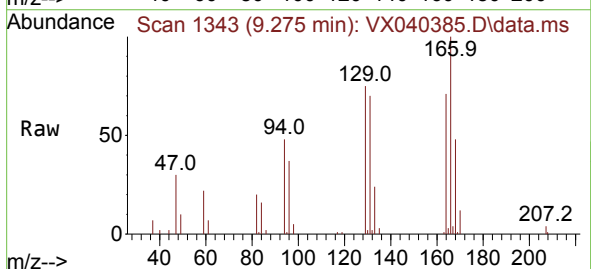
Acq: 21 Feb 2024 16:36

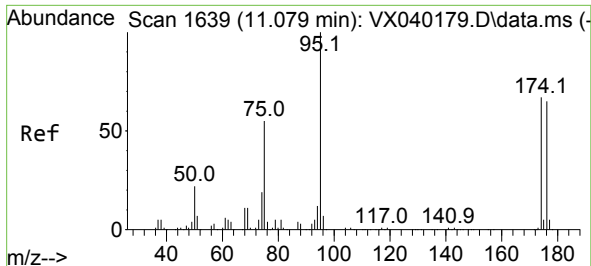
Tgt Ion: 129 Resp: 8881

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

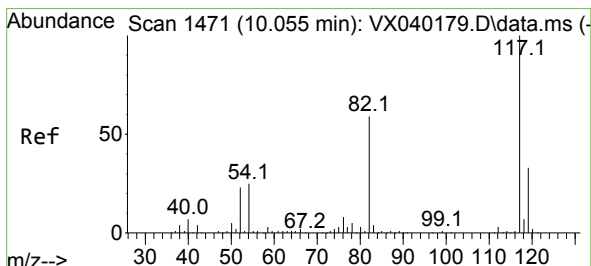
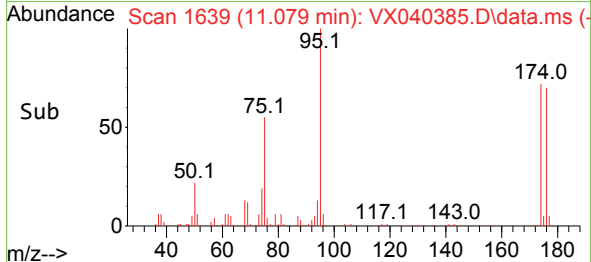
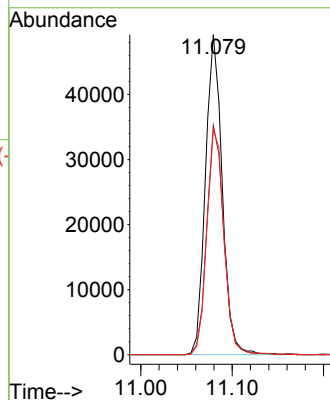
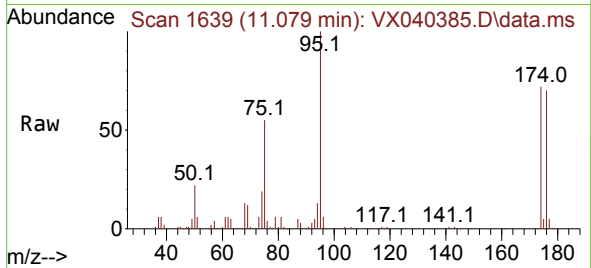




#62
4-Bromofluorobenzene
Concen: 44.886 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

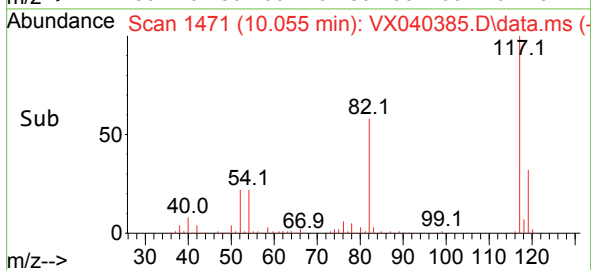
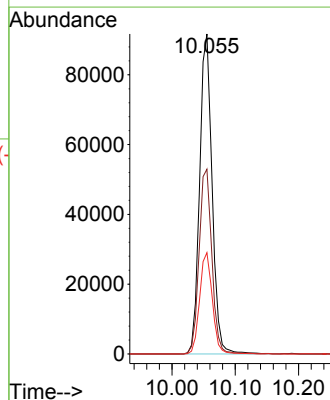
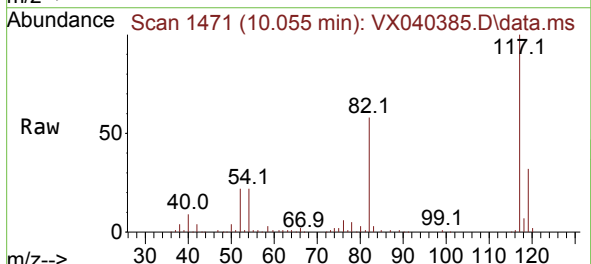
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

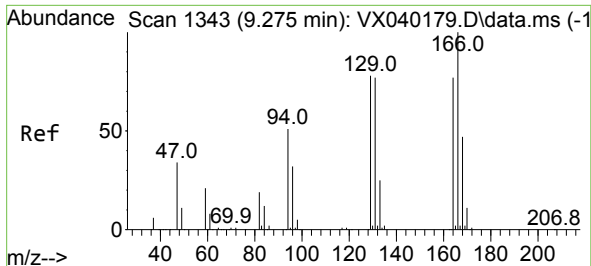
Tgt Ion: 95 Resp: 62524
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion: 117 Resp: 125902
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 31.7 25.5 38.3

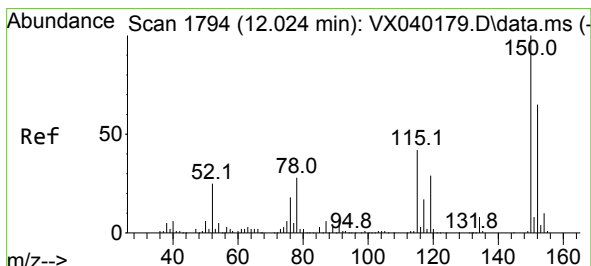
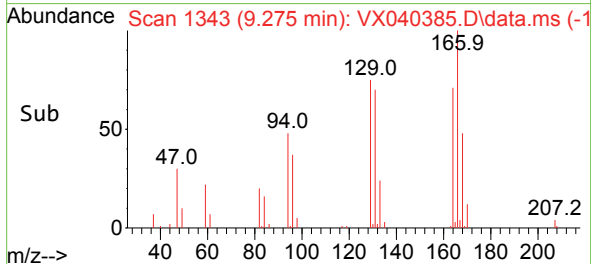
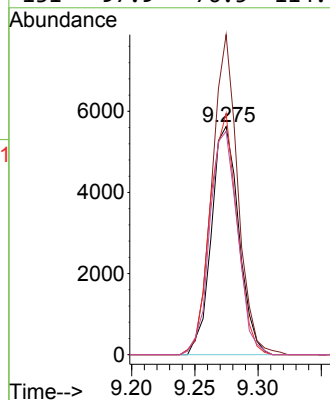
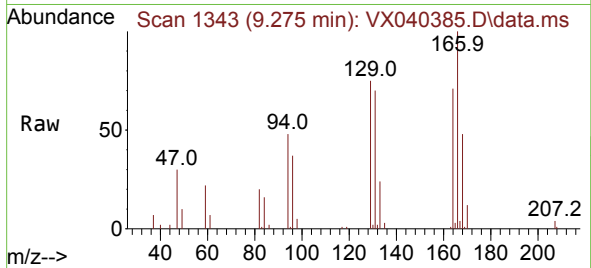




#64
Tetrachloroethene
Concen: 9.615 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

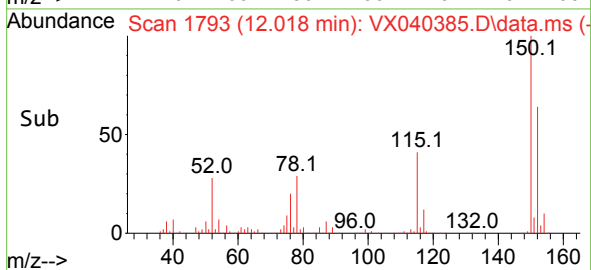
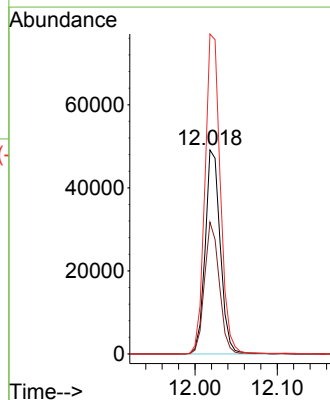
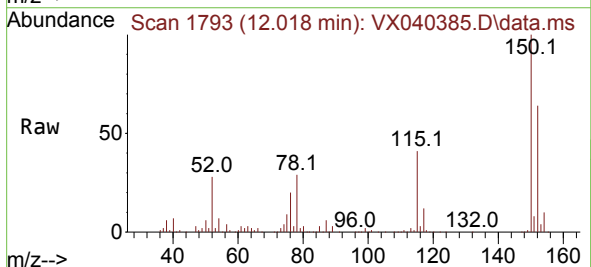
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

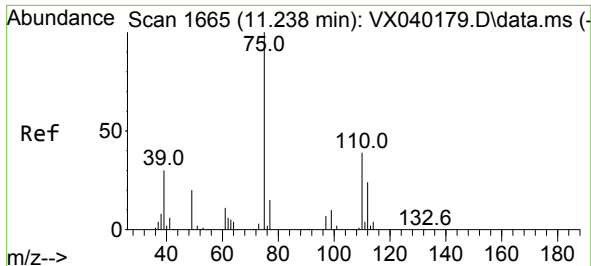
Tgt Ion:164 Resp: 8483
Ion Ratio Lower Upper
164 100
166 140.3 102.7 154.1
129 105.8 80.4 120.6
131 97.9 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion:152 Resp: 62713
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 159.6 0.0 345.0

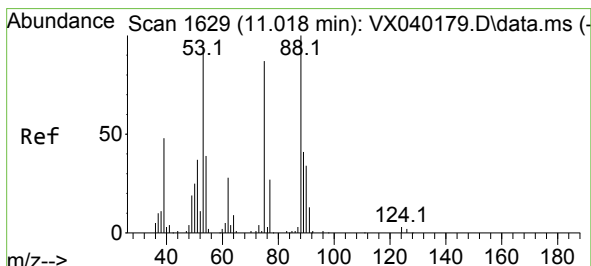
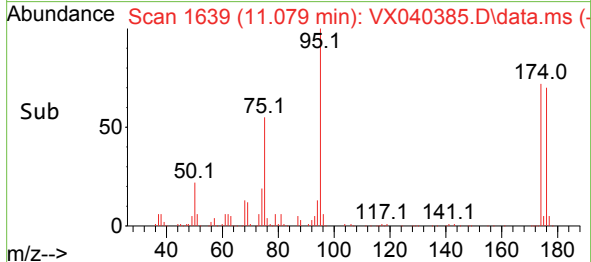
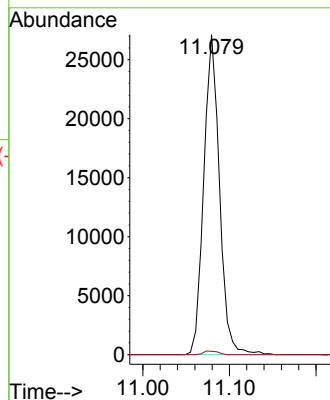
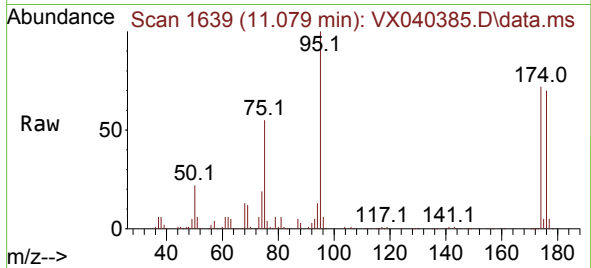




#76
1,2,3-Trichloropropane
Concen: 26.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20240216

Tgt Ion: 75 Resp: 34172
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040385.D
Acq: 21 Feb 2024 16:36

Tgt Ion: 75 Resp: 34172
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

