

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041305.D
 Acq On : 30 Apr 2024 17:26
 Operator : JC/MD
 Sample : P2248-01DL 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 02:48:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

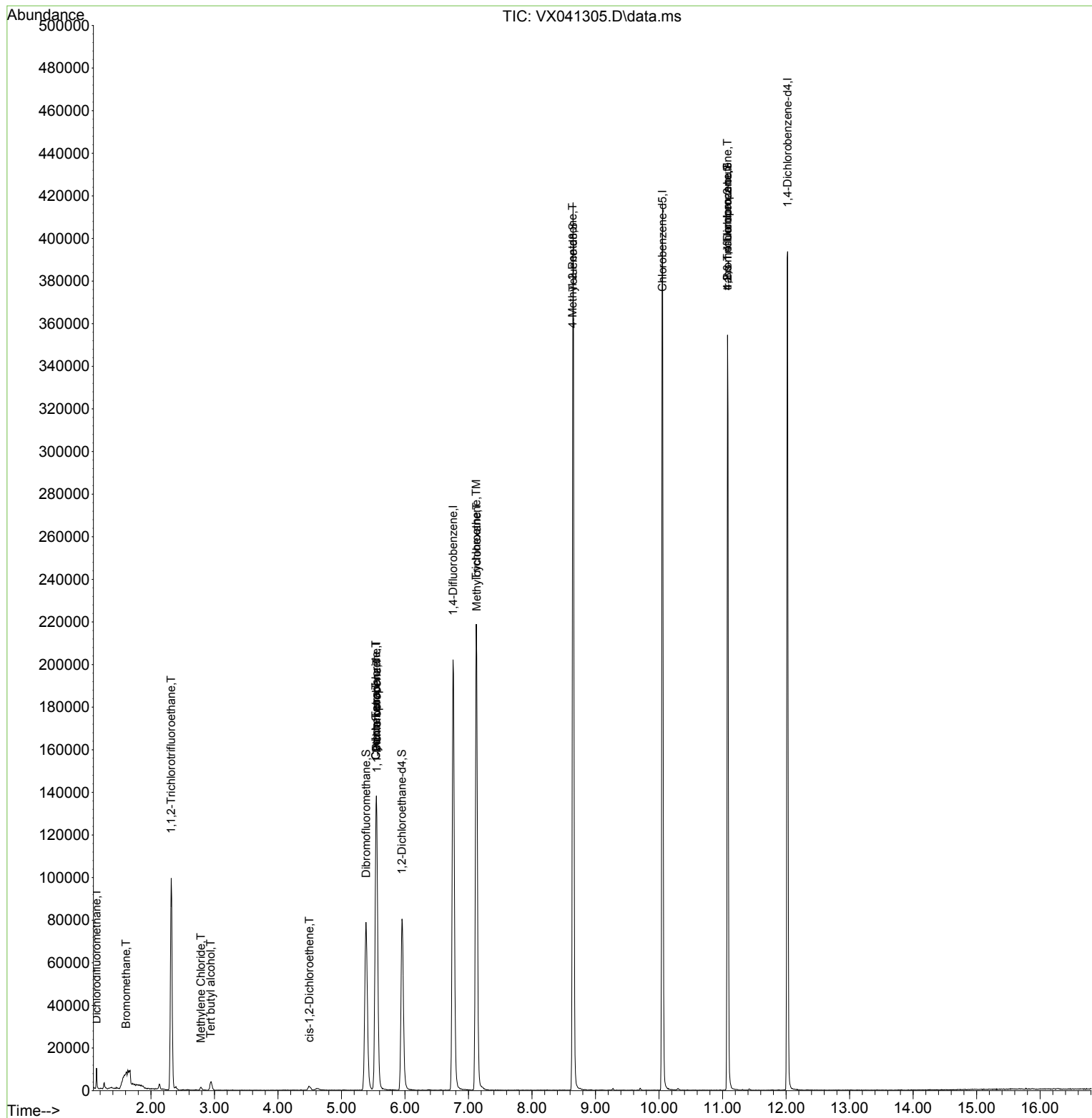
Internal Standards						
1) Pentafluorobenzene	5.550	168	147262	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	217027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79344	49.492	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.980%
35) Dibromofluoromethane	5.385	113	66760	45.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.780%
50) Toluene-d8	8.647	98	247308	53.128	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.260%
62) 4-Bromofluorobenzene	11.079	95	86971	48.264	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.142	85	752	0.621	ug/l	87
5) Bromomethane	1.605	94	255	0.341	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	37717	32.604	ug/l	87
11) Tert butyl alcohol	2.940	59	2494	7.773	ug/l #	78
16) Acetone	2.392	43	1516	Below Cal	#	54
20) Methylene Chloride	2.788	84	754	0.542	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	1385	0.917	ug/l	86
31) Cyclohexane	5.544	56	2606	1.347	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	9400	5.345	ug/l #	46
38) Carbon Tetrachloride	5.544	117	13110	6.507	ug/l #	15
39) Methylcyclohexane	7.129	83	1008	0.488	ug/l #	1
44) Trichloroethene	7.123	130	90234	63.031	ug/l	89
51) 4-Methyl-2-Pentanone	8.641	43	1179	0.596	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44153	29.705	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	44153	80.913	ug/l #	5

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

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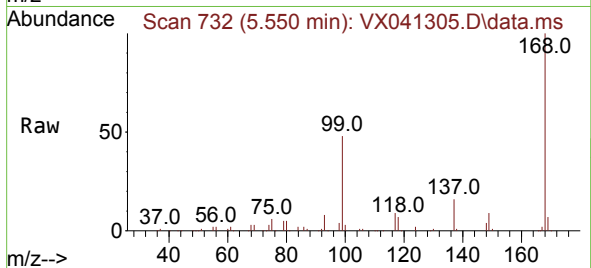
Quant Time: May 01 02:48:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
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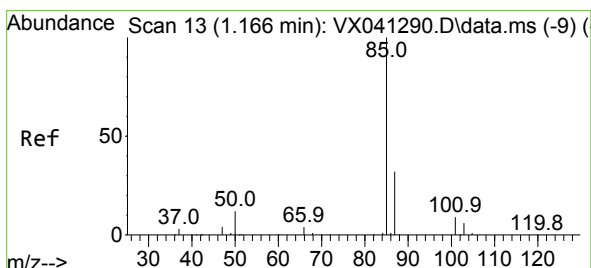
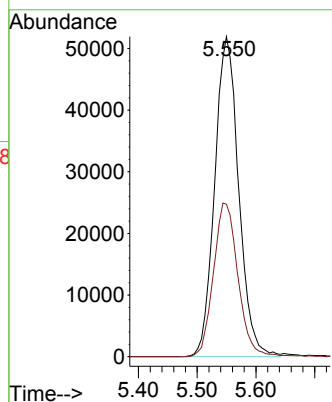
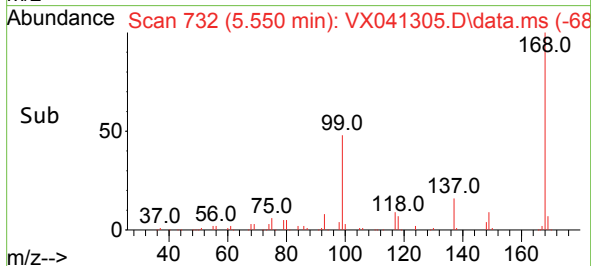


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

Instrument :
MSVOA_X
ClientSampleId :

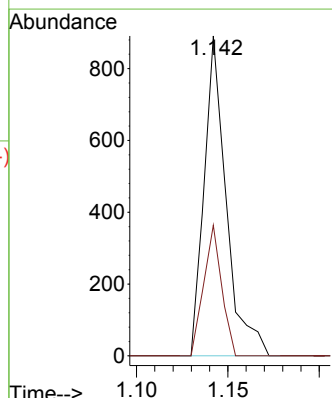
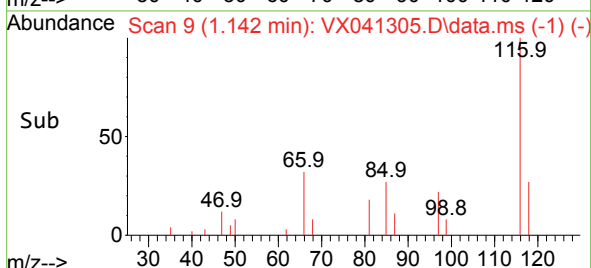
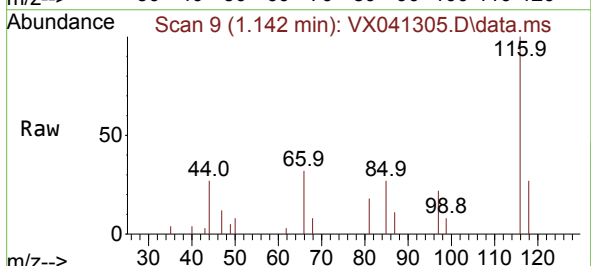


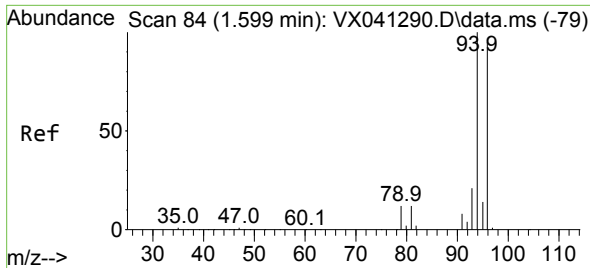
Tgt Ion:168 Resp: 147262
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.621 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

Tgt Ion: 85 Resp: 752
Ion Ratio Lower Upper
85 100
87 40.9 16.7 50.1

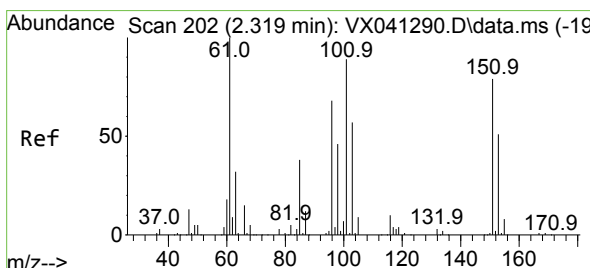
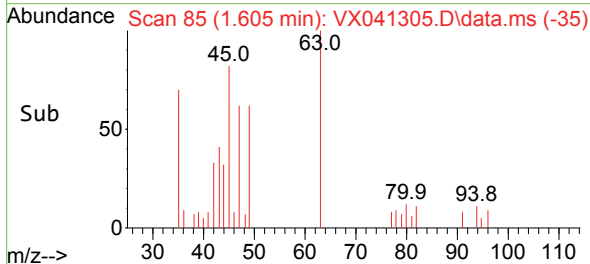
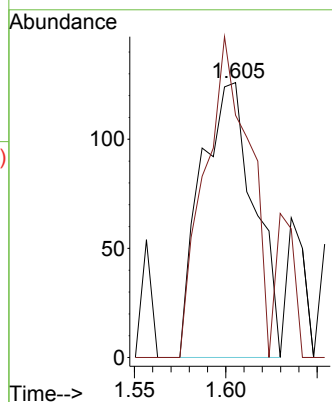
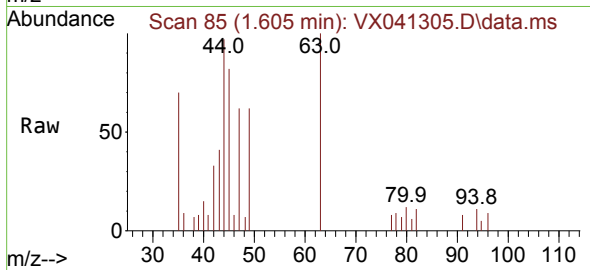




#5
Bromomethane
Concen: 0.341 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

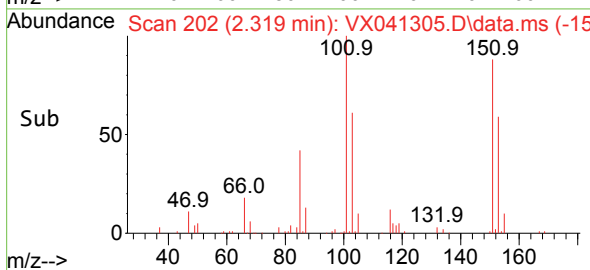
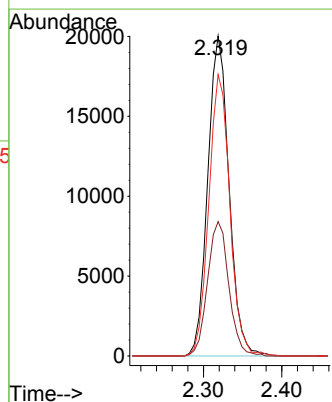
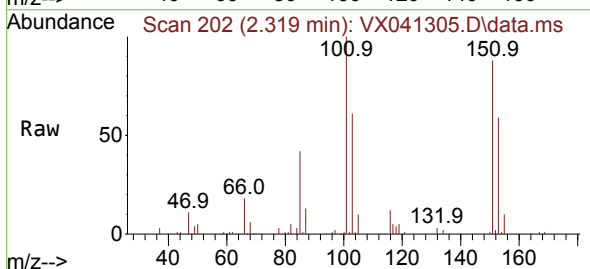
Instrument :
MSVOA_X
ClientSampleId :

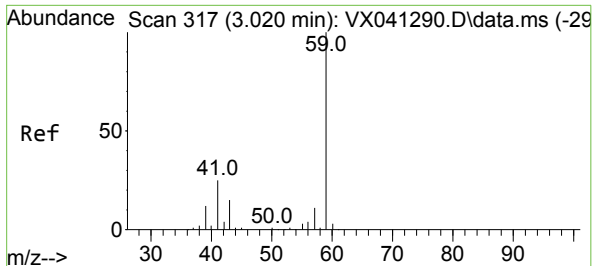
Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 88.1 74.6 111.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 32.604 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

Tgt Ion: 101 Resp: 37717
Ion Ratio Lower Upper
101 100
85 42.1 37.0 55.6
151 87.2 58.6 87.8





#11

Tert butyl alcohol

Concen: 7.773 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.079 min

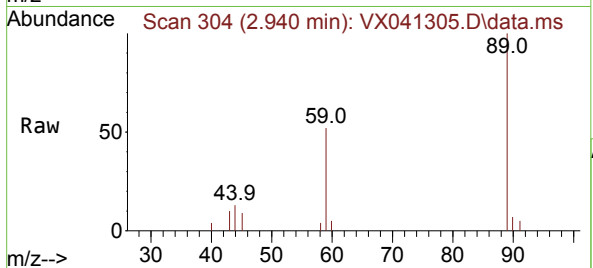
Lab File: VX041305.D

Acq: 30 Apr 2024 17:26

Instrument :

MSVOA_X

ClientSampleId :

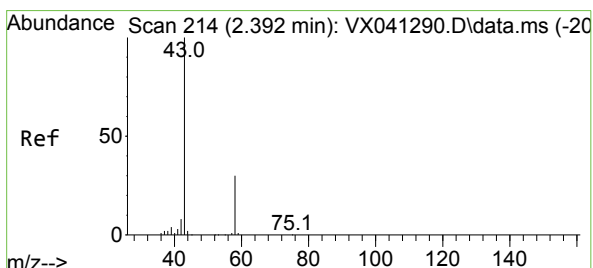
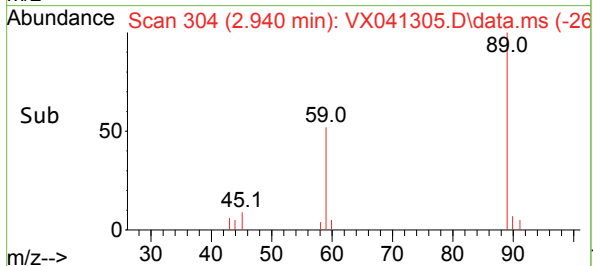
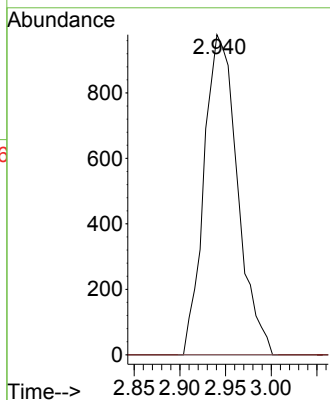


Tgt Ion: 59 Resp: 2494

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041305.D

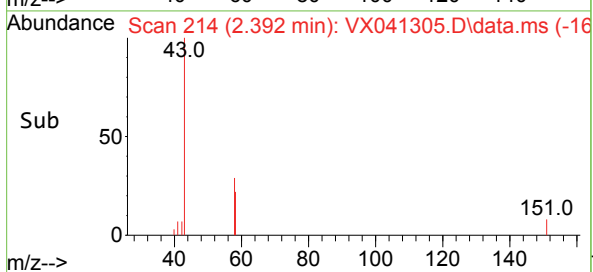
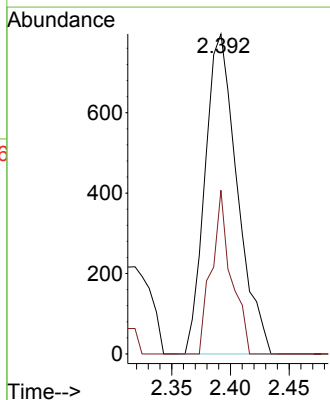
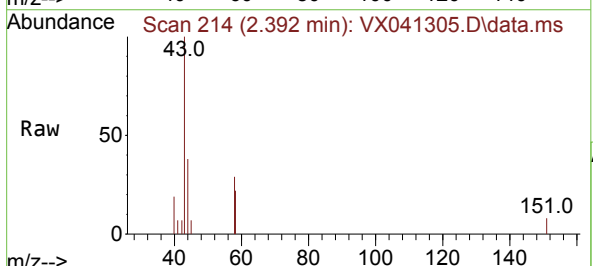
Acq: 30 Apr 2024 17:26

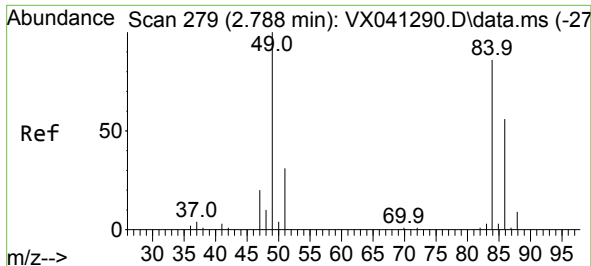
Tgt Ion: 43 Resp: 1516

Ion Ratio Lower Upper

43 100

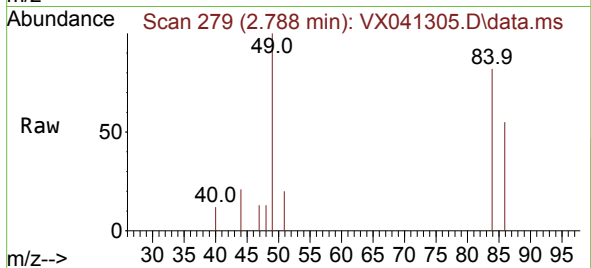
58 51.1 21.9 32.9#



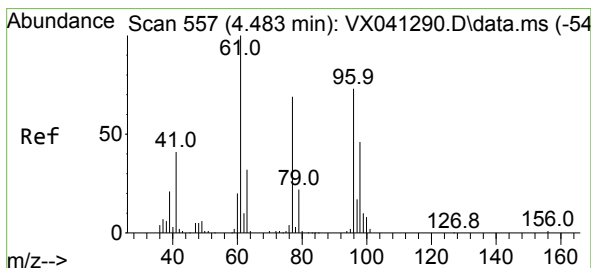
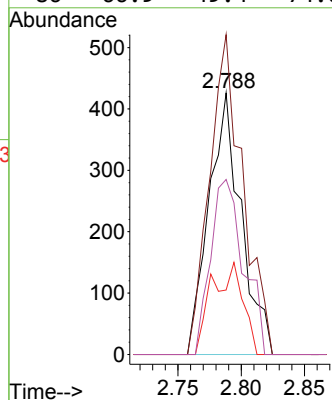


#20
Methylene Chloride
Concen: 0.542 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

Instrument :
MSVOA_X
ClientSampleId :

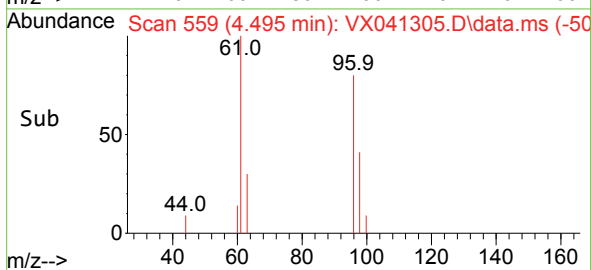
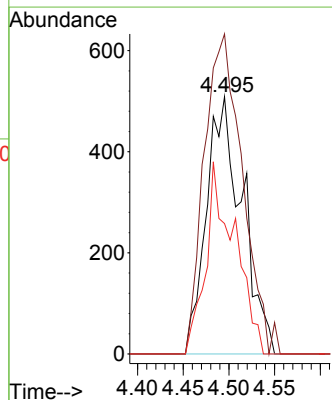
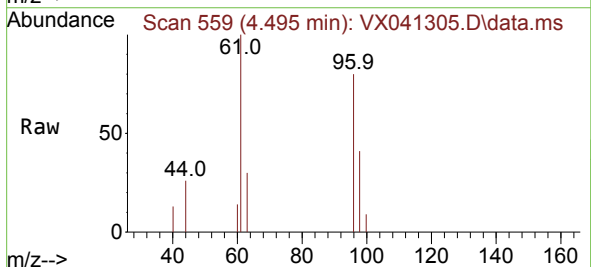


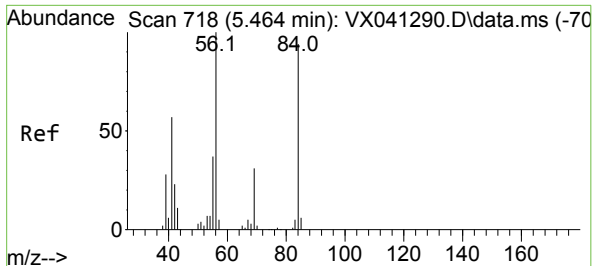
Tgt Ion: 84	Resp: 754
Ion Ratio	Lower Upper
84	100
49	122.3 103.6 155.4
51	24.6 33.8 50.6#
86	66.9 49.4 74.0



#27
cis-1,2-Dichloroethene
Concen: 0.917 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

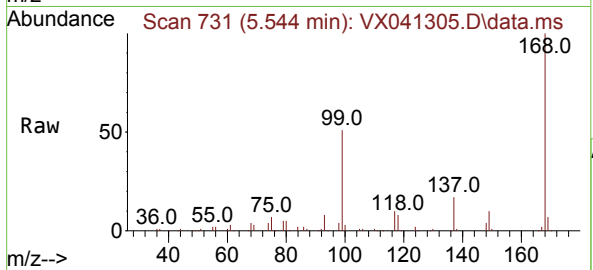
Tgt Ion: 96	Resp: 1385
Ion Ratio	Lower Upper
96	100
61	132.7 0.0 312.2
98	60.6 0.0 129.0



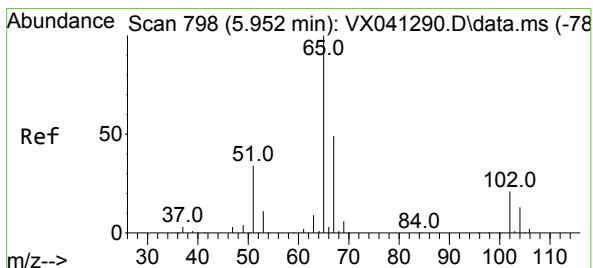
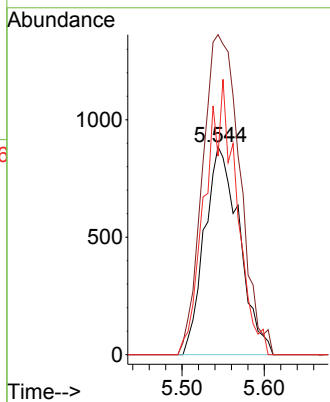
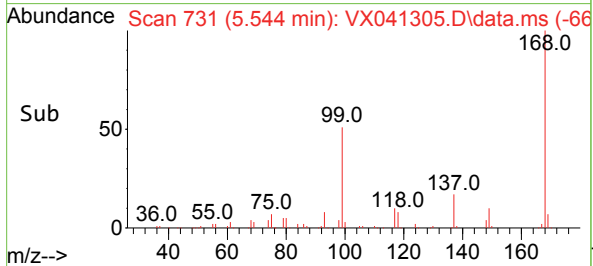


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

Instrument :
MSVOA_X
ClientSampleId :

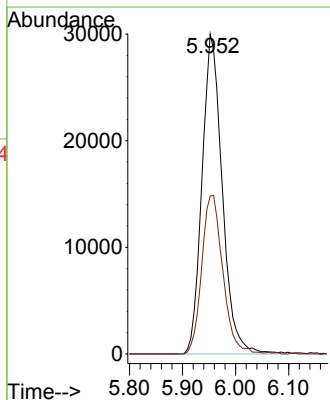
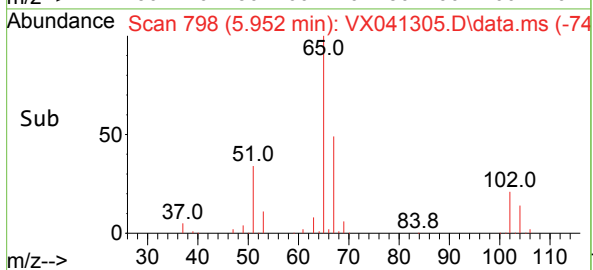
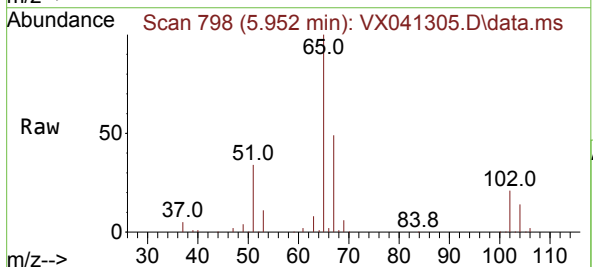


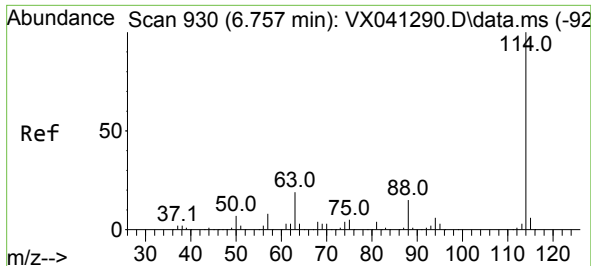
Tgt Ion: 56 Resp: 2606
Ion Ratio Lower Upper
56 100
69 153.9 23.4 35.2#
84 95.5 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.492 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

Tgt Ion: 65 Resp: 79344
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

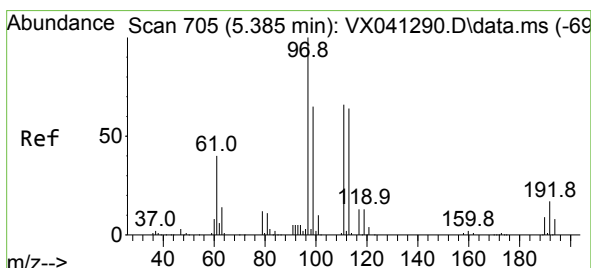
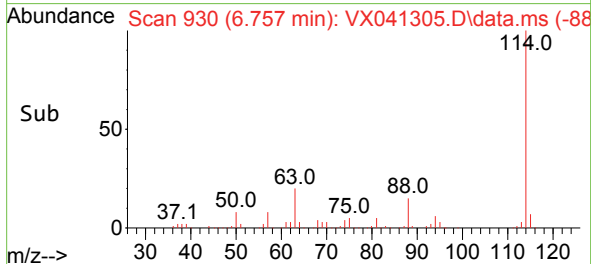
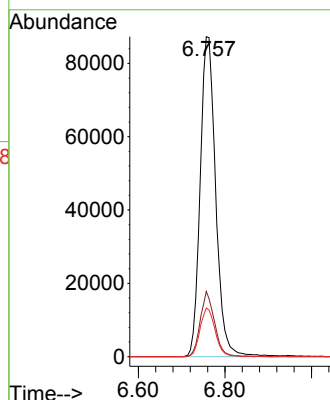
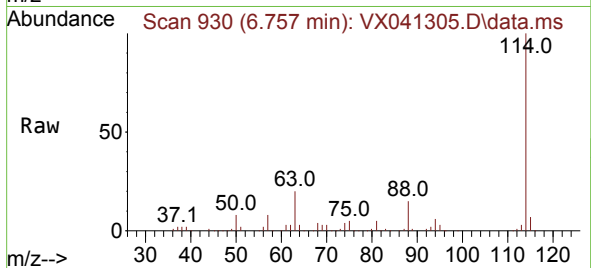




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

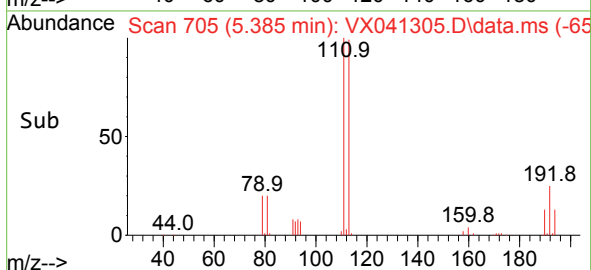
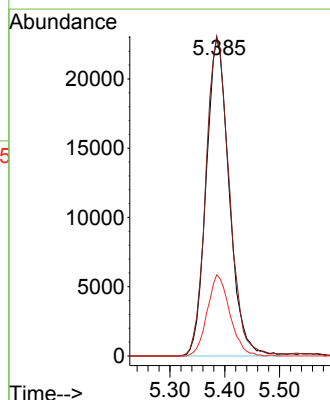
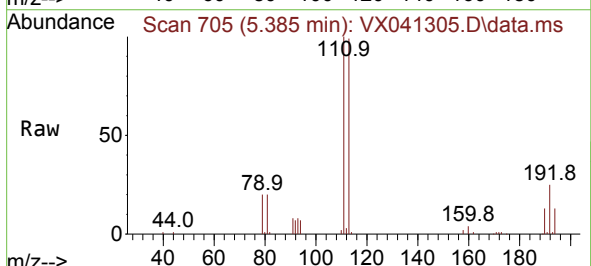
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MSVOA_X
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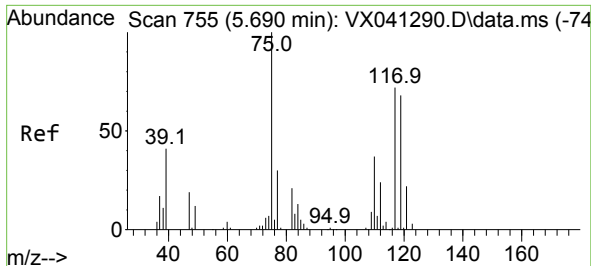
Tgt Ion:114 Resp: 217027
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.392 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

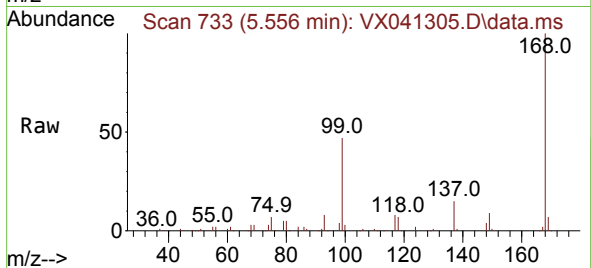
Tgt Ion:113 Resp: 66760
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 25.1 13.3 19.9#



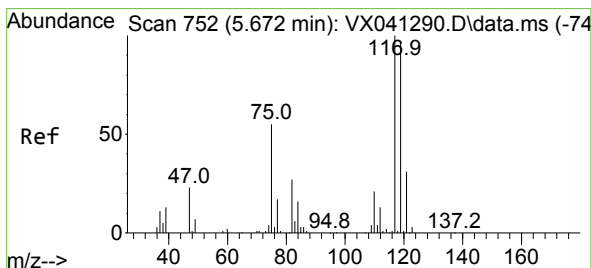
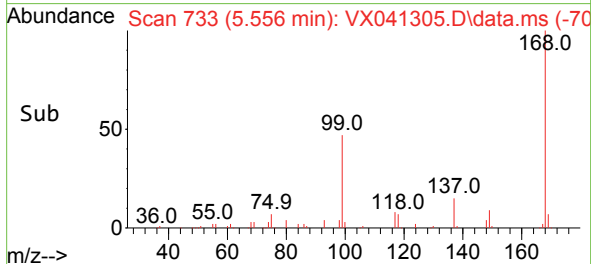
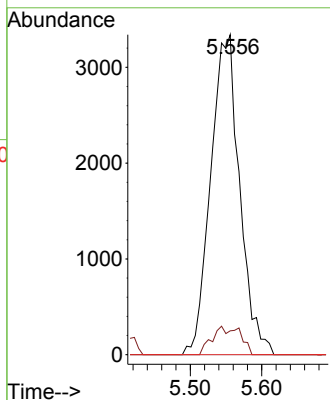


#36
1,1-Dichloropropene
Concen: 5.345 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

Instrument :
MSVOA_X
ClientSampleId :

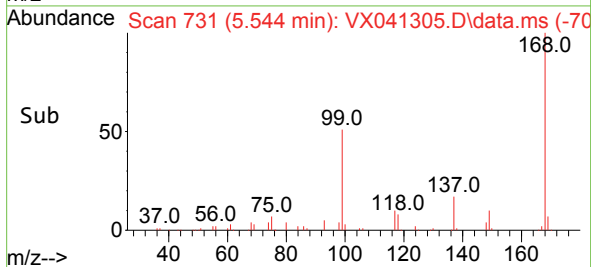
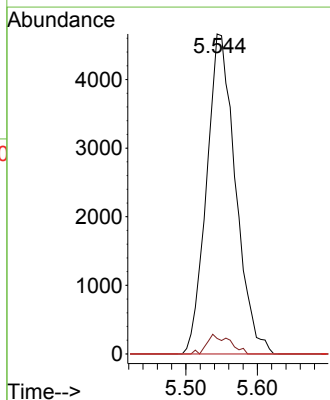
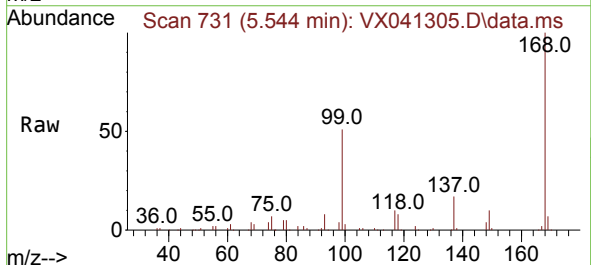


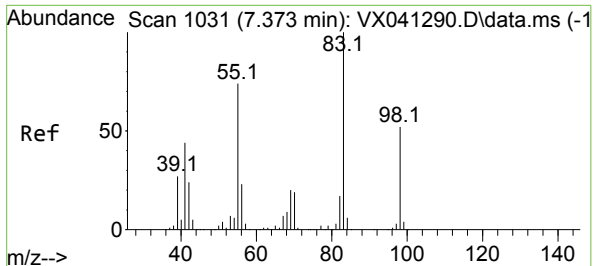
Tgt Ion: 75 Resp: 9400
Ion Ratio Lower Upper
75 100
110 4.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.507 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

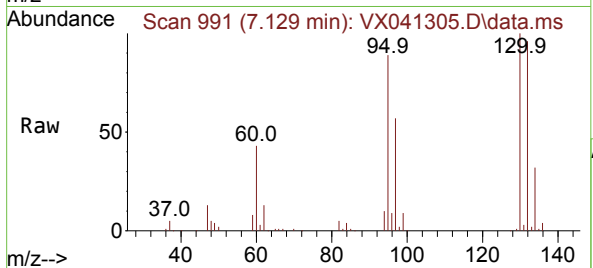
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Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



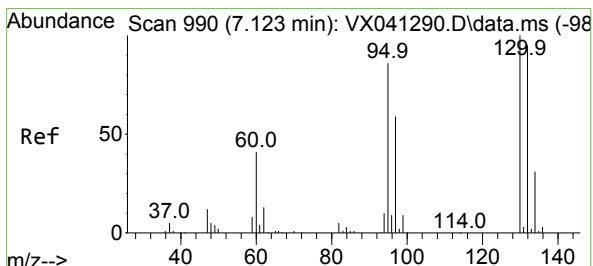
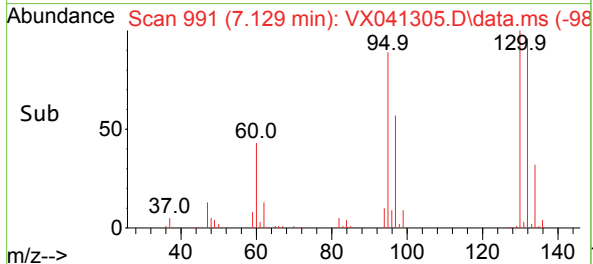
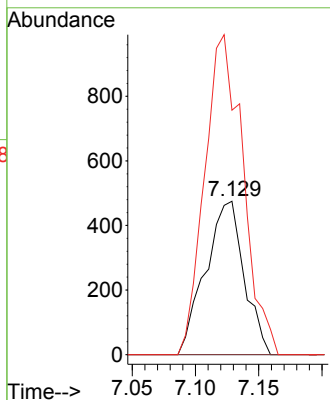


#39
Methylcyclohexane
Concen: 0.488 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.244 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

Instrument :
MSVOA_X
ClientSampleId :

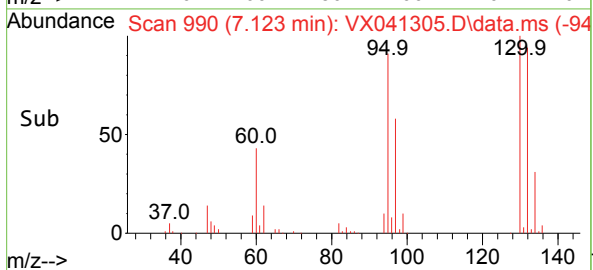
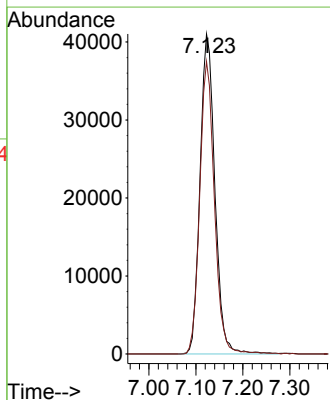
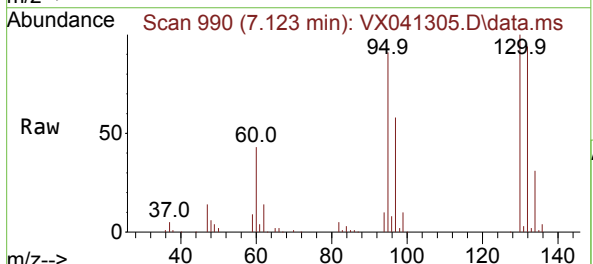


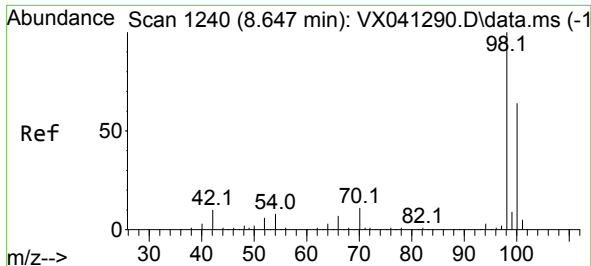
Tgt Ion: 83 Resp: 1008
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 159.4 36.7 55.1#



#44
Trichloroethene
Concen: 63.031 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

Tgt Ion:130 Resp: 90234
Ion Ratio Lower Upper
130 100
95 91.4 0.0 204.4

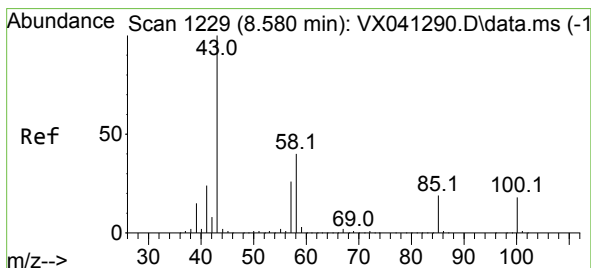
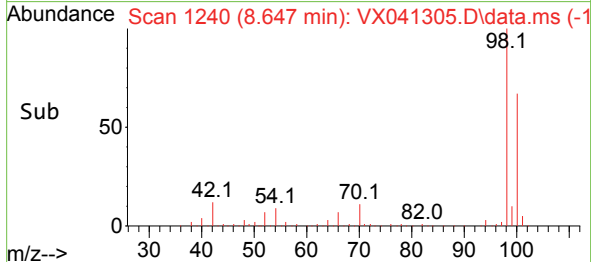
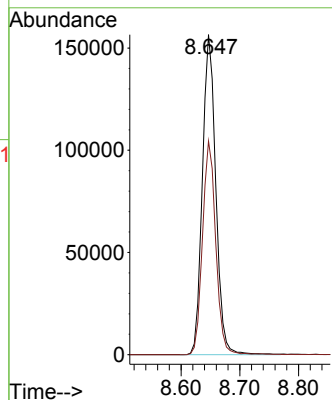
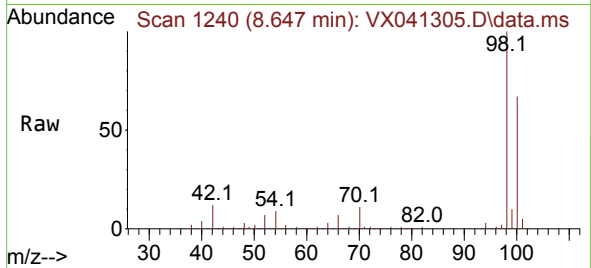




#50
Toluene-d8
Concen: 53.128 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

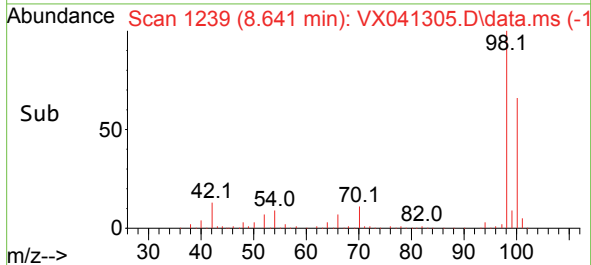
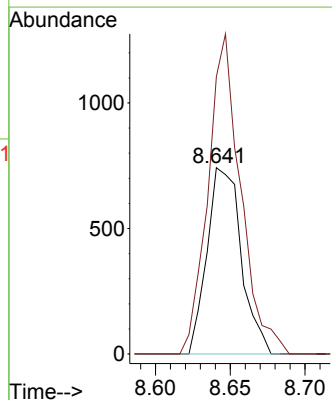
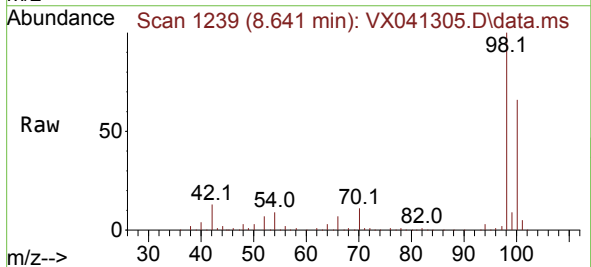
Instrument :
MSVOA_X
ClientSampleId :

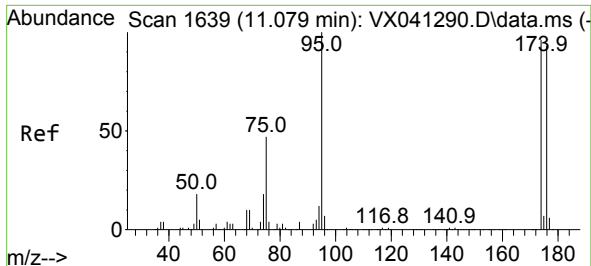
Tgt Ion: 98 Resp: 247308
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.596 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

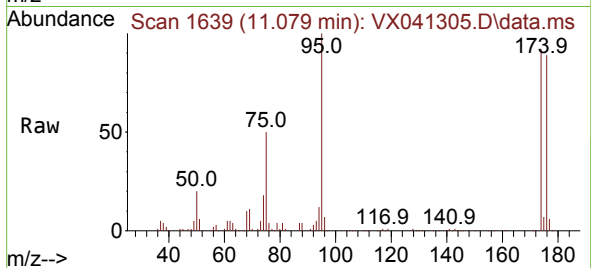
Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 164.0 30.4 45.6#



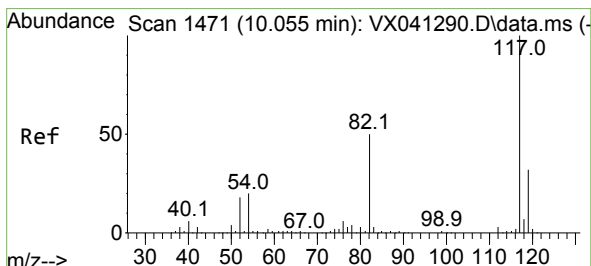
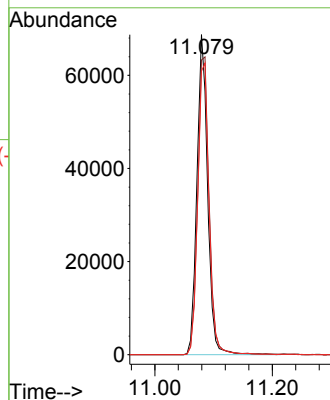
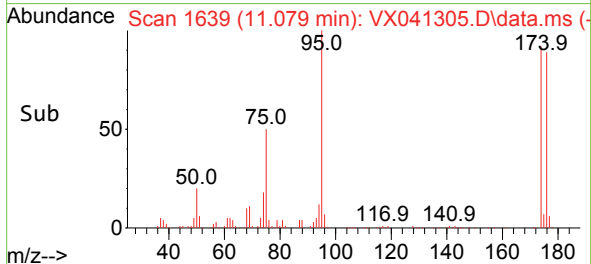


#62
4-Bromofluorobenzene
Concen: 48.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26

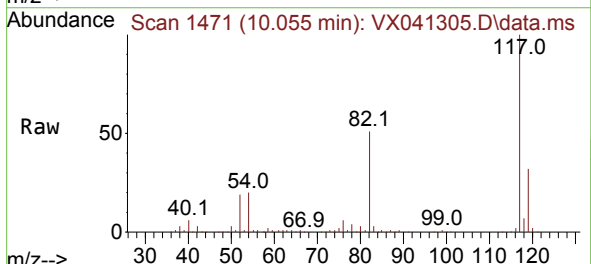
Instrument :
MSVOA_X
ClientSampleId :



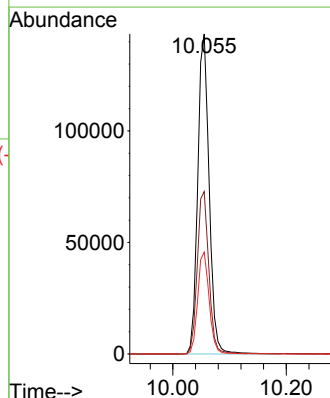
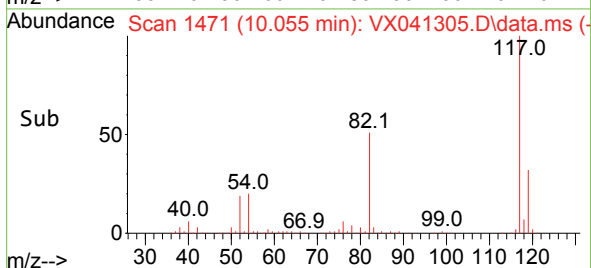
Tgt Ion: 95 Resp: 86971
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 96.4 0.0 131.0

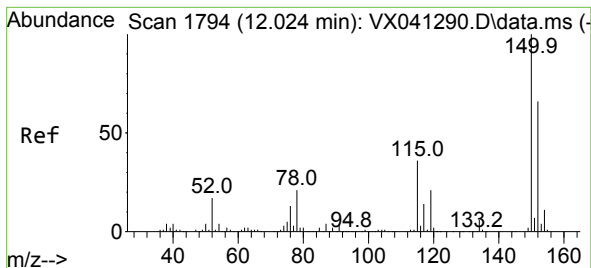


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041305.D
Acq: 30 Apr 2024 17:26



Tgt Ion: 117 Resp: 200008
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041305.D

Acq: 30 Apr 2024 17:26

Instrument :

MSVOA_X

ClientSampleId :

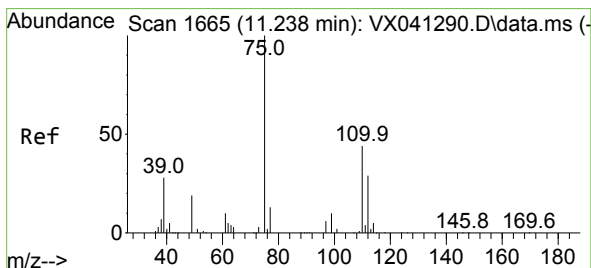
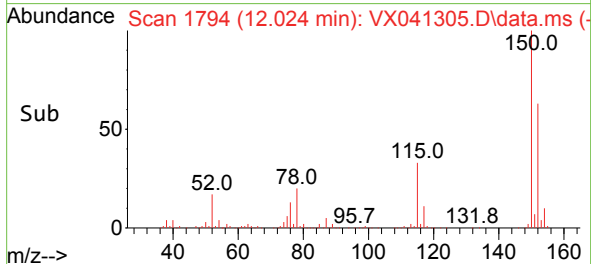
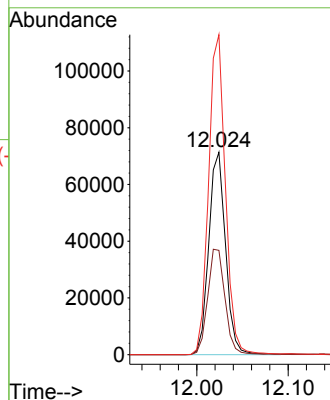
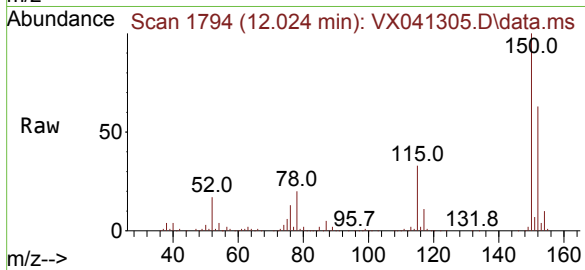
Tgt Ion:152 Resp: 91206

Ion Ratio Lower Upper

152 100

115 53.9 43.3 129.9

150 157.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 29.705 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041305.D

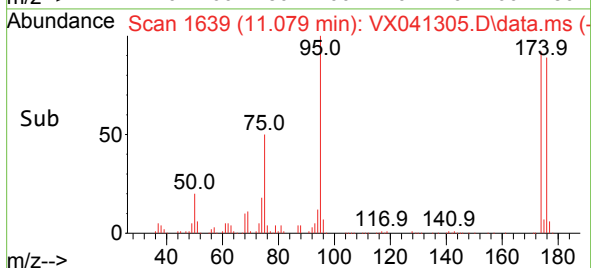
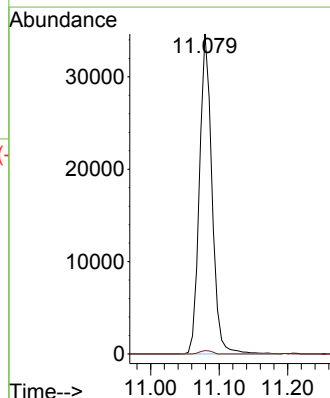
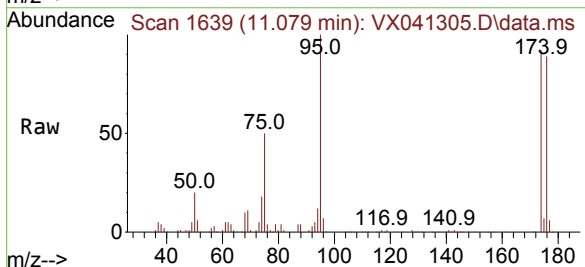
Acq: 30 Apr 2024 17:26

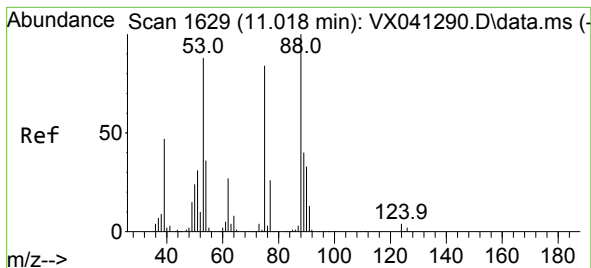
Tgt Ion: 75 Resp: 44153

Ion Ratio Lower Upper

75 100

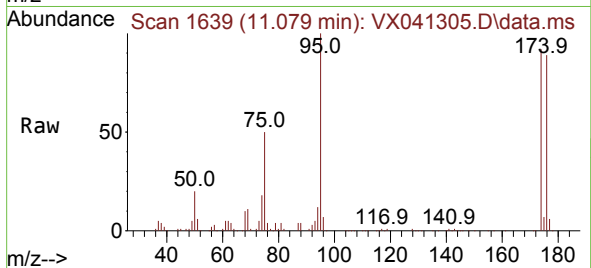
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.913 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041305.D
 Acq: 30 Apr 2024 17:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 44153
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

