

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041485.D
 Acq On : 13 May 2024 12:46
 Operator : JC/MD
 Sample : P2455-01DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:30:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

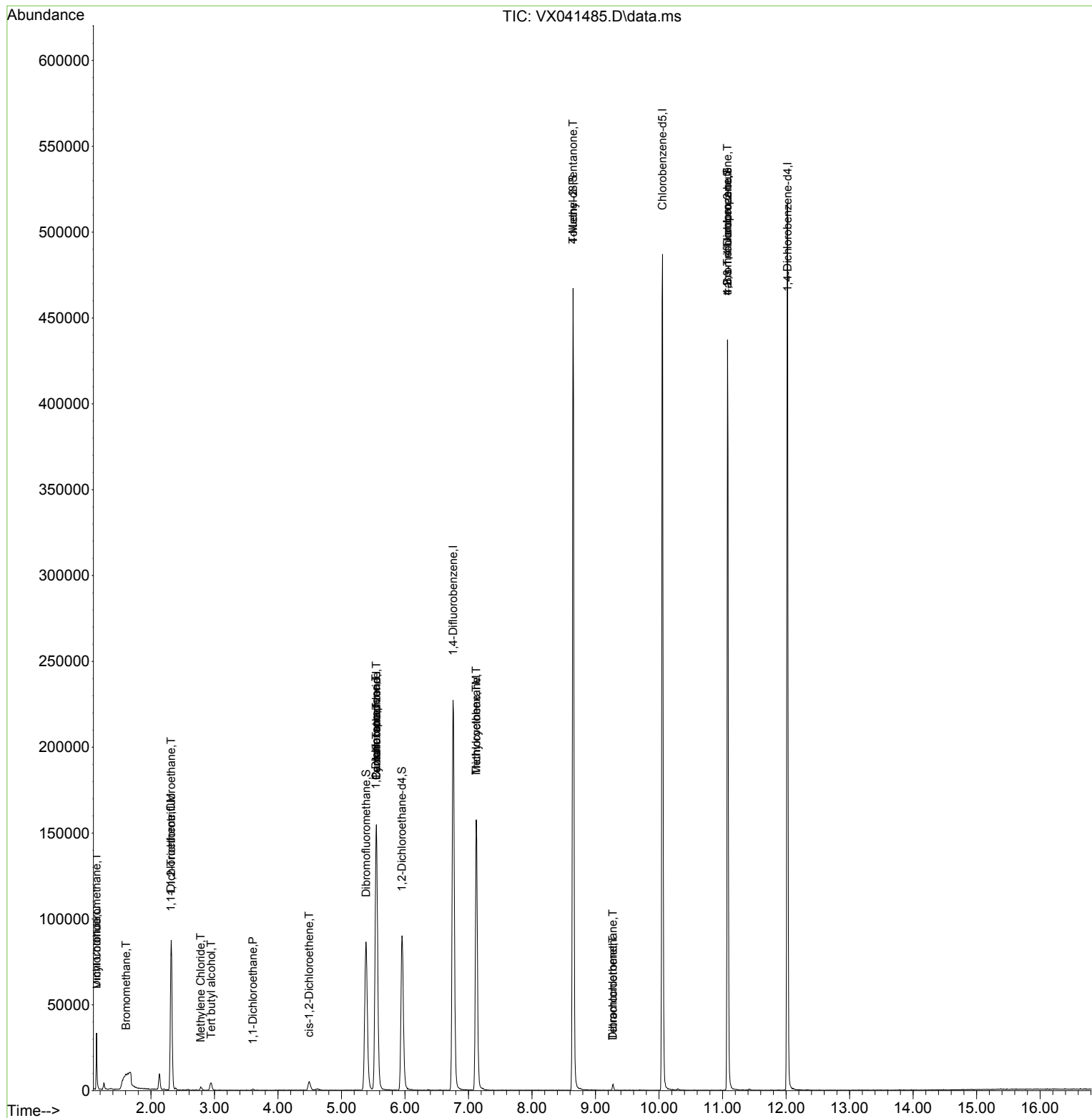
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	162685	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	243281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91062	51.417	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.840%	
35) Dibromofluoromethane	5.385	113	74270	45.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.100%	
50) Toluene-d8	8.647	98	280333	53.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.440%	
62) 4-Bromofluorobenzene	11.079	95	105625	52.291	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.142	85	2686	2.009	ug/l	98
4) Vinyl Chloride	1.142	62	352	0.267	ug/l	# 43
5) Bromomethane	1.605	94	513	0.621	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	32241	25.228	ug/l	88
11) Tert butyl alcohol	2.947	59	2859	8.065	ug/l	# 78
12) 1,1-Dichloroethene	2.313	96	1078	0.855	ug/l	# 74
16) Acetone	2.386	43	1124	Below Cal	#	77
20) Methylene Chloride	2.782	84	933	0.607	ug/l	91
24) 1,1-Dichloroethane	3.605	63	1024	0.404	ug/l	# 83
27) cis-1,2-Dichloroethene	4.489	96	3464	2.077	ug/l	81
31) Cyclohexane	5.550	56	2919	1.366	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	10399	5.275	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	14414	6.382	ug/l	# 15
39) Methylcyclohexane	7.123	83	756	0.326	ug/l	# 1
44) Trichloroethene	7.123	130	66352	41.347	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1197	0.539	ug/l	# 1
60) Dibromochloromethane	9.275	129	616	0.365	ug/l	# 11
64) Tetrachloroethene	9.275	164	751	0.448	ug/l	# 81
76) 1,2,3-Trichloropropane	11.079	75	54462	28.046	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	54462	76.394	ug/l	# 5

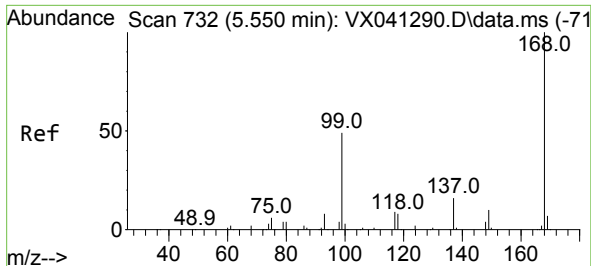
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
Data File : VX041485.D
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Sample : P2455-01DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

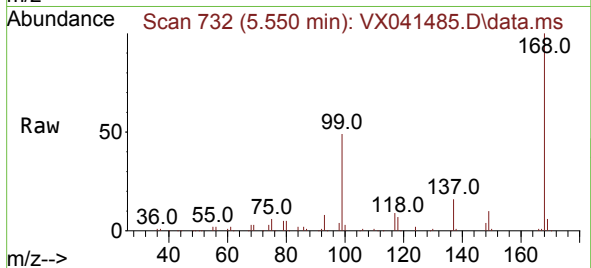
Quant Time: May 14 01:30:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



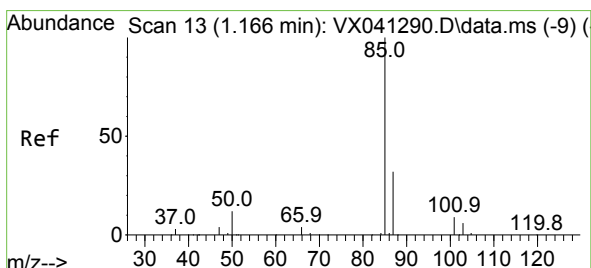
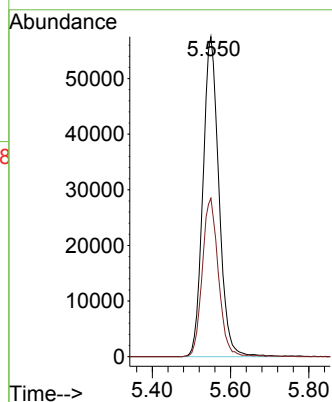
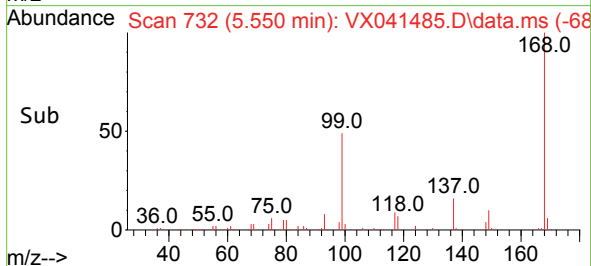


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

Instrument :
MSVOA_X
ClientSampleId :

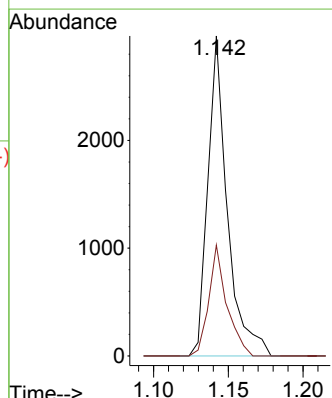
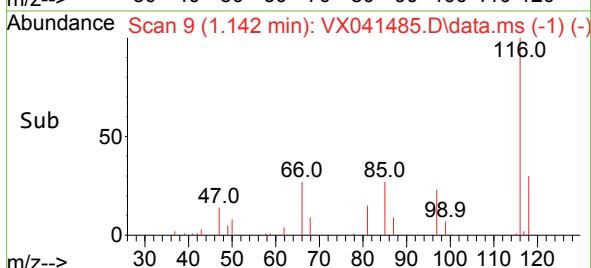
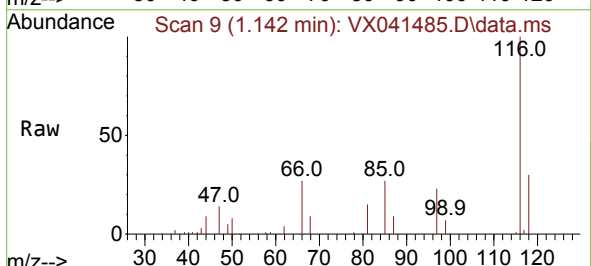


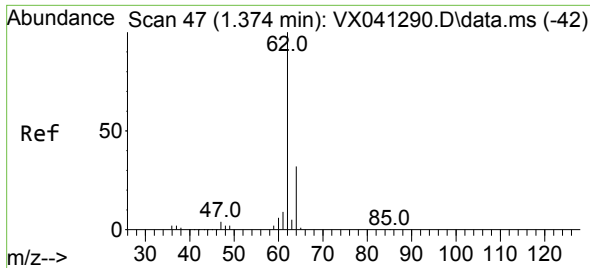
Tgt Ion:168 Resp: 162685
Ion Ratio Lower Upper
168 100
99 49.5 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 2.009 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

Tgt Ion: 85 Resp: 2686
Ion Ratio Lower Upper
85 100
87 34.7 16.7 50.1

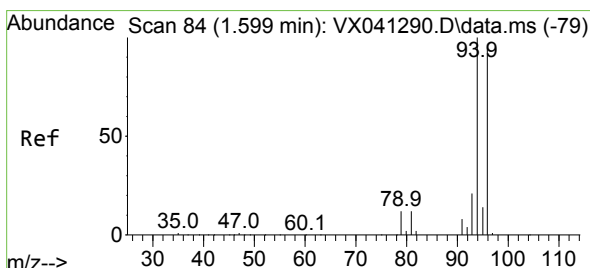
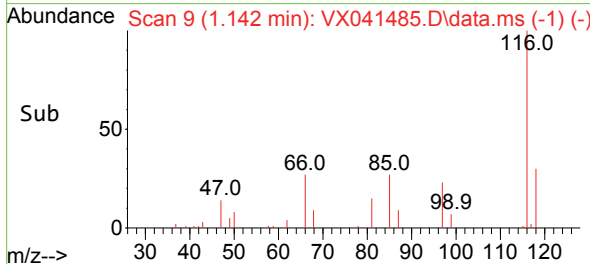
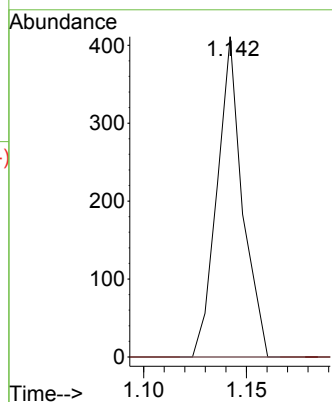
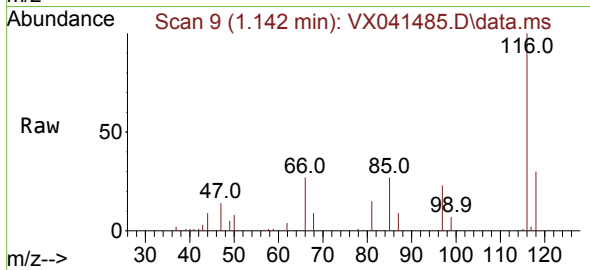




#4
 Vinyl Chloride
 Concen: 0.267 ug/l
 RT: 1.142 min Scan# 9
 Delta R.T. -0.232 min
 Lab File: VX041485.D
 Acq: 13 May 2024 12:46

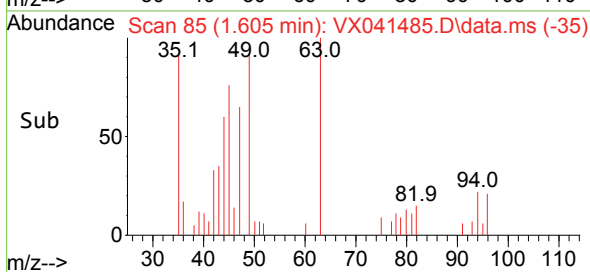
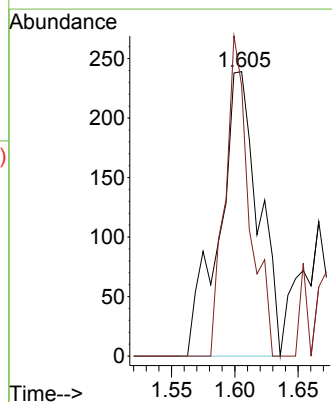
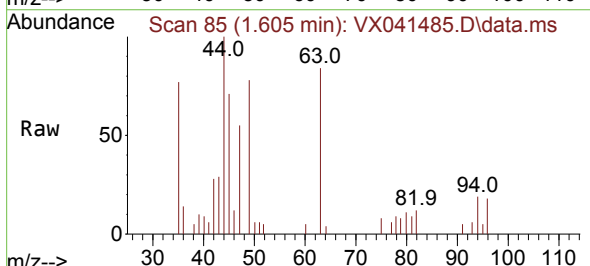
Instrument :
 MSVOA_X
 ClientSampleId :

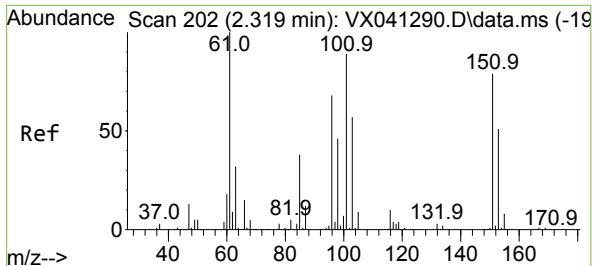
Tgt Ion: 62 Resp: 352
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 0.621 ug/l
 RT: 1.605 min Scan# 85
 Delta R.T. 0.006 min
 Lab File: VX041485.D
 Acq: 13 May 2024 12:46

Tgt Ion: 94 Resp: 513
 Ion Ratio Lower Upper
 94 100
 96 95.0 74.6 111.8

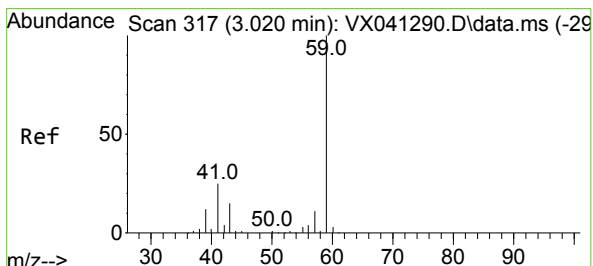
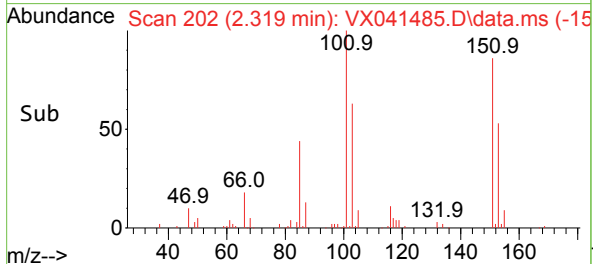
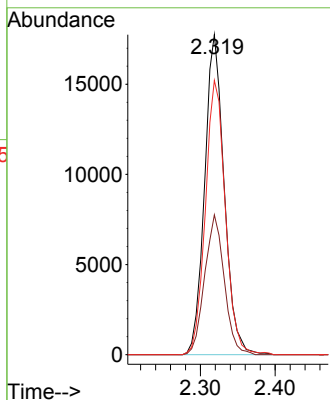
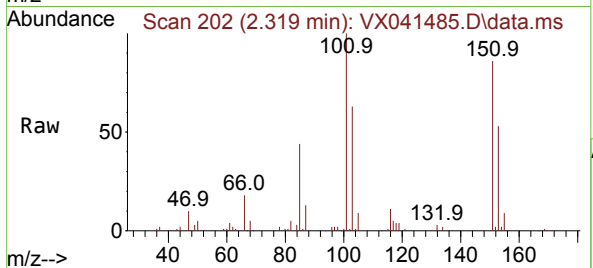




#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.228 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

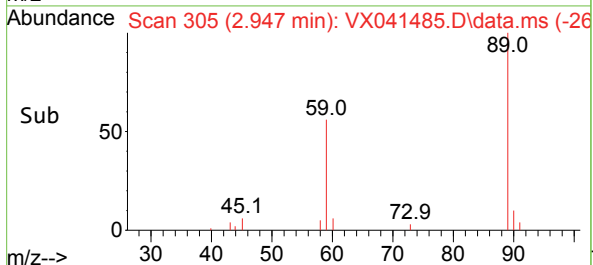
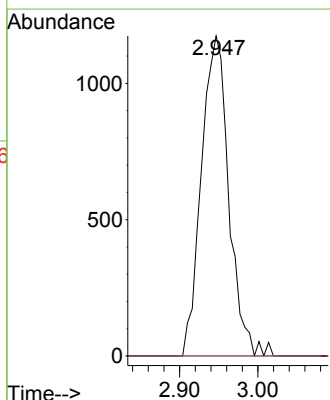
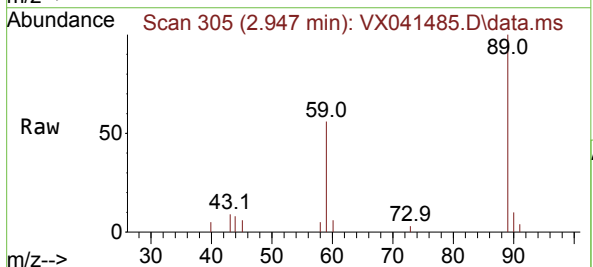
Instrument :
MSVOA_X
ClientSampleId :

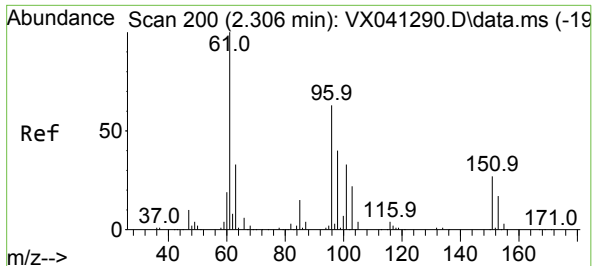
Tgt Ion:101 Resp: 32241
Ion Ratio Lower Upper
101 100
85 43.9 37.0 55.6
151 87.6 58.6 87.8



#11
Tert butyl alcohol
Concen: 8.065 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

Tgt Ion: 59 Resp: 2859
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.855 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX041485.D

Acq: 13 May 2024 12:46

Instrument :

MSVOA_X

ClientSampleId :

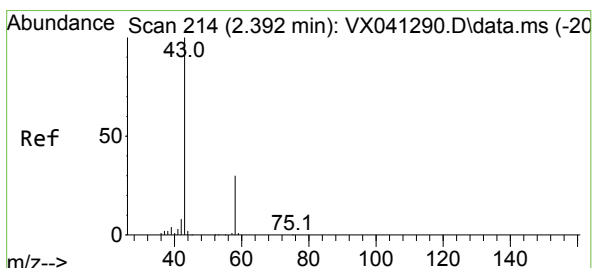
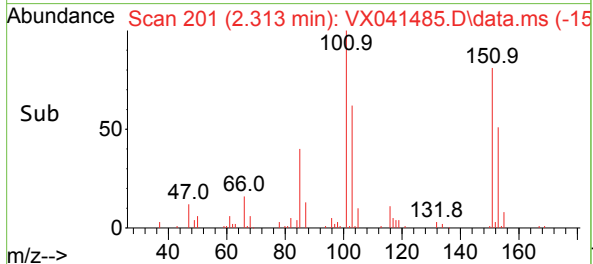
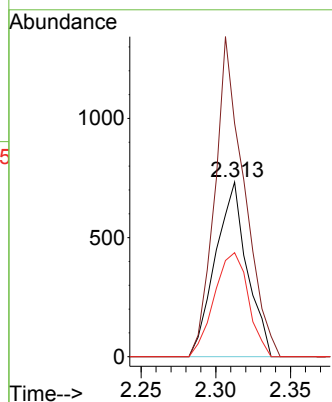
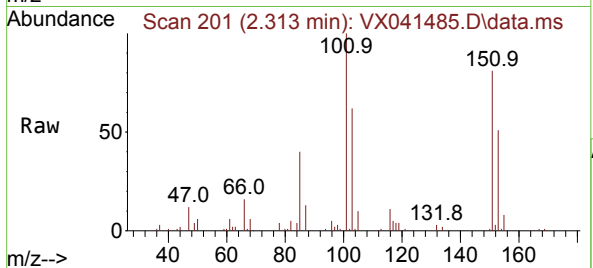
Tgt Ion: 96 Resp: 1078

Ion Ratio Lower Upper

96 100

61 133.6 144.6 216.8#

98 59.6 50.4 75.6



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041485.D

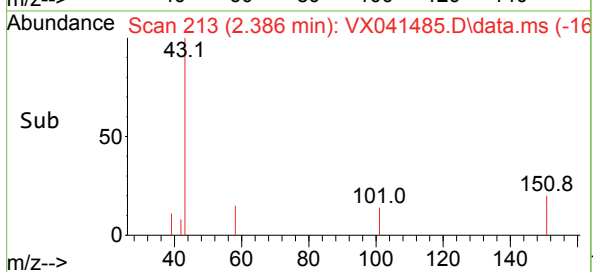
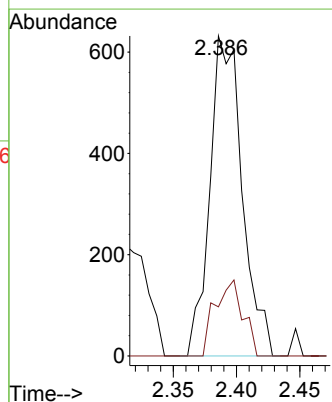
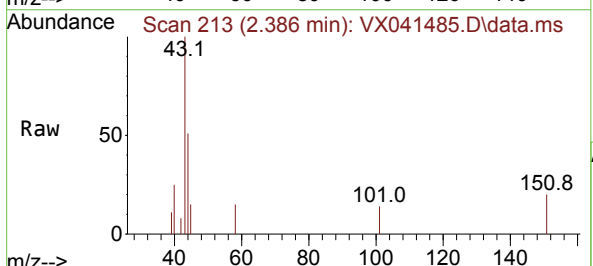
Acq: 13 May 2024 12:46

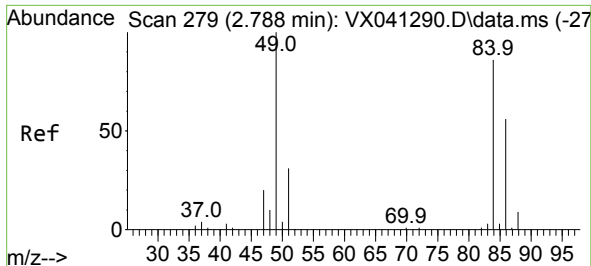
Tgt Ion: 43 Resp: 1124

Ion Ratio Lower Upper

43 100

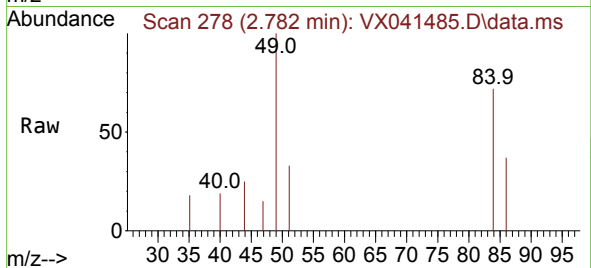
58 15.3 21.9 32.9#





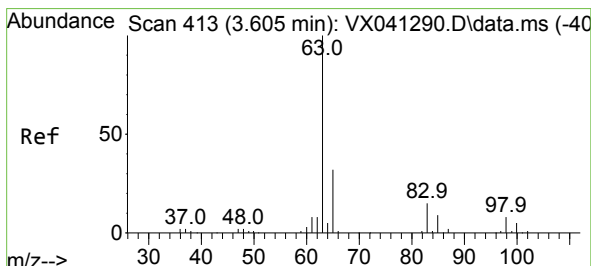
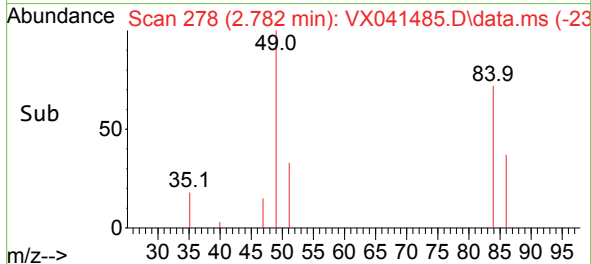
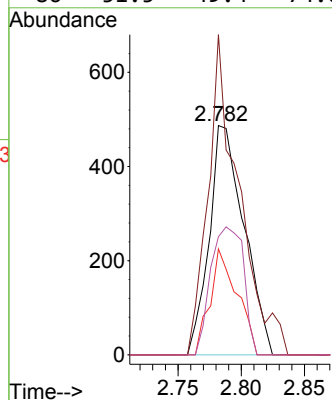
#20
Methylene Chloride
Concen: 0.607 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 933

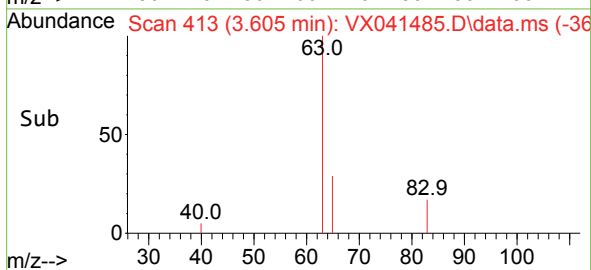
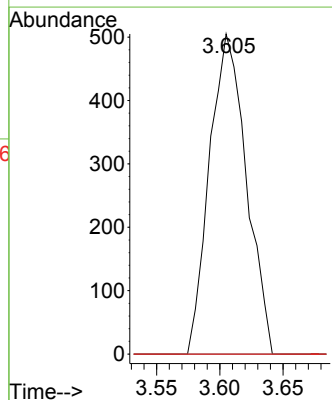
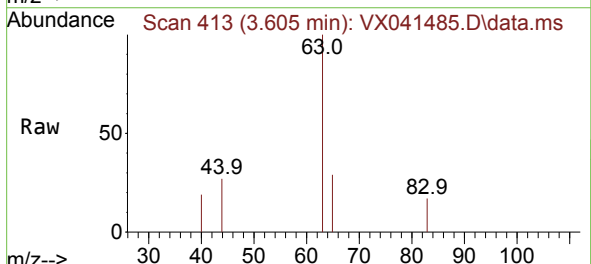
Ion	Ratio	Lower	Upper
84	100		
49	139.6	103.6	155.4
51	46.2	33.8	50.6
86	51.5	49.4	74.0

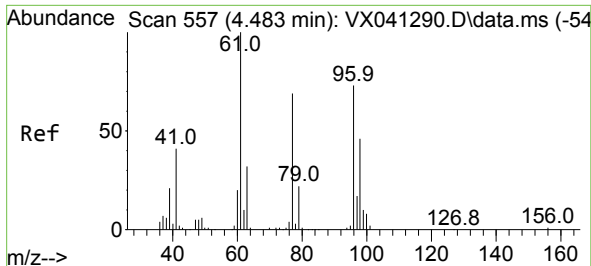


#24
1,1-Dichloroethane
Concen: 0.404 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

Tgt Ion: 63 Resp: 1024

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: 2.077 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

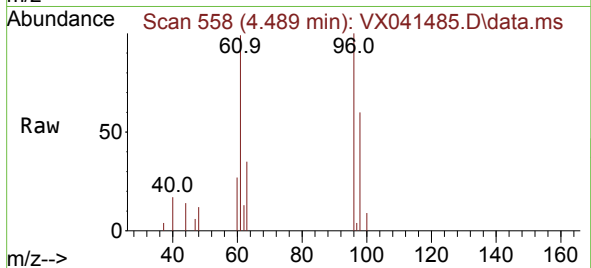
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Acq: 13 May 2024 12:46

Instrument :

MSVOA_X

ClientSampleId :



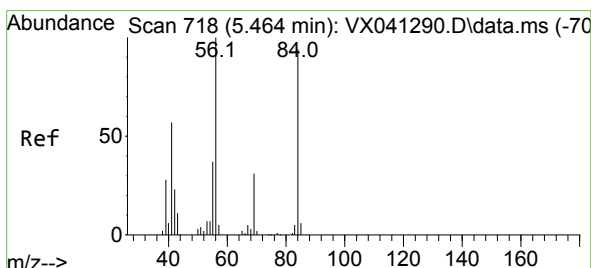
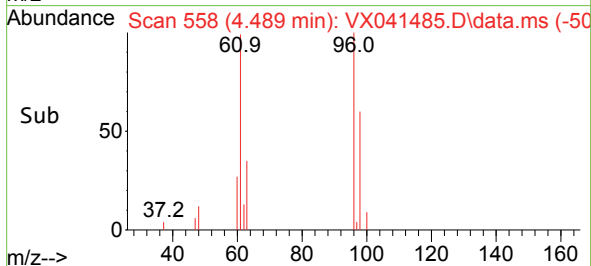
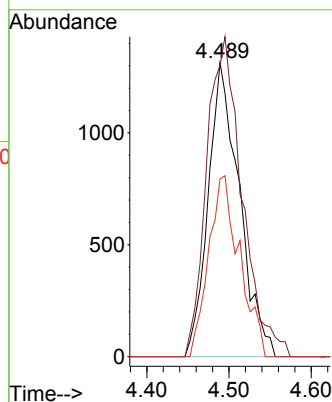
Tgt Ion: 96 Resp: 3464

Ion Ratio Lower Upper

96 100

61 123.4 0.0 312.2

98 61.3 0.0 129.0



#31

Cyclohexane

Concen: 1.366 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX041485.D

Acq: 13 May 2024 12:46

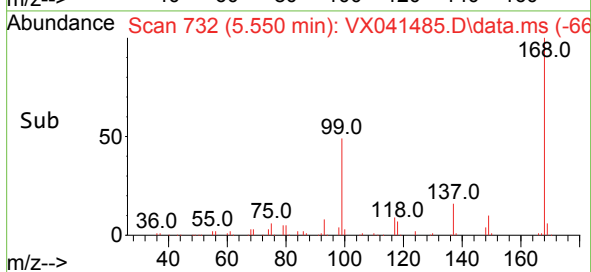
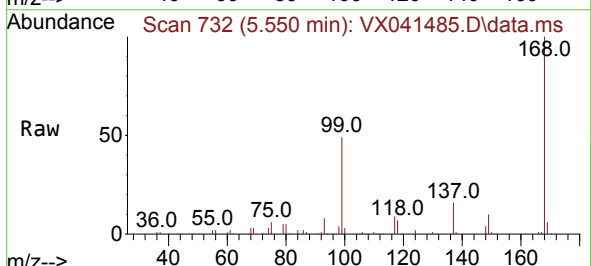
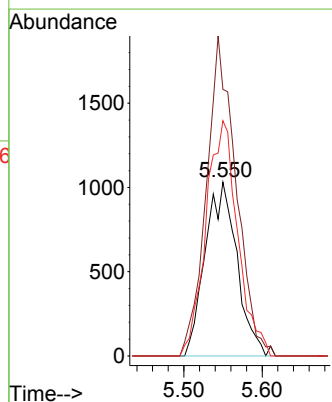
Tgt Ion: 56 Resp: 2919

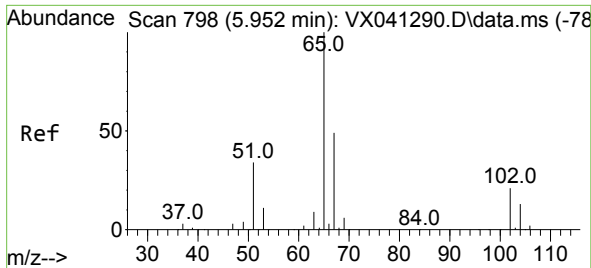
Ion Ratio Lower Upper

56 100

69 153.4 23.4 35.2#

84 135.4 65.9 98.9#

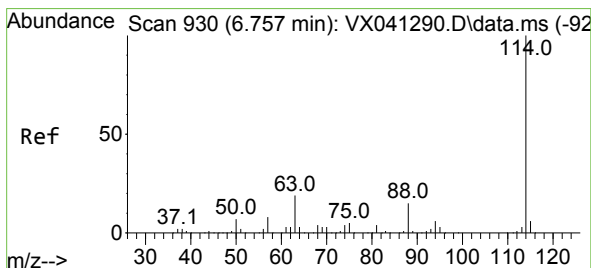
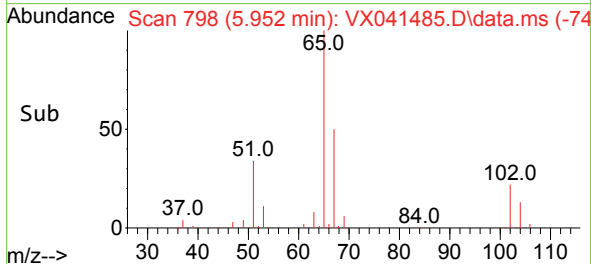
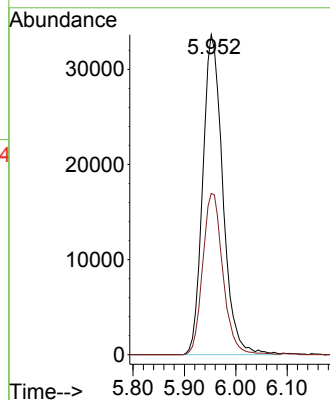
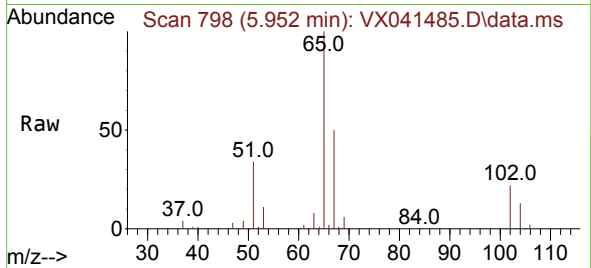




#33
 1,2-Dichloroethane-d4
 Concen: 51.417 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041485.D
 Acq: 13 May 2024 12:46

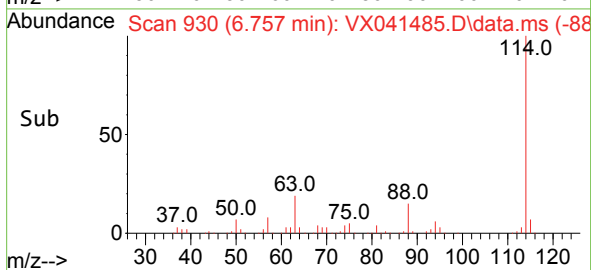
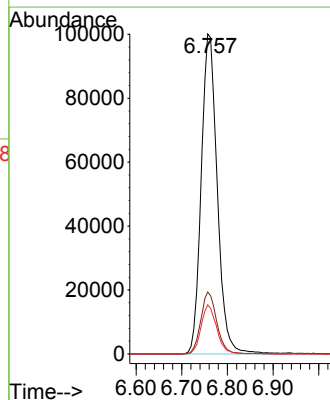
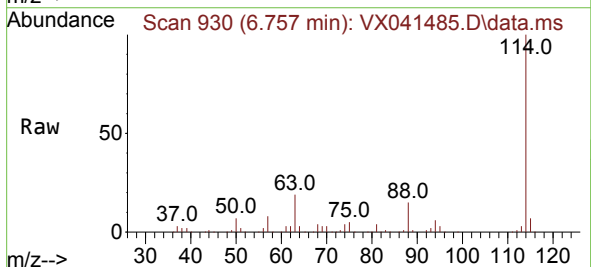
Instrument :
 MSVOA_X
 ClientSampleId :

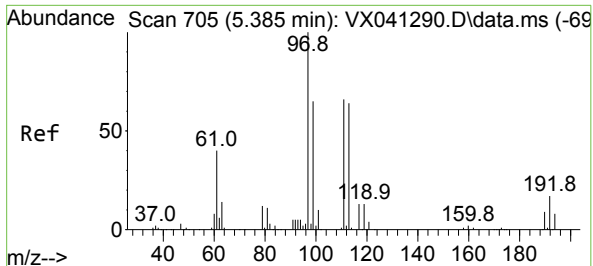
Tgt Ion: 65 Resp: 91062
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX041485.D
 Acq: 13 May 2024 12:46

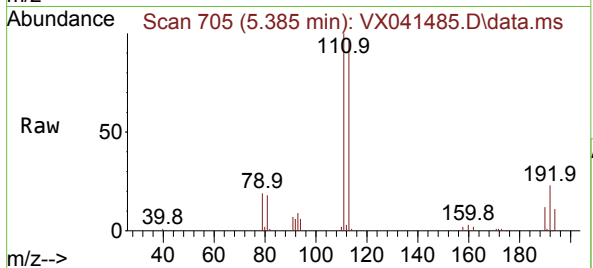
Tgt Ion: 114 Resp: 243281
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 45.0
 88 15.4 0.0 36.6



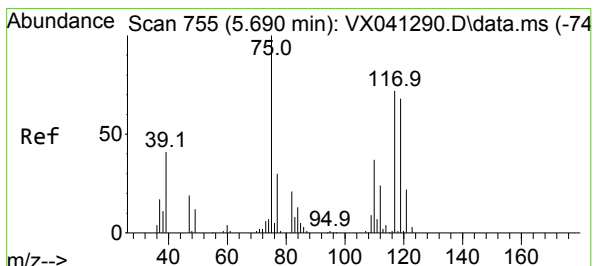
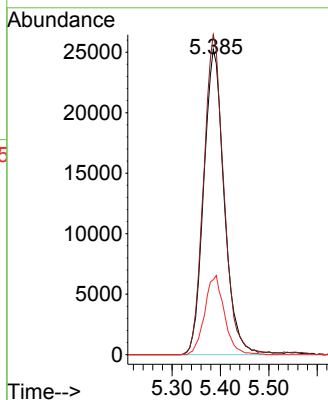
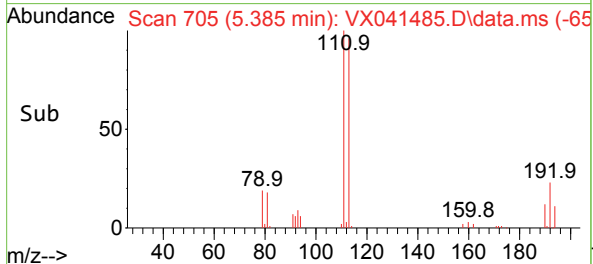


#35
Dibromofluoromethane
Concen: 45.049 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

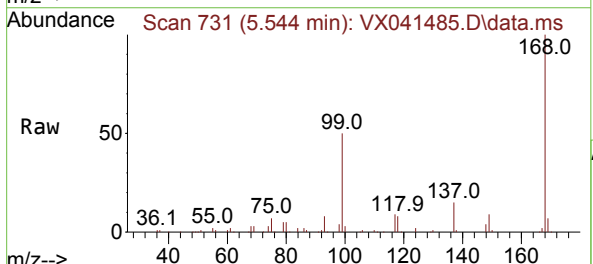
Instrument :
MSVOA_X
ClientSampleId :



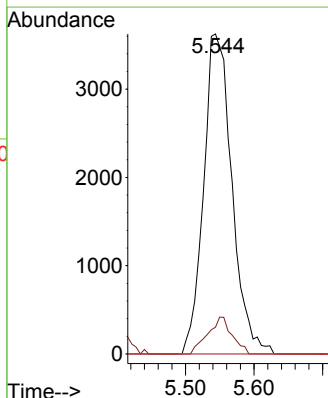
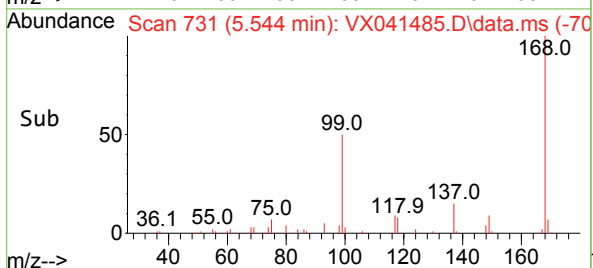
Tgt Ion:113 Resp: 74270
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 25.0 13.3 19.9#

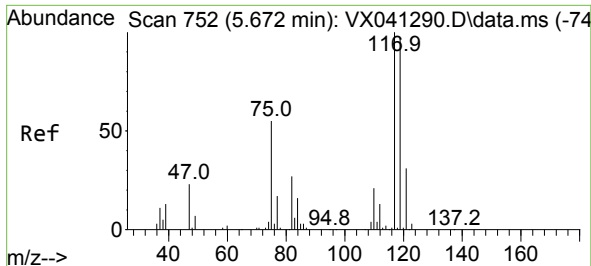


#36
1,1-Dichloropropene
Concen: 5.275 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46



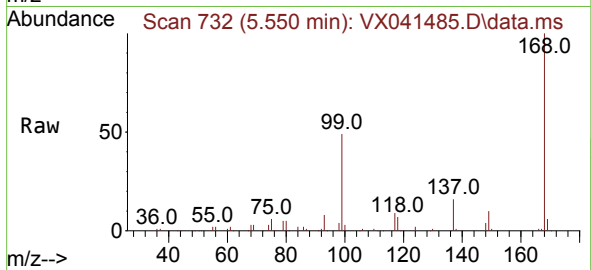
Tgt Ion: 75 Resp: 10399
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



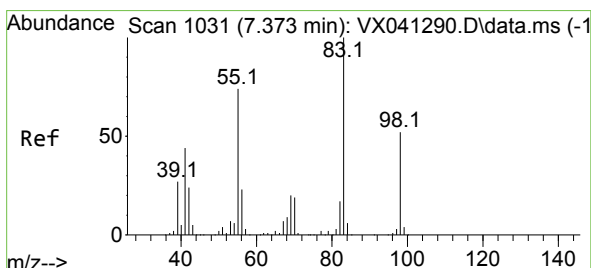
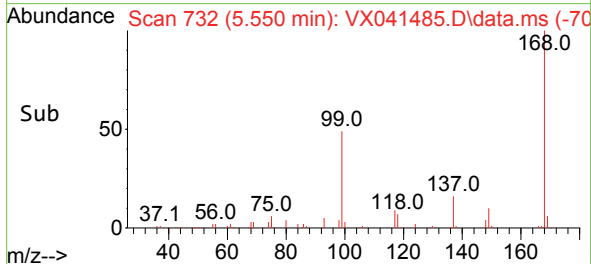
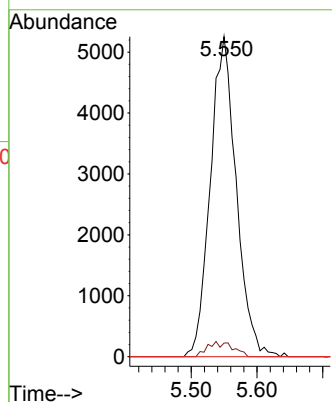


#38
Carbon Tetrachloride
Concen: 6.382 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

Instrument :
MSVOA_X
ClientSampleId :

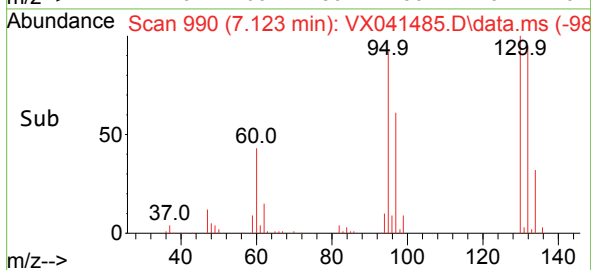
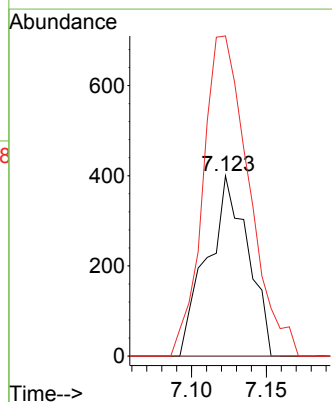
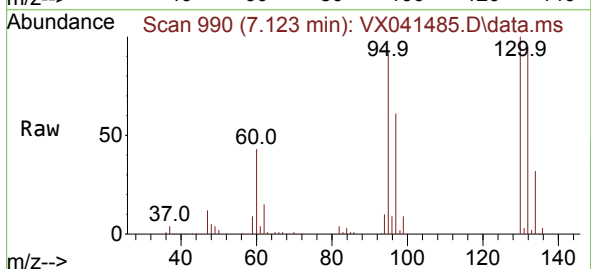


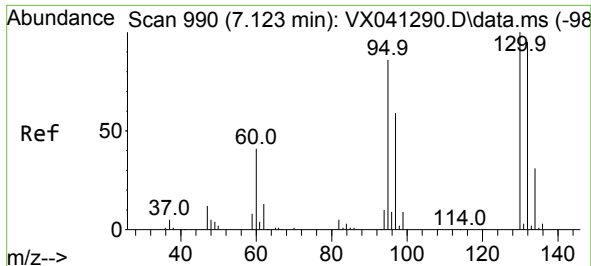
Tgt Ion:117 Resp: 14414
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.326 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

Tgt Ion: 83 Resp: 756
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 162.5 36.7 55.1#

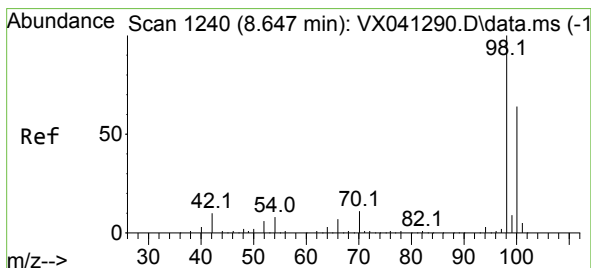
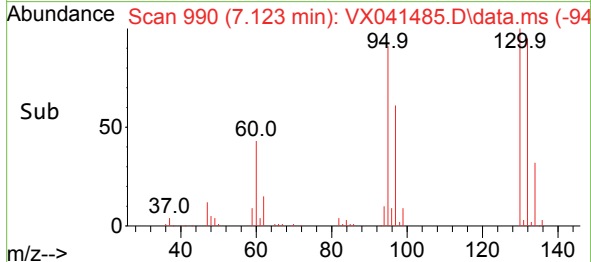
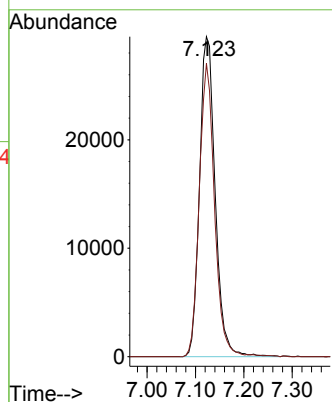
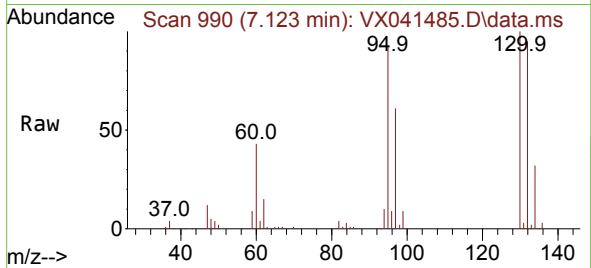




#44
Trichloroethene
Concen: 41.347 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

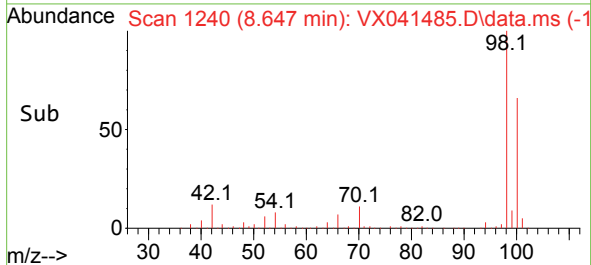
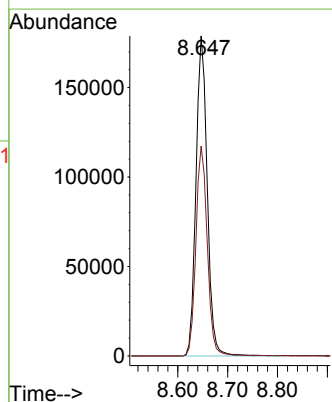
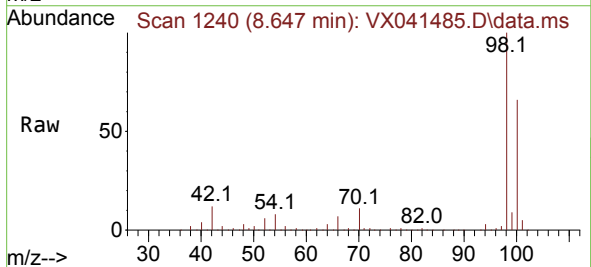
Instrument :
MSVOA_X
ClientSampleId :

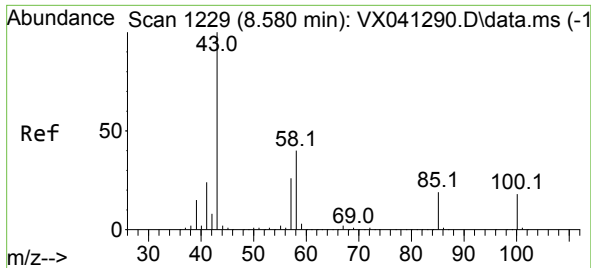
Tgt Ion:130 Resp: 66352
Ion Ratio Lower Upper
130 100
95 91.7 0.0 204.4



#50
Toluene-d8
Concen: 53.723 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

Tgt Ion: 98 Resp: 280333
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

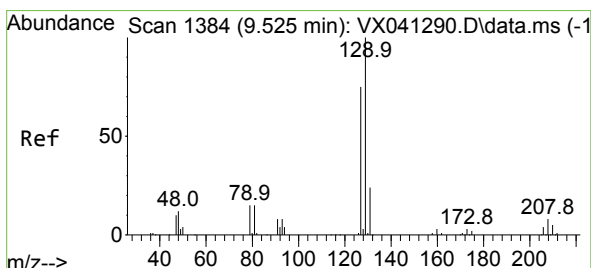
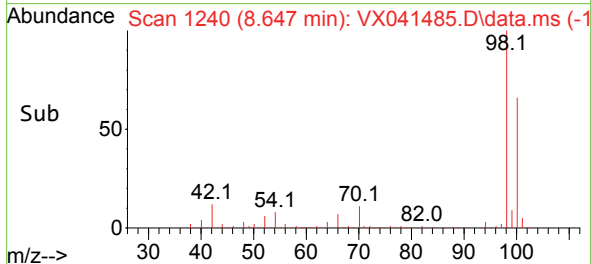
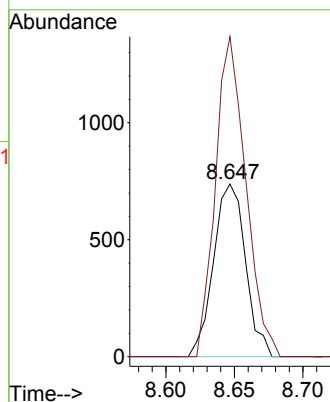
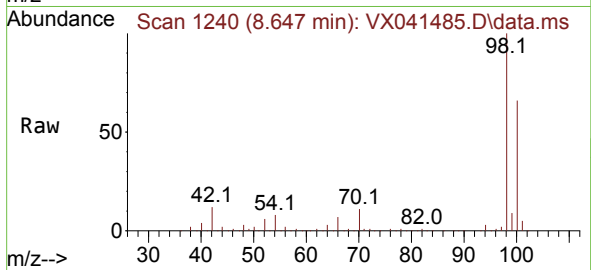




#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.647 min Scan# 1197
Delta R.T. 0.067 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

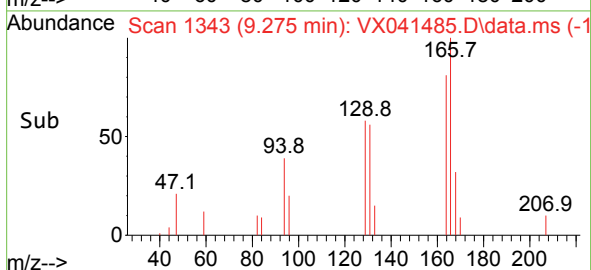
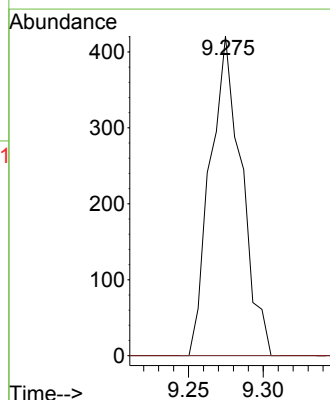
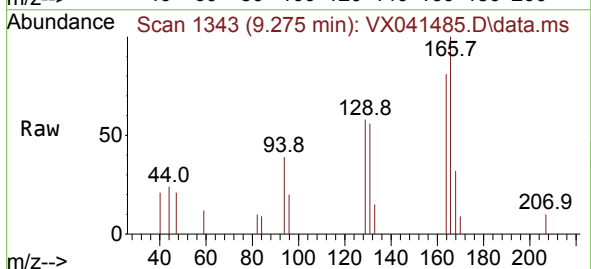
Instrument :
MSVOA_X
ClientSampleId :

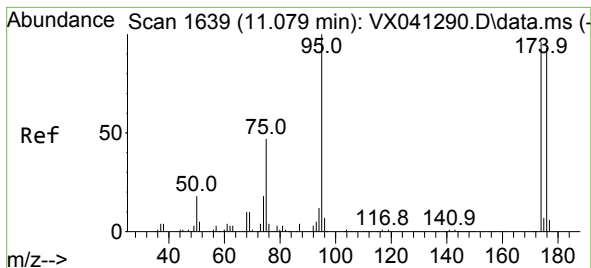
Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
58 176.4 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.365 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

Tgt Ion: 129 Resp: 616
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

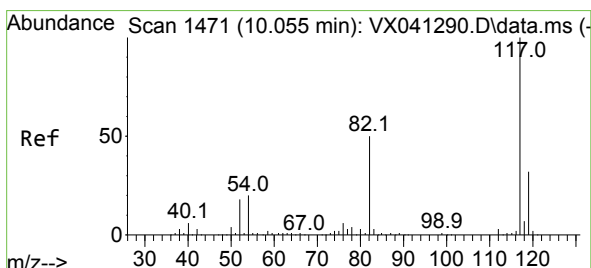
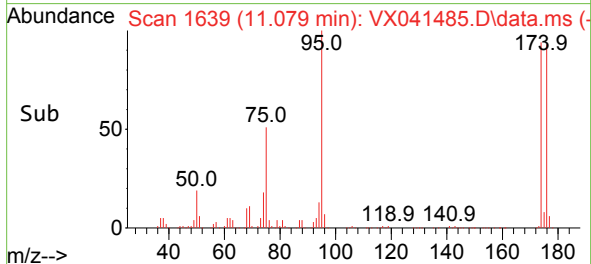
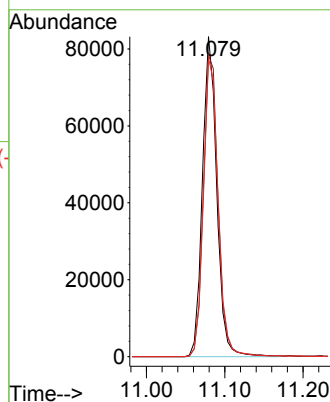
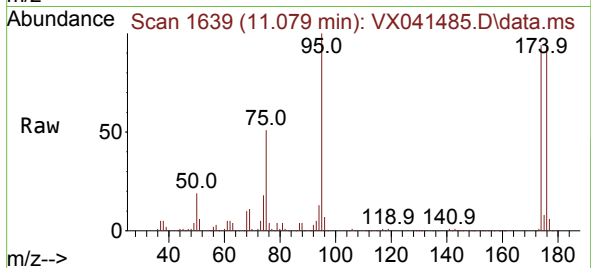




#62
4-Bromofluorobenzene
Concen: 52.291 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

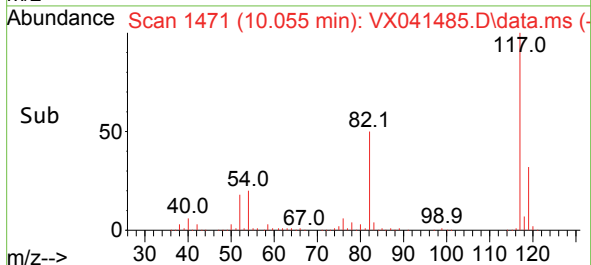
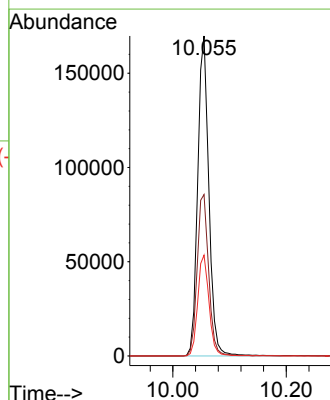
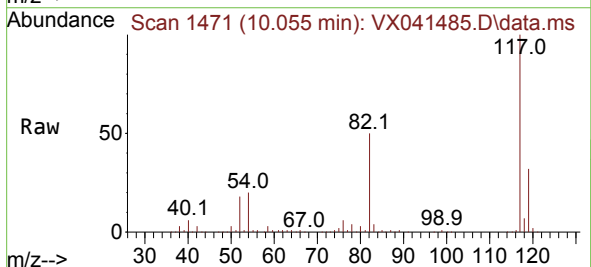
Instrument :
MSVOA_X
ClientSampleId :

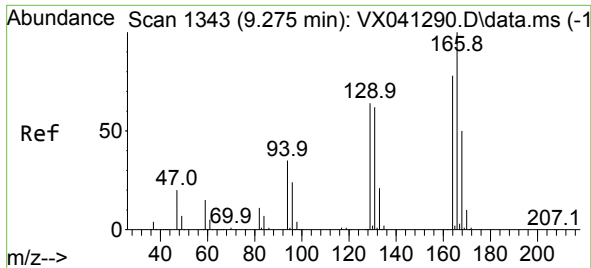
Tgt Ion: 95 Resp: 105625
Ion Ratio Lower Upper
95 100
174 97.6 0.0 135.6
176 95.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

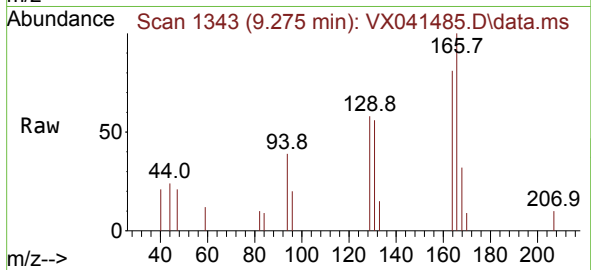
Tgt Ion: 117 Resp: 231281
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 31.5 25.5 38.3



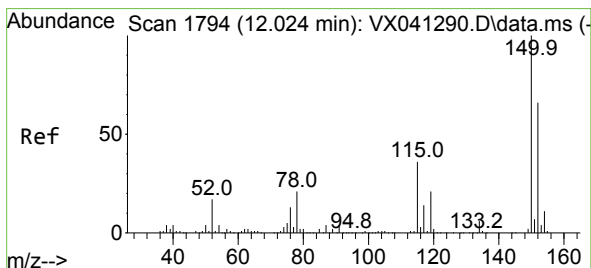
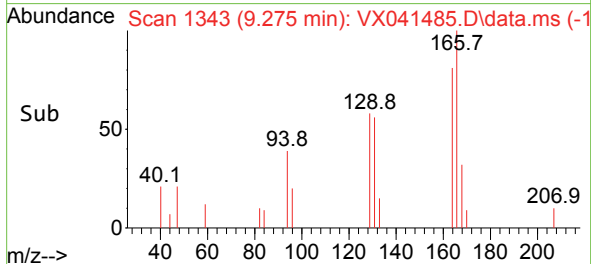
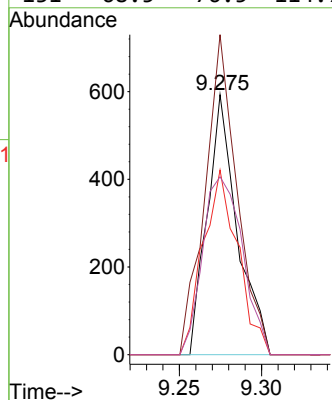


#64
Tetrachloroethene
Concen: 0.448 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

Instrument :
MSVOA_X
ClientSampleId :

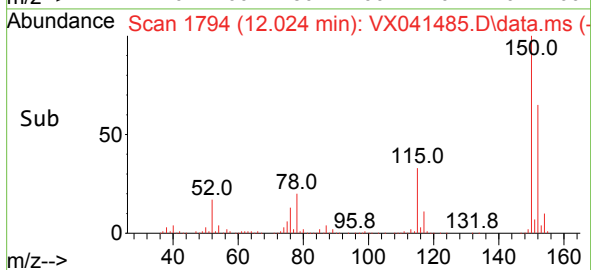
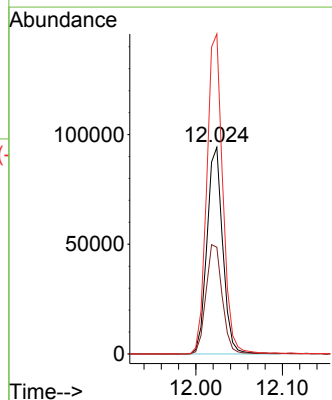
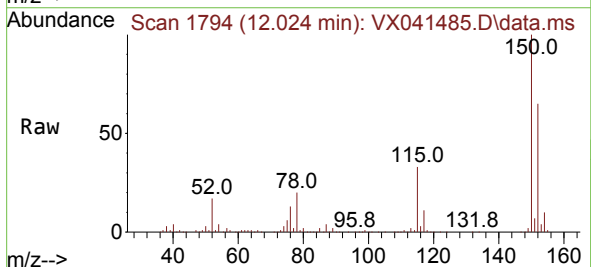


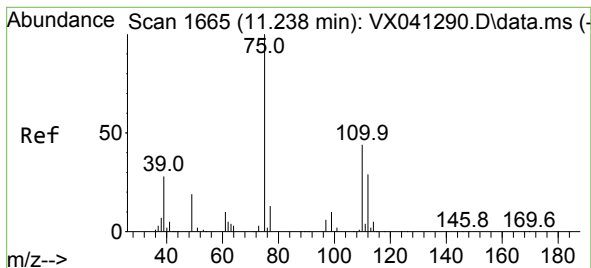
Tgt Ion:164 Resp: 751
Ion Ratio Lower Upper
164 100
166 123.1 102.7 154.1
129 71.0 80.4 120.6#
131 68.5 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041485.D
Acq: 13 May 2024 12:46

Tgt Ion:152 Resp: 119156
Ion Ratio Lower Upper
152 100
115 54.8 43.3 129.9
150 157.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.046 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX041485.D

Acq: 13 May 2024 12:46

Instrument :

MSVOA_X

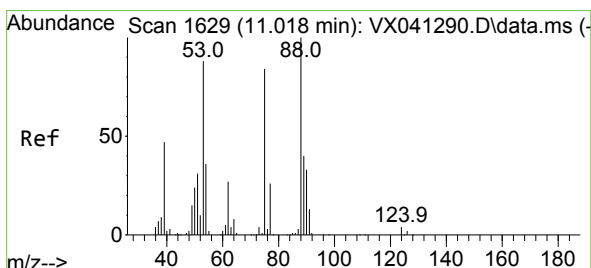
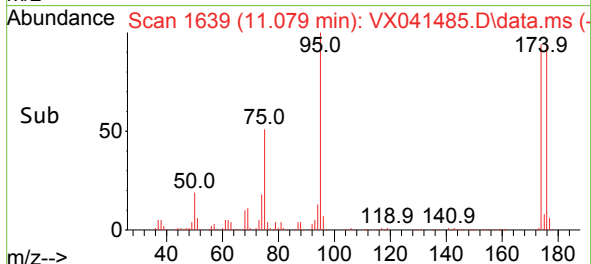
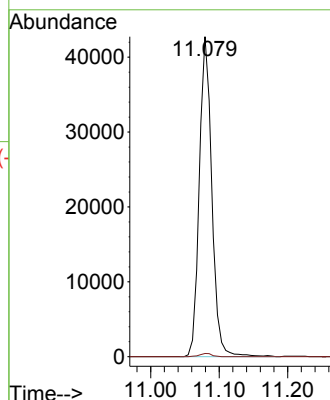
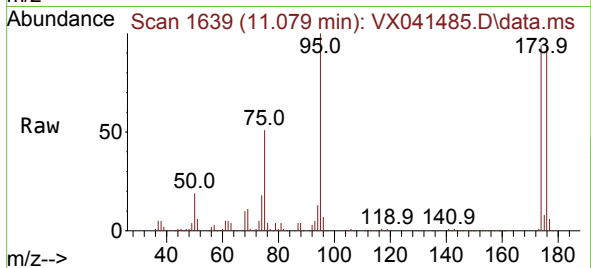
ClientSampleId :

Tgt Ion: 75 Resp: 54462

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.394 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041485.D

Acq: 13 May 2024 12:46

Tgt Ion: 75 Resp: 54462

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

