

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041320.D
 Acq On : 01 May 2024 12:48
 Operator : JC/MD
 Sample : P2264-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 03:08:33 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)

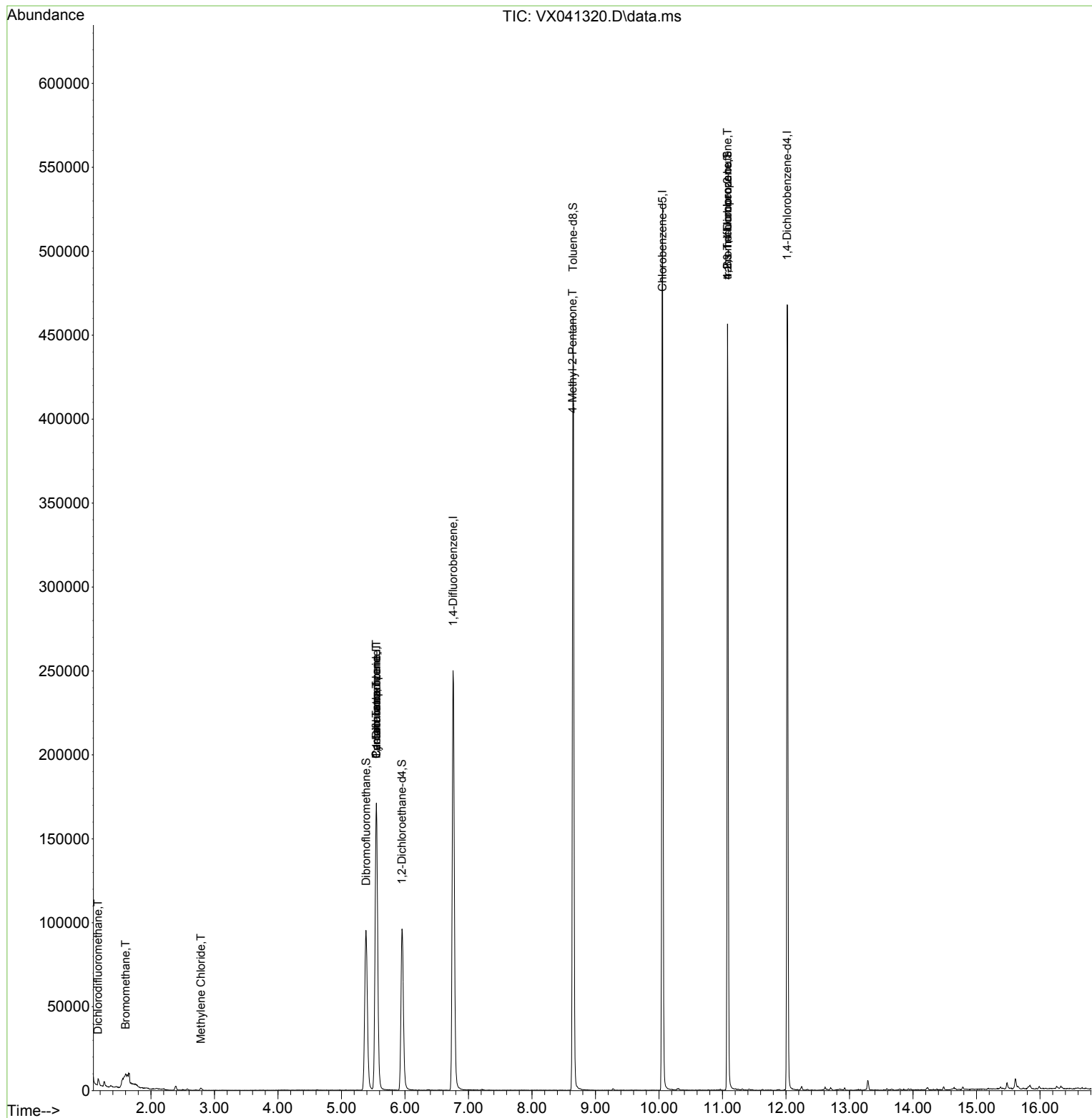
Internal Standards						
1) Pentafluorobenzene	5.550	168	186017	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	268692	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97600	48.196	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.400%
35) Dibromofluoromethane	5.385	113	83762	46.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	8.647	98	277153	48.091	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.180%
62) 4-Bromofluorobenzene	11.079	95	114072	51.132	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	2405	1.573	ug/l	93
5) Bromomethane	1.599	94	509	0.538	ug/l	97
16) Acetone	2.392	43	2834	Below Cal	#	86
20) Methylene Chloride	2.788	84	737	0.419	ug/l	# 85
31) Cyclohexane	5.550	56	2869	1.174	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	11574	5.316	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	16021	6.423	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.641	43	1291	0.527	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	57030	33.111	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	57030	90.192	ug/l	# 5

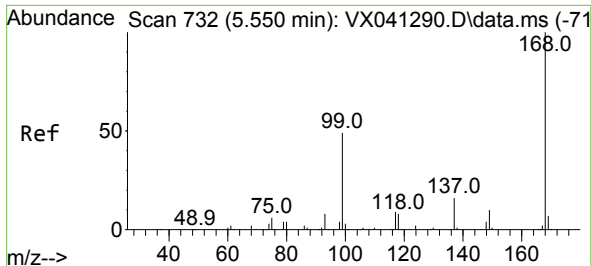
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
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Quant Time: May 02 03:08:33 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

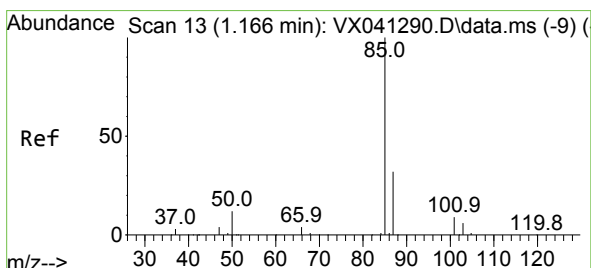
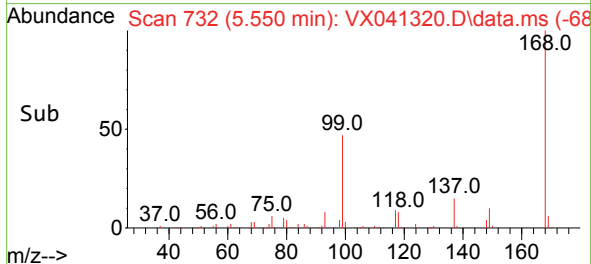
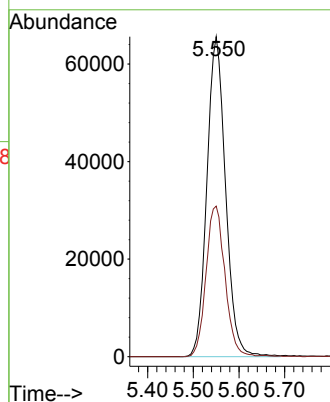
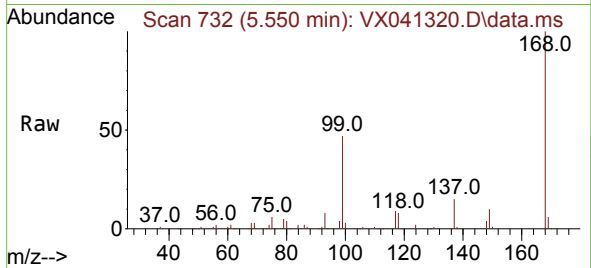




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

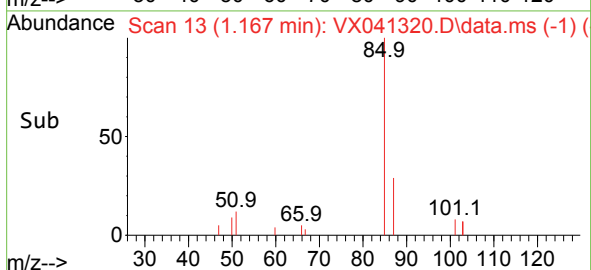
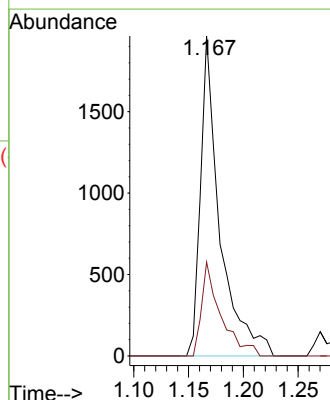
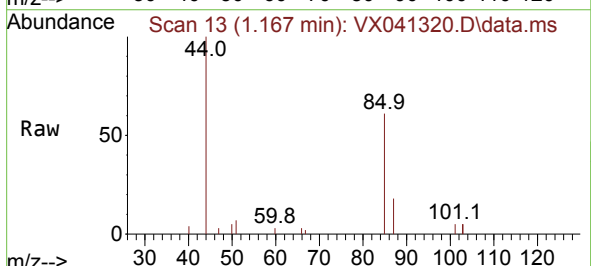
Instrument :
MSVOA_X
ClientSampleId :

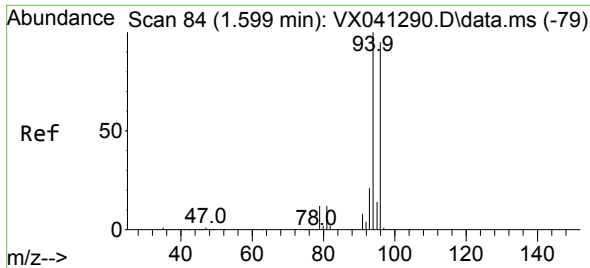
Tgt Ion:168 Resp: 186017
Ion Ratio Lower Upper
168 100
99 47.0 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 1.573 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

Tgt Ion: 85 Resp: 2405
Ion Ratio Lower Upper
85 100
87 29.4 16.7 50.1

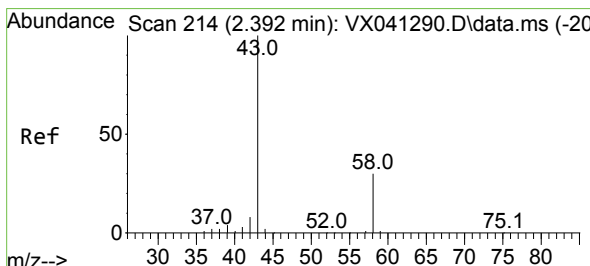
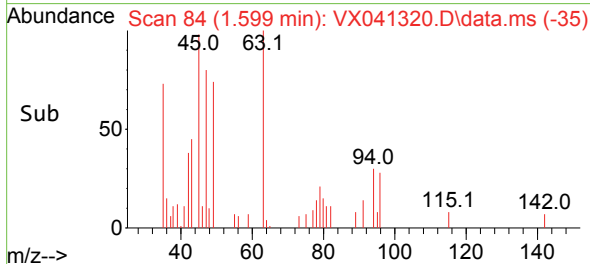
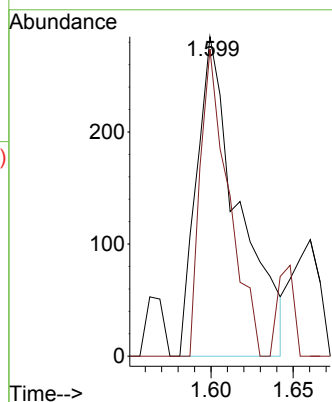
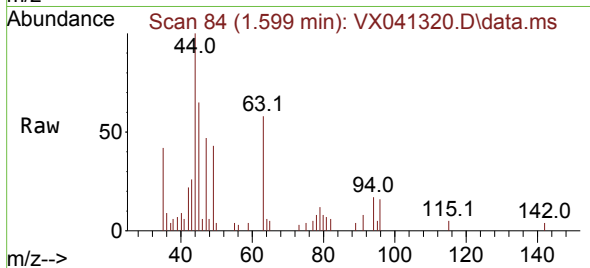




#5
Bromomethane
Concen: 0.538 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

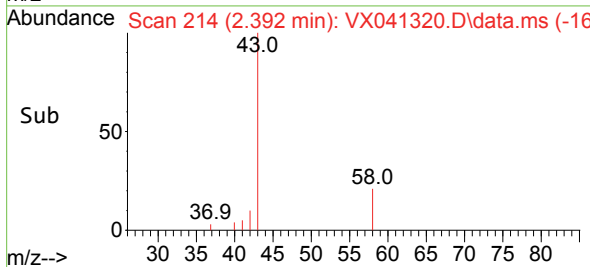
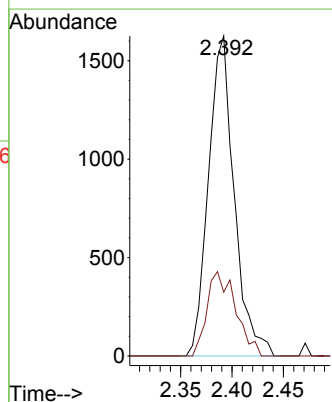
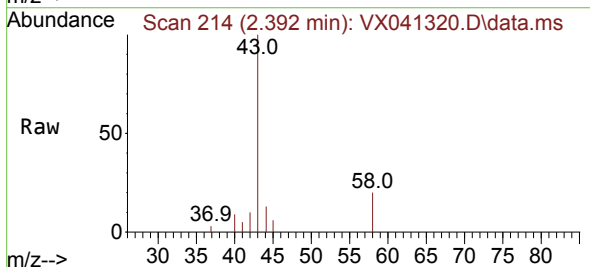
Instrument :
MSVOA_X
ClientSampleId :

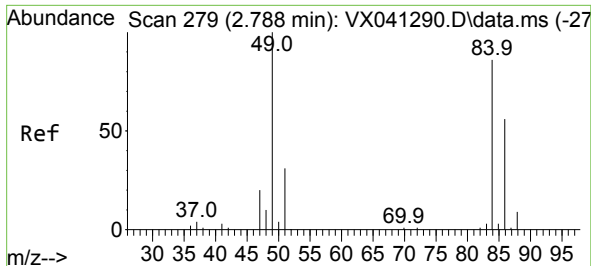
Tgt Ion: 94 Resp: 509
Ion Ratio Lower Upper
94 100
96 96.1 74.6 111.8



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

Tgt Ion: 43 Resp: 2834
Ion Ratio Lower Upper
43 100
58 19.9 21.9 32.9#





#20

Methylene Chloride

Concen: 0.419 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

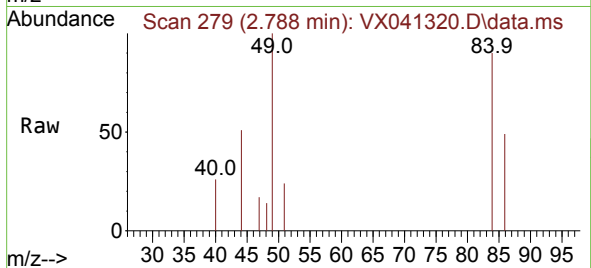
Lab File: VX041320.D

Acq: 01 May 2024 12:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 737

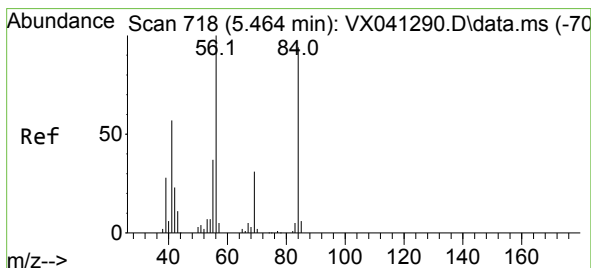
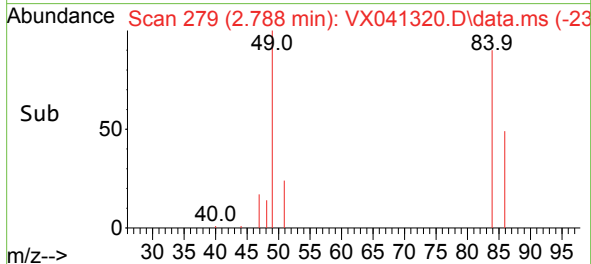
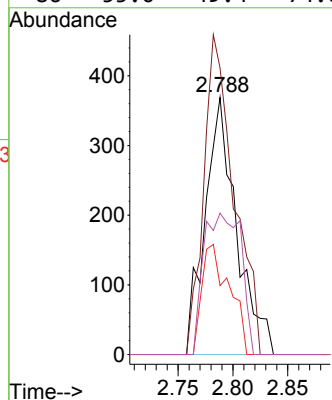
Ion Ratio Lower Upper

84 100

49 111.4 103.6 155.4

51 26.8 33.8 50.6#

86 55.0 49.4 74.0



#31

Cyclohexane

Concen: 1.174 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX041320.D

Acq: 01 May 2024 12:48

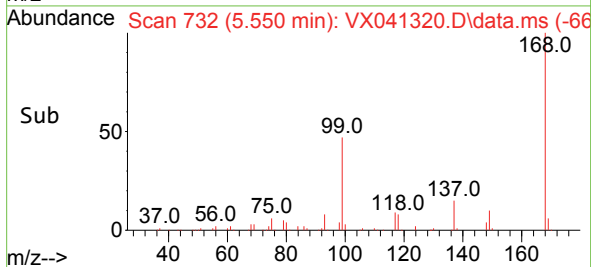
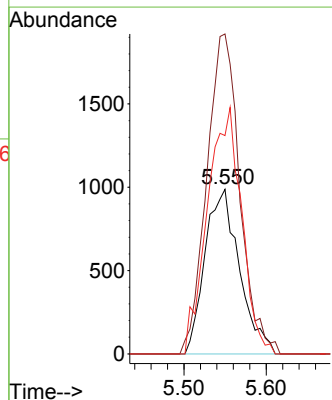
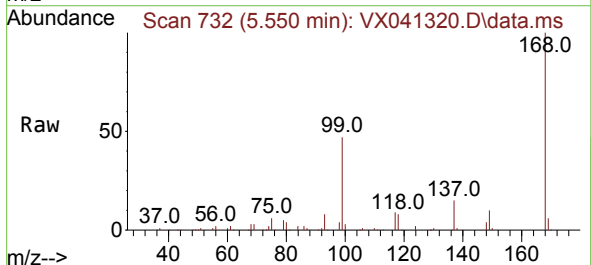
Tgt Ion: 56 Resp: 2869

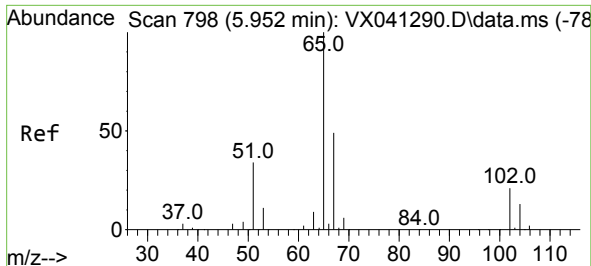
Ion Ratio Lower Upper

56 100

69 194.3 23.4 35.2#

84 132.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.196 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041320.D

Acq: 01 May 2024 12:48

Instrument :

MSVOA_X

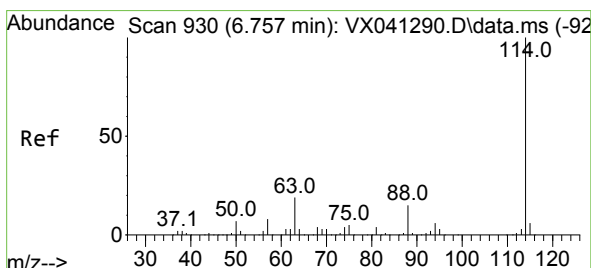
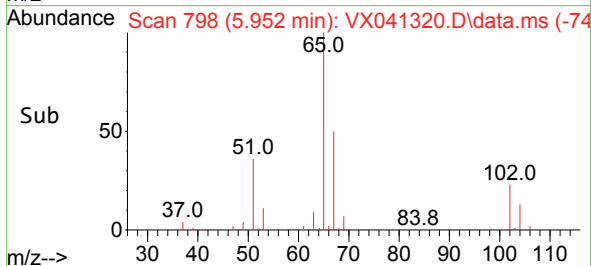
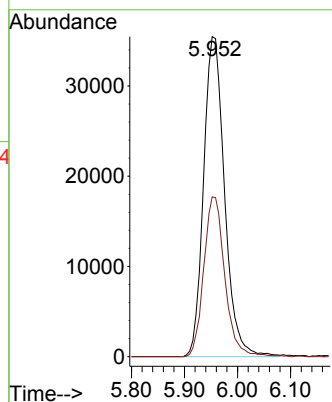
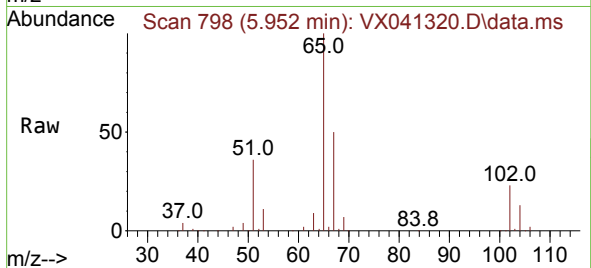
ClientSampleId :

Tgt Ion: 65 Resp: 97600

Ion Ratio Lower Upper

65 100

67 50.1 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: VX041320.D

Acq: 01 May 2024 12:48

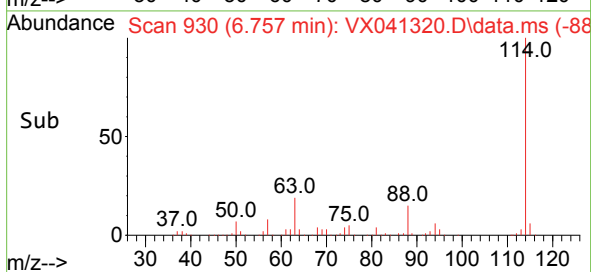
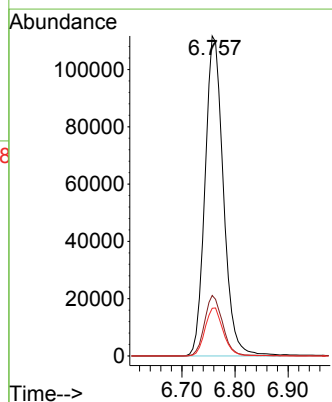
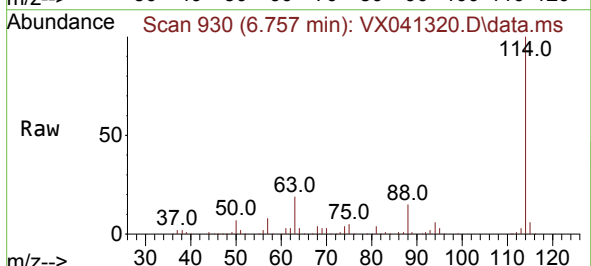
Tgt Ion: 114 Resp: 268692

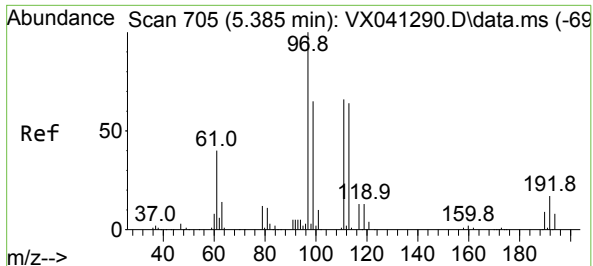
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

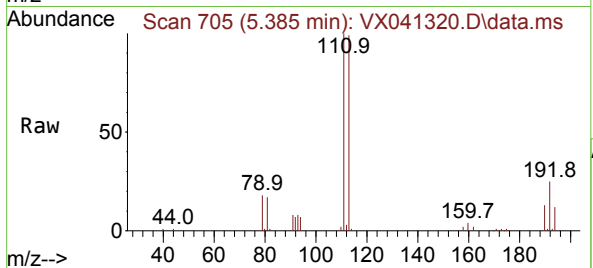
88 14.9 0.0 36.6



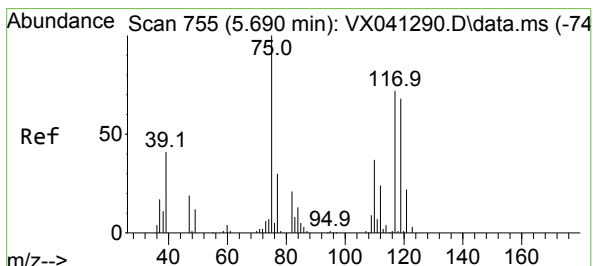
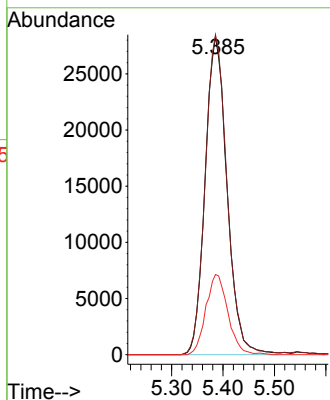
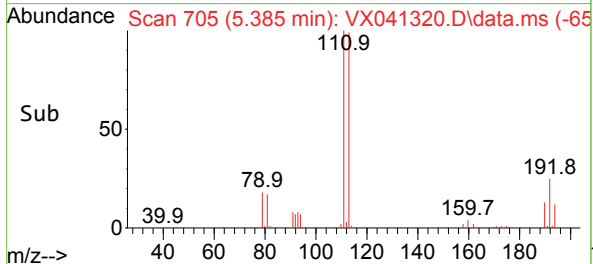


#35
Dibromofluoromethane
Concen: 46.002 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

Instrument :
MSVOA_X
ClientSampleId :

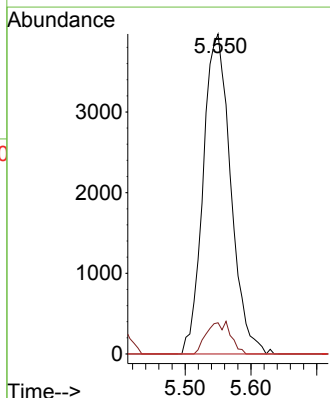
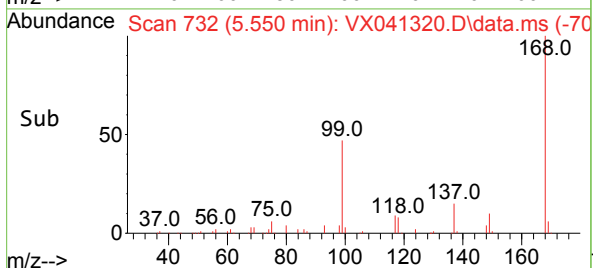
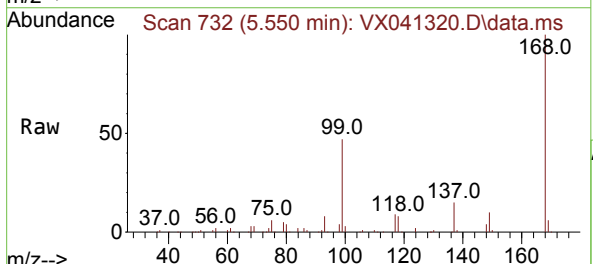


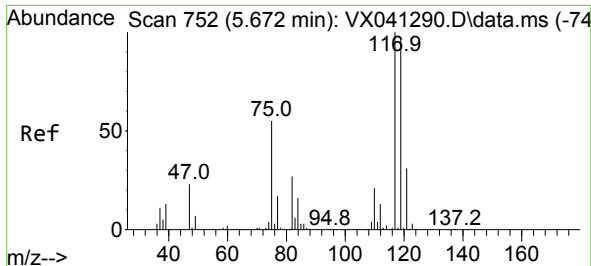
Tgt Ion:113 Resp: 83762
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.4 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.316 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

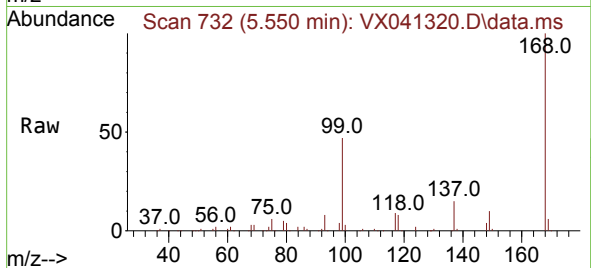
Tgt Ion: 75 Resp: 11574
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



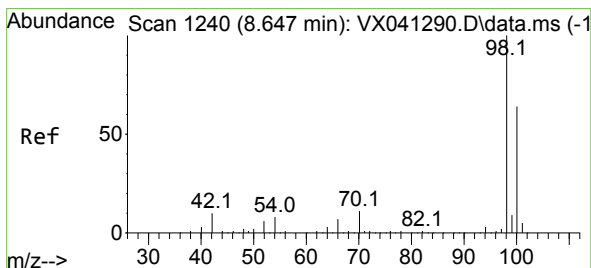
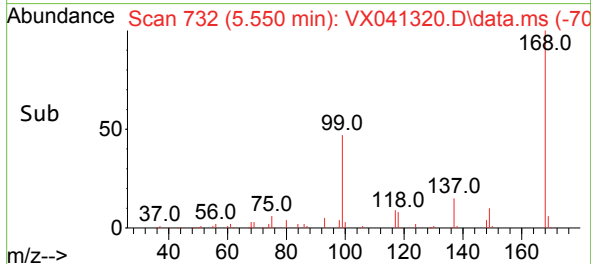
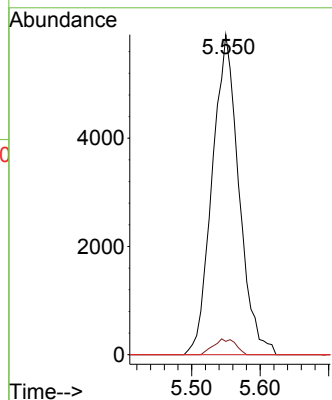


#38
Carbon Tetrachloride
Concen: 6.423 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

Instrument :
MSVOA_X
ClientSampleId :

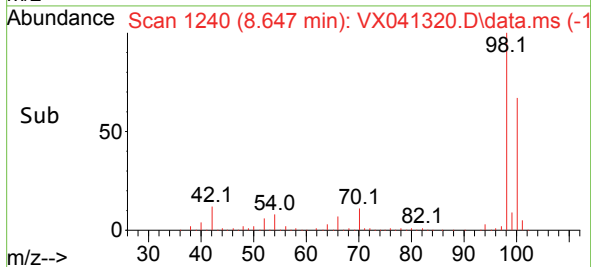
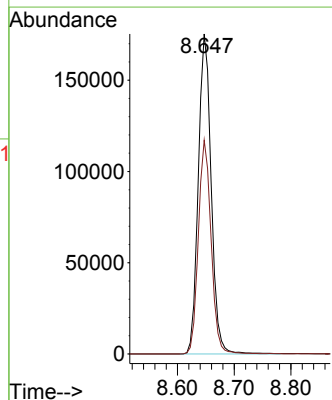
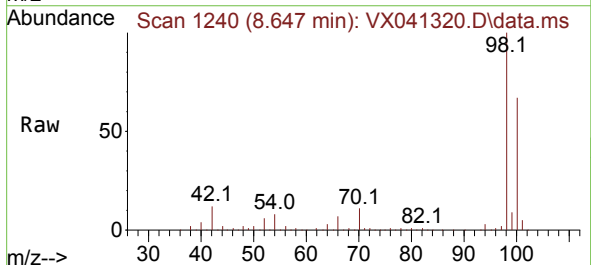


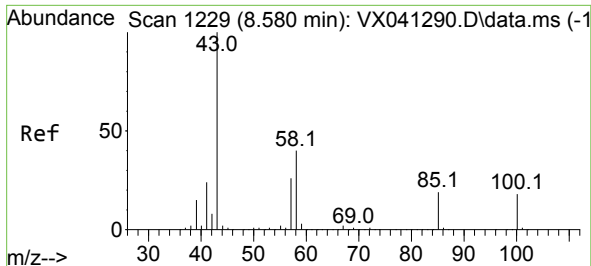
Tgt Ion:117 Resp: 16021
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.091 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

Tgt Ion: 98 Resp: 277153
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

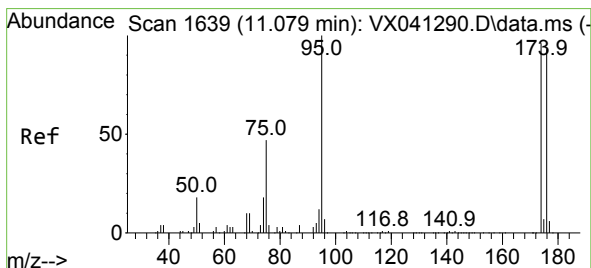
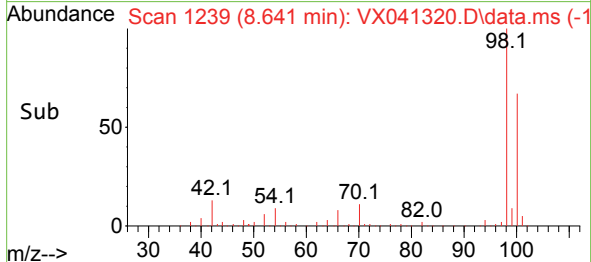
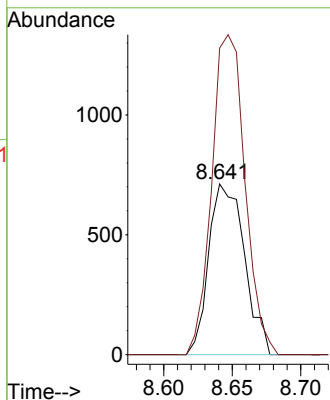
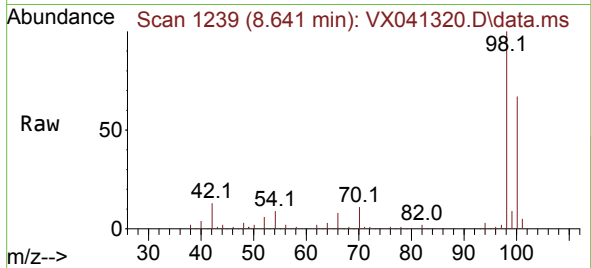




#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.641 min Scan# 1291
Delta R.T. 0.061 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

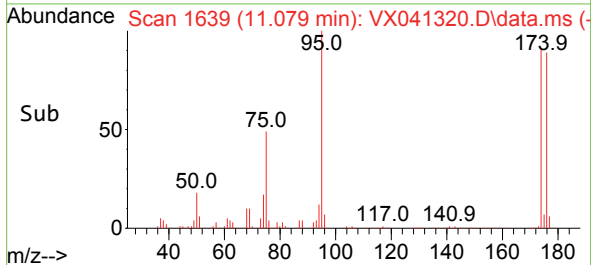
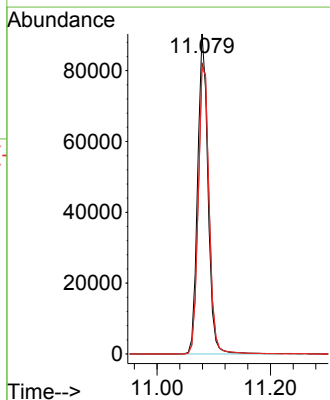
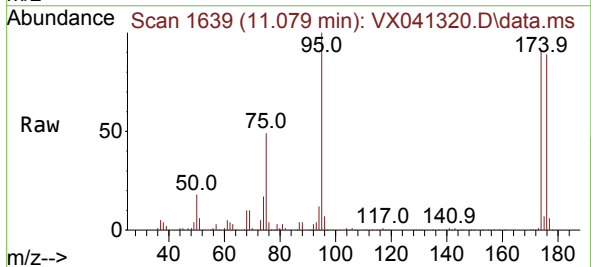
Instrument :
MSVOA_X
ClientSampleId :

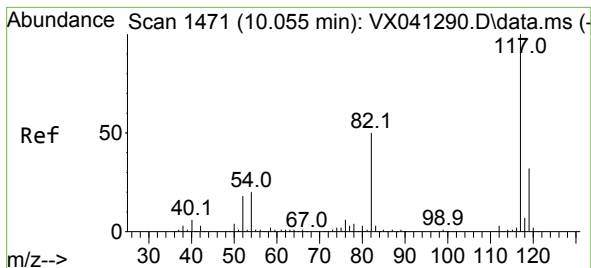
Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 174.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.132 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

Tgt Ion: 95 Resp: 114072
Ion Ratio Lower Upper
95 100
174 95.0 0.0 135.6
176 94.4 0.0 131.0

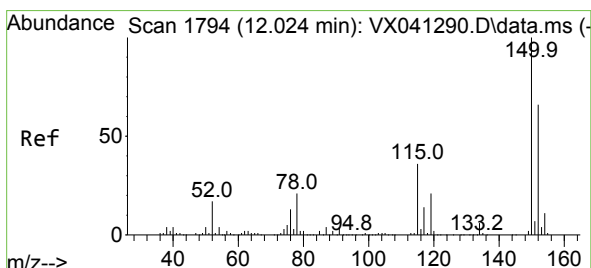
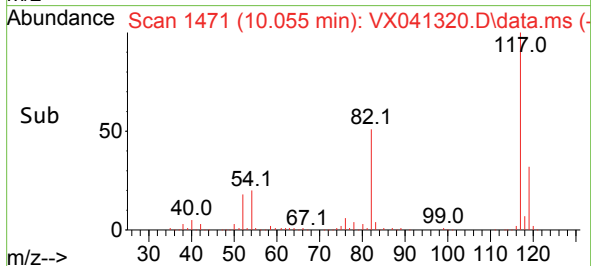
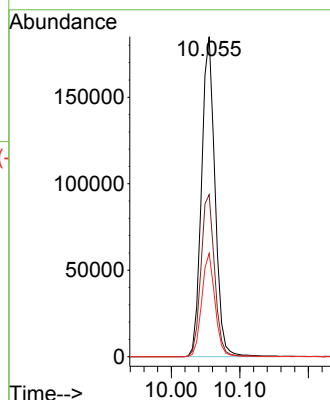
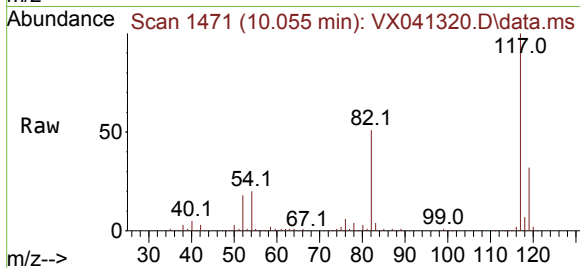




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

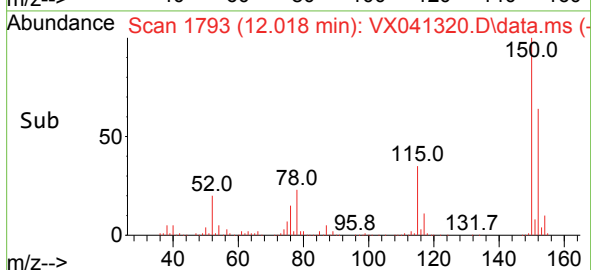
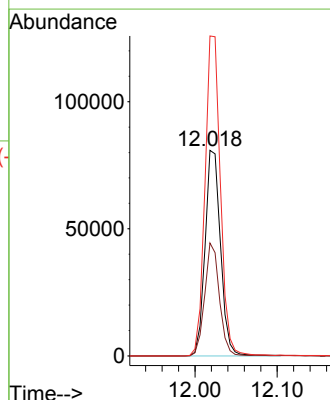
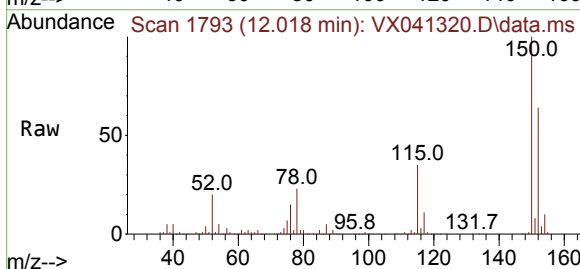
Instrument :
MSVOA_X
ClientSampleId :

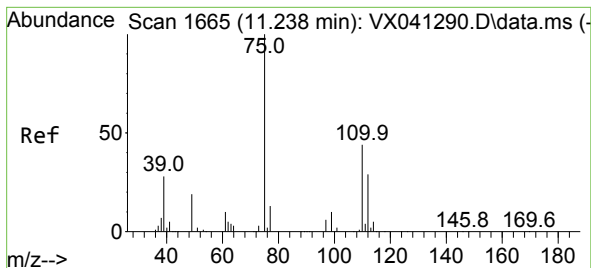
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.7	46.2	69.4
119	32.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX041320.D
Acq: 01 May 2024 12:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.5	43.3	129.9
150	155.4	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 33.111 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041320.D

Acq: 01 May 2024 12:48

Instrument :

MSVOA_X

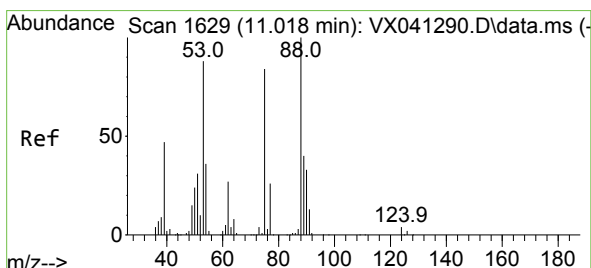
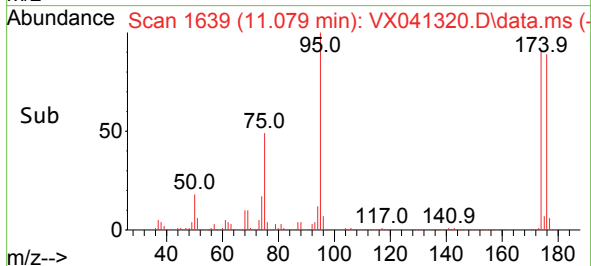
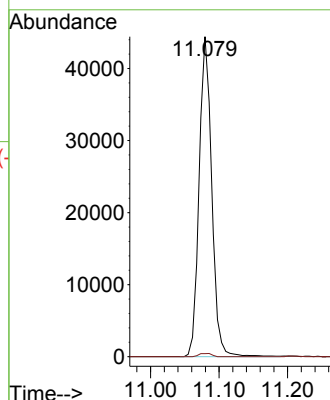
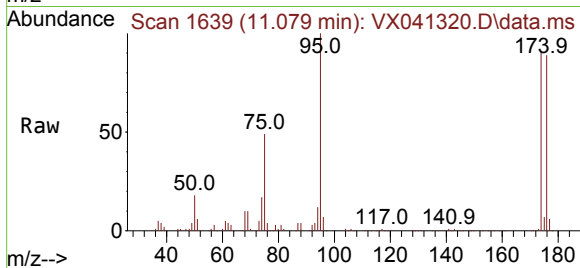
ClientSampleId :

Tgt Ion: 75 Resp: 57030

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.192 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041320.D

Acq: 01 May 2024 12:48

Tgt Ion: 75 Resp: 57030

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

