

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041326.D
 Acq On : 01 May 2024 15:07
 Operator : JC/MD
 Sample : P2264-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 03:11:28 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)

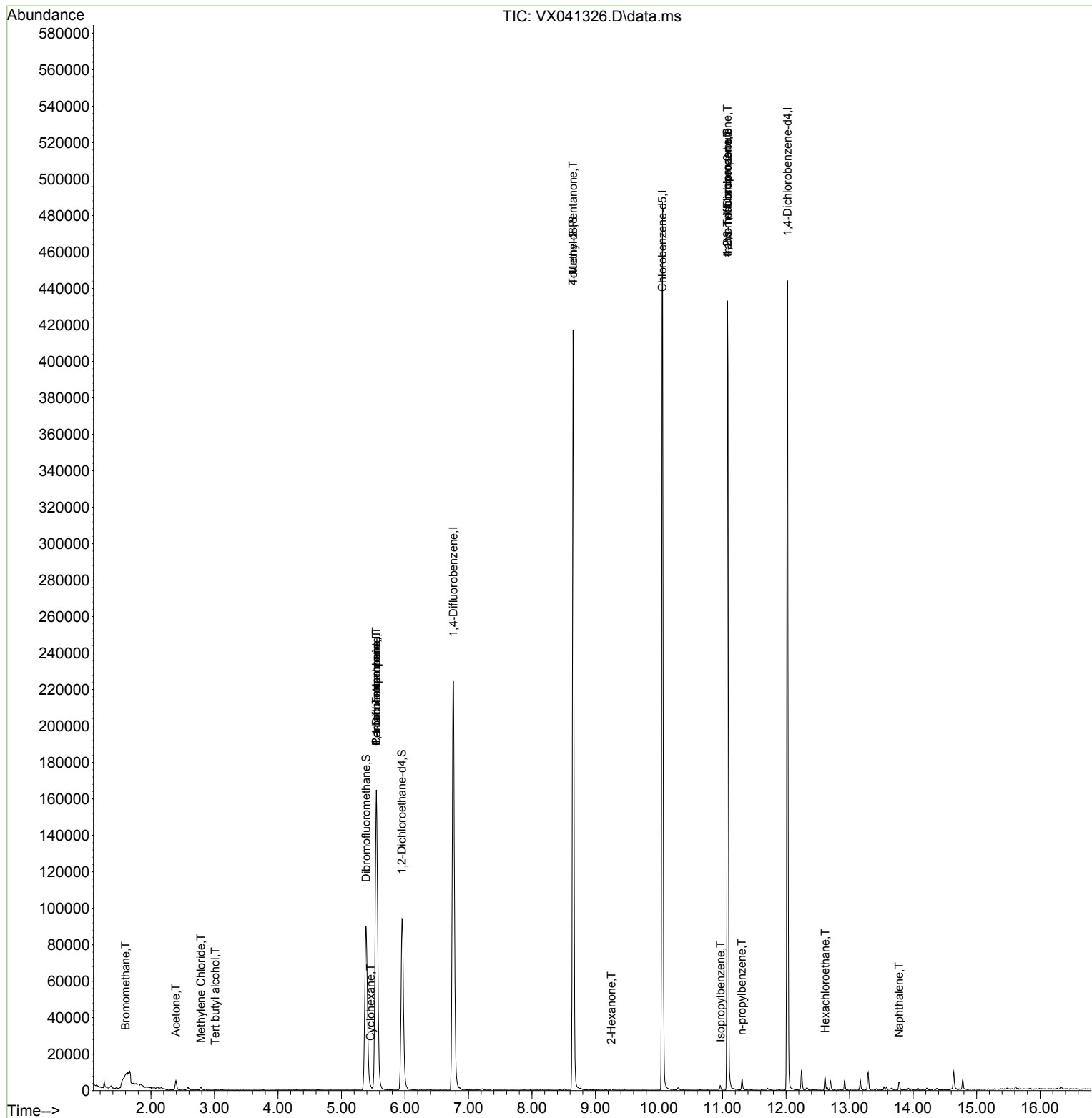
Internal Standards						
1) Pentafluorobenzene	5.550	168	174997	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	248744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95214	49.979	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.960%
35) Dibromofluoromethane	5.385	113	78258	46.426	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.860%
50) Toluene-d8	8.647	98	242764	45.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.000%#
62) 4-Bromofluorobenzene	11.079	95	109135	52.842	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.680%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	332	0.373	ug/l	83
11) Tert butyl alcohol	3.014	59	442	1.159	ug/l	# 78
16) Acetone	2.392	43	5937	3.216	ug/l	92
20) Methylene Chloride	2.788	84	1007	0.609	ug/l	# 91
31) Cyclohexane	5.458	56	501	0.218	ug/l	# 83
36) 1,1-Dichloropropene	5.550	75	10782	5.349	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	15025	6.507	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1126	0.496	ug/l	# 1
59) 2-Hexanone	9.250	43	586	0.323	ug/l	79
73) Isopropylbenzene	10.969	105	1491	0.238	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	55445	33.103	ug/l	# 38
78) n-propylbenzene	11.305	91	4728	0.718	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	55445	90.168	ug/l	# 5
90) Hexachloroethane	12.615	117	393	0.417	ug/l	# 17
95) Naphthalene	13.780	128	3792	0.539	ug/l	98

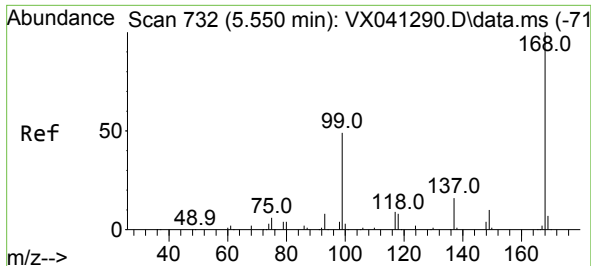
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041326.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
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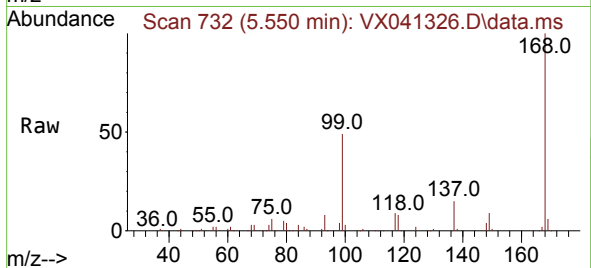
Quant Time: May 02 03:11:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



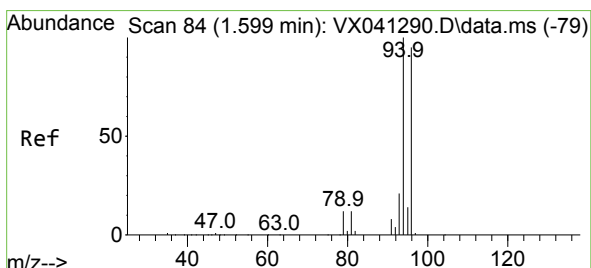
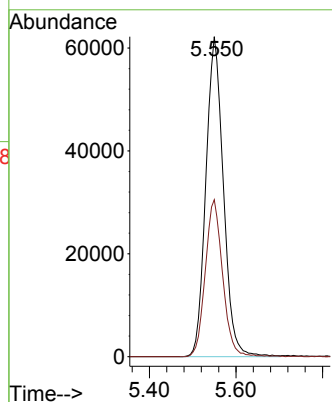
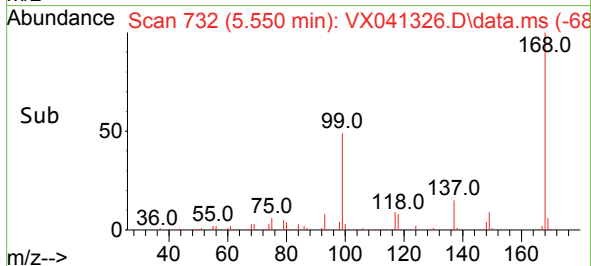


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

Instrument :
MSVOA_X
ClientSampleId :

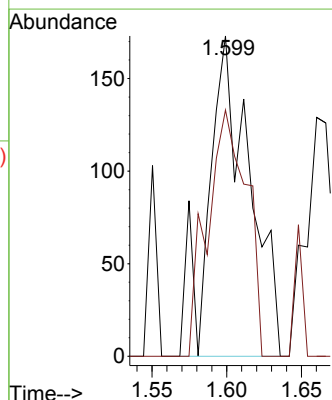
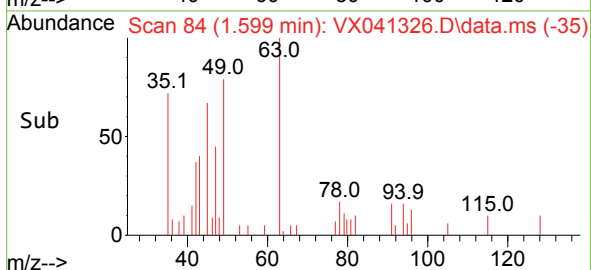
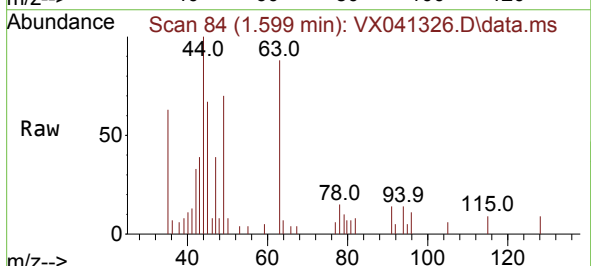


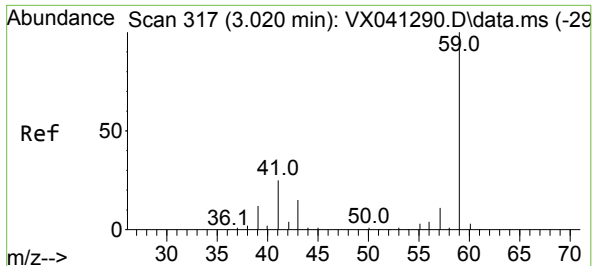
Tgt Ion:168 Resp: 174997
Ion Ratio Lower Upper
168 100
99 49.0 56.6 85.0#



#5
Bromomethane
Concen: 0.373 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

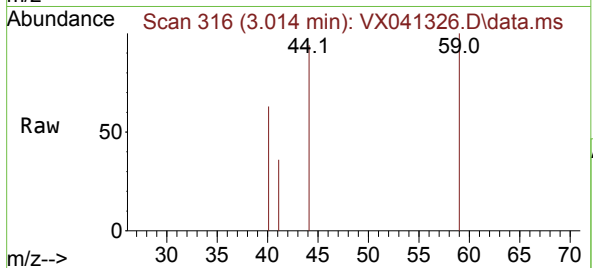
Tgt Ion: 94 Resp: 332
Ion Ratio Lower Upper
94 100
96 76.9 74.6 111.8



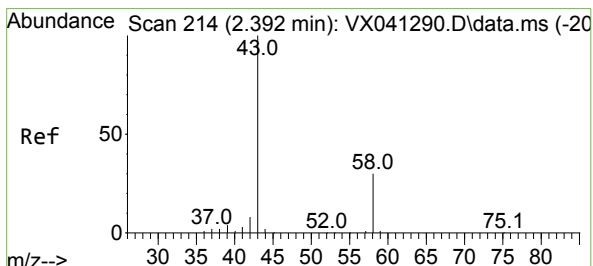
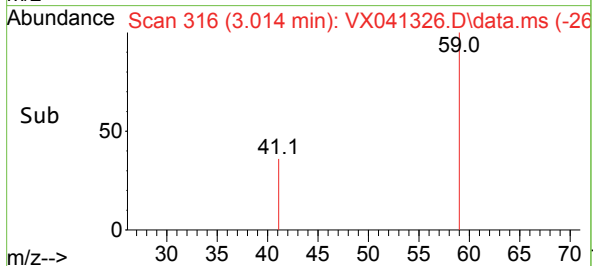
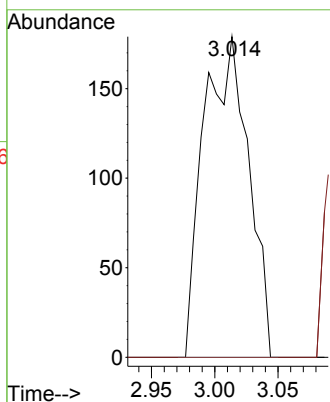


#11
Tert butyl alcohol
Concen: 1.159 ug/l
RT: 3.014 min Scan# 317
Delta R.T. -0.006 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

Instrument :
MSVOA_X
ClientSampleId :

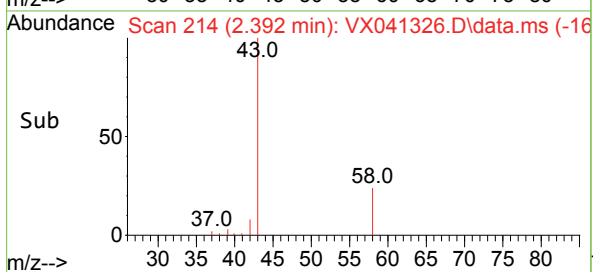
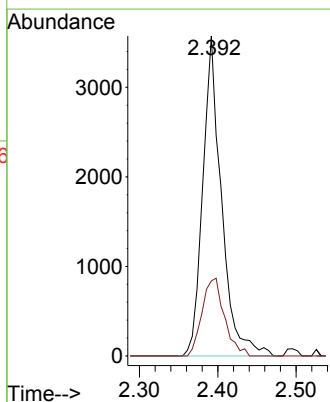
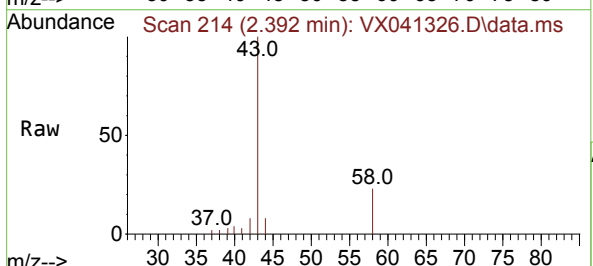


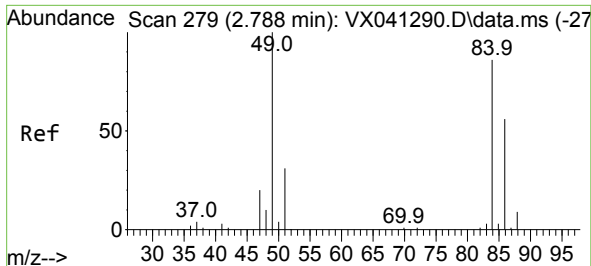
Tgt Ion: 59 Resp: 442
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 3.216 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

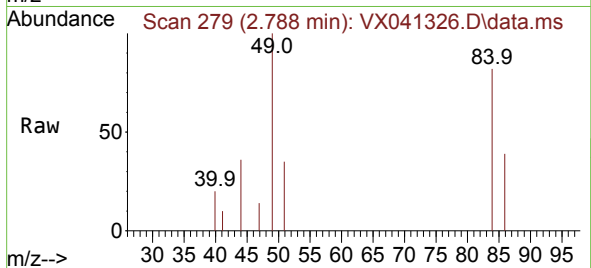
Tgt Ion: 43 Resp: 5937
Ion Ratio Lower Upper
43 100
58 23.4 21.9 32.9



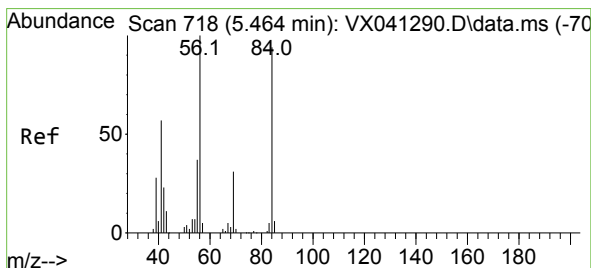
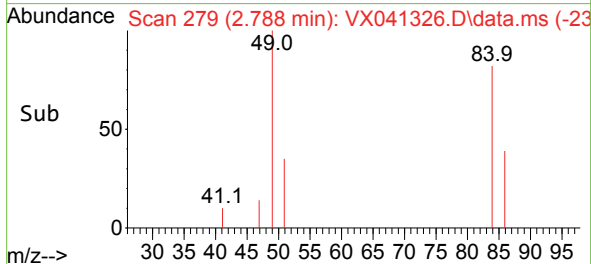
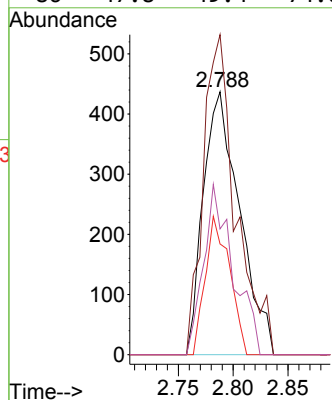


#20
Methylene Chloride
Concen: 0.609 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

Instrument :
MSVOA_X
ClientSampleId :

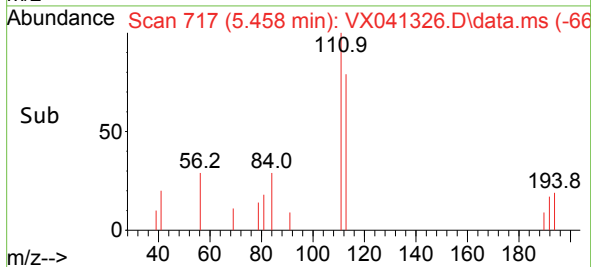
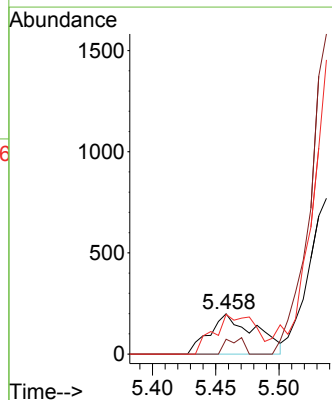
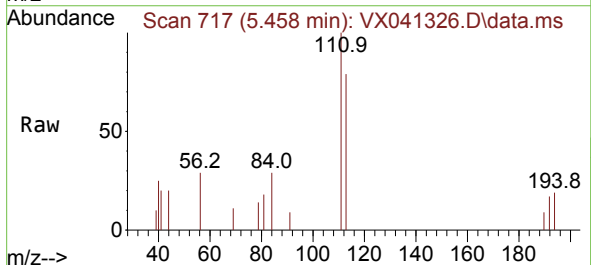


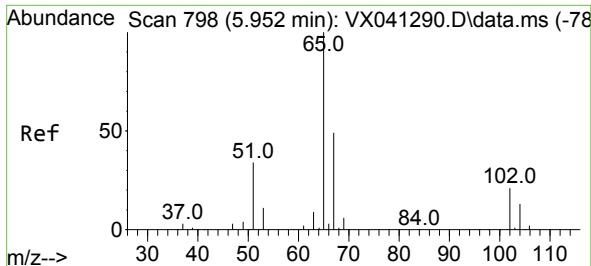
Tgt Ion:	84	Resp:	1007
Ion	Ratio	Lower	Upper
84	100		
49	121.7	103.6	155.4
51	42.1	33.8	50.6
86	47.8	49.4	74.0#



#31
Cyclohexane
Concen: 0.218 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

Tgt Ion:	56	Resp:	501
Ion	Ratio	Lower	Upper
56	100		
69	36.7	23.4	35.2#
84	98.5	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 49.979 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041326.D

Acq: 01 May 2024 15:07

Instrument :

MSVOA_X

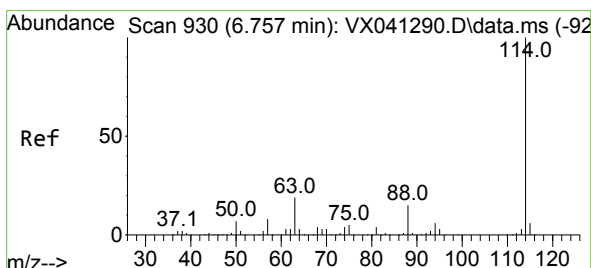
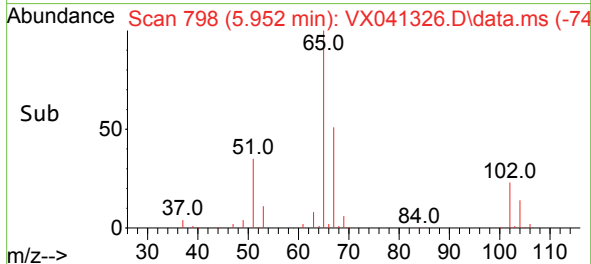
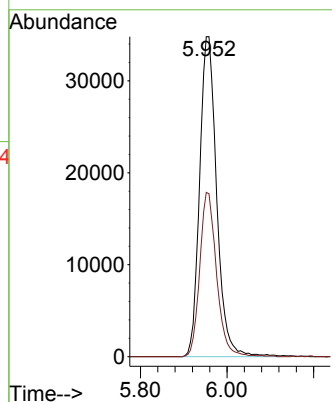
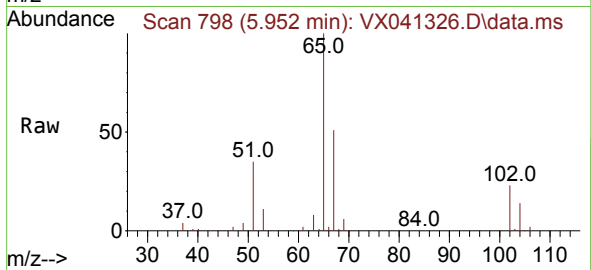
ClientSampleId :

Tgt Ion: 65 Resp: 95214

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041326.D

Acq: 01 May 2024 15:07

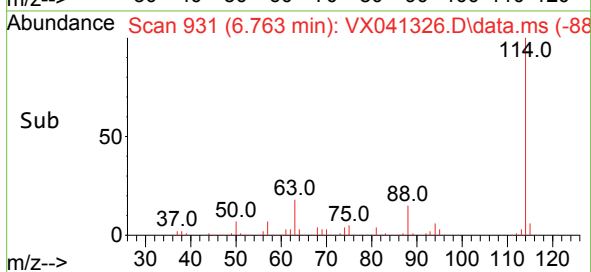
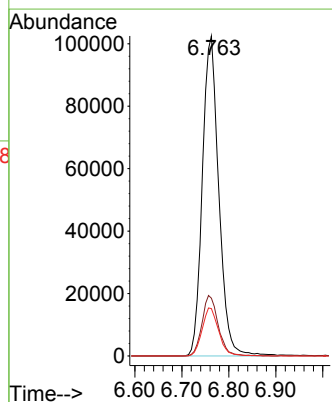
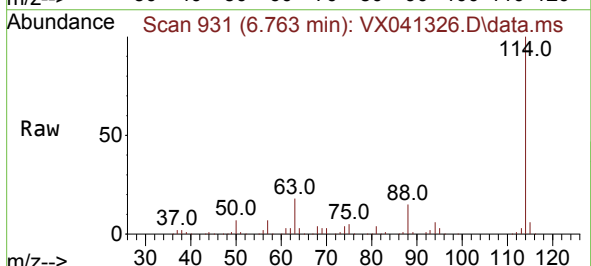
Tgt Ion: 114 Resp: 248744

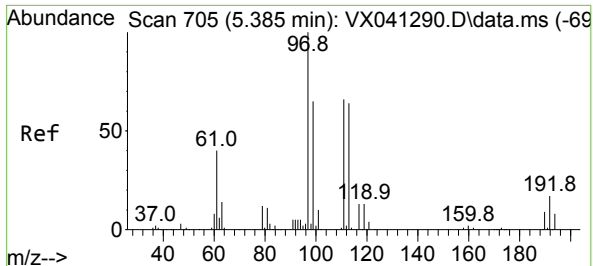
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

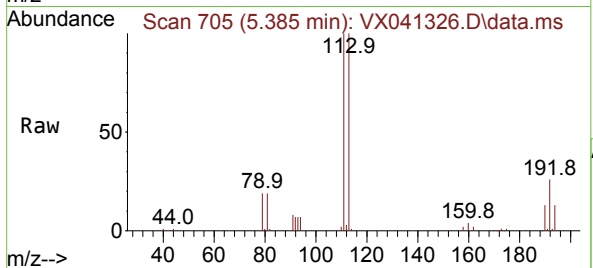
88 14.8 0.0 36.6



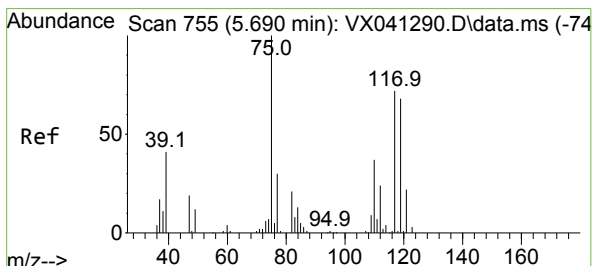
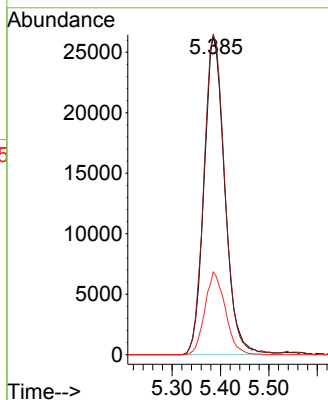
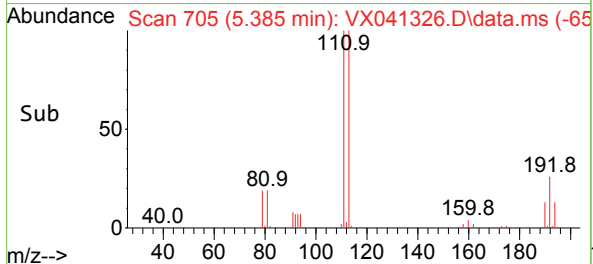


#35
Dibromofluoromethane
Concen: 46.426 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

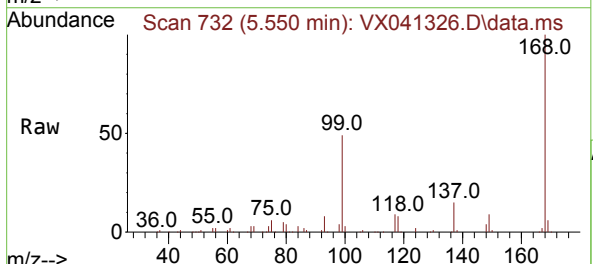
Instrument :
MSVOA_X
ClientSampleId :



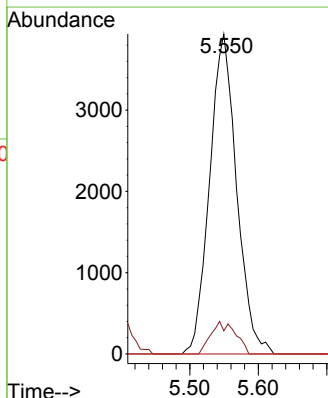
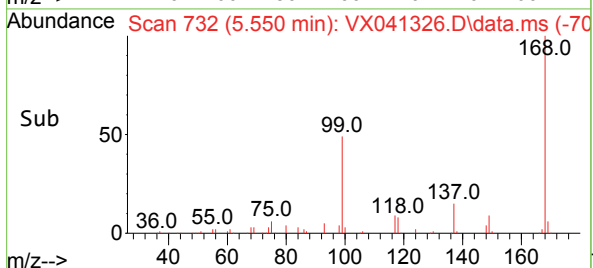
Tgt Ion:113 Resp: 78258
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 25.6 13.3 19.9#

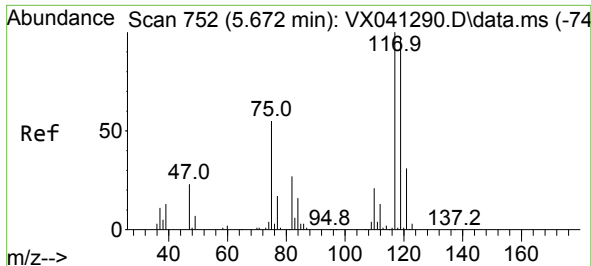


#36
1,1-Dichloropropene
Concen: 5.349 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07



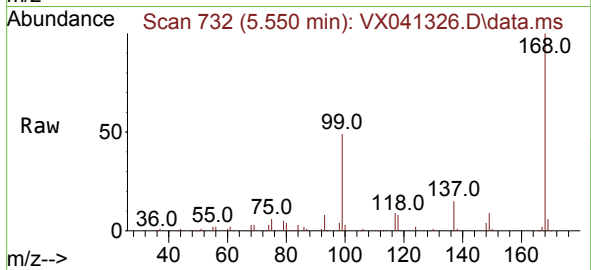
Tgt Ion: 75 Resp: 10782
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



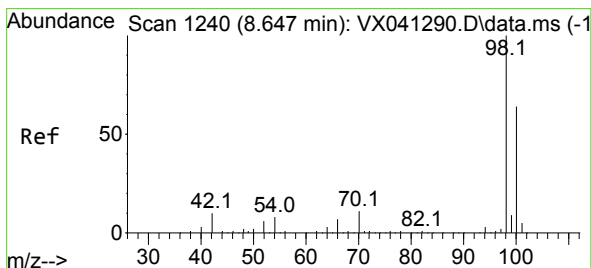
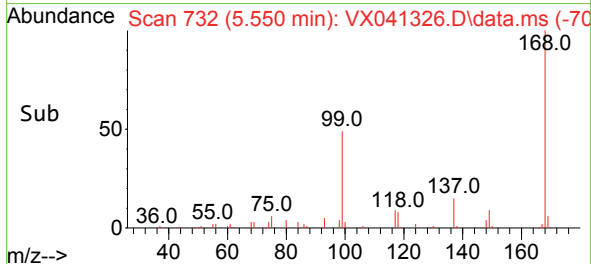
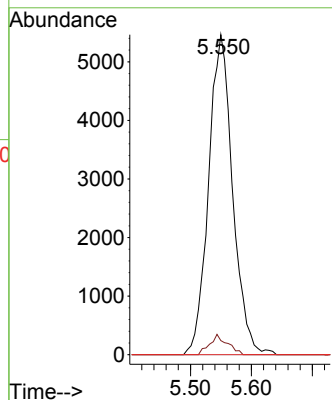


#38
Carbon Tetrachloride
Concen: 6.507 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

Instrument :
MSVOA_X
ClientSampleId :

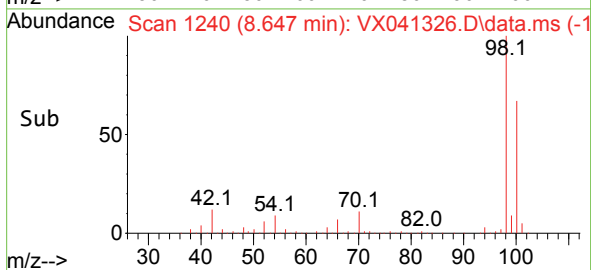
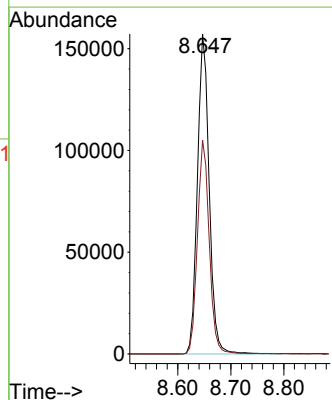
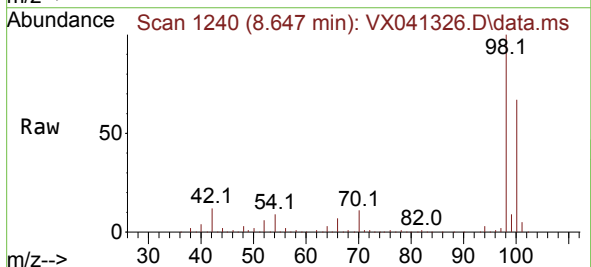


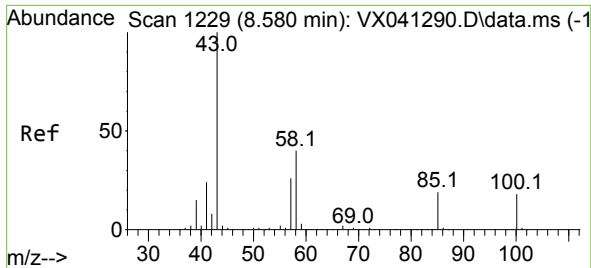
Tgt Ion:117 Resp: 15025
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.502 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

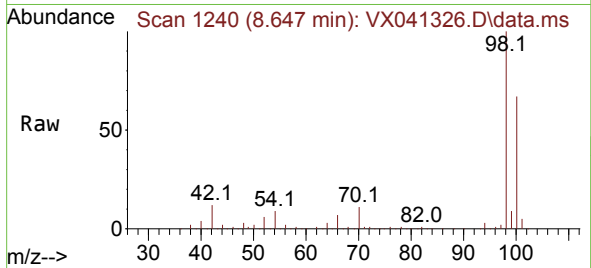
Tgt Ion: 98 Resp: 242764
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



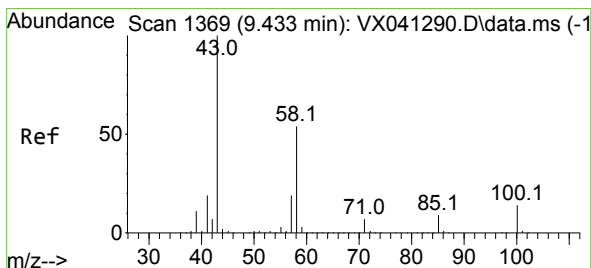
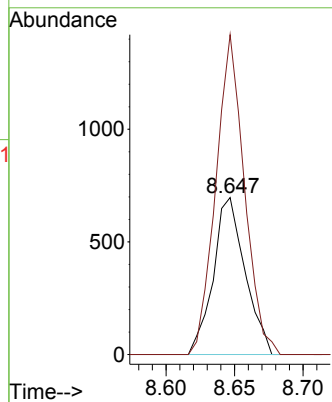
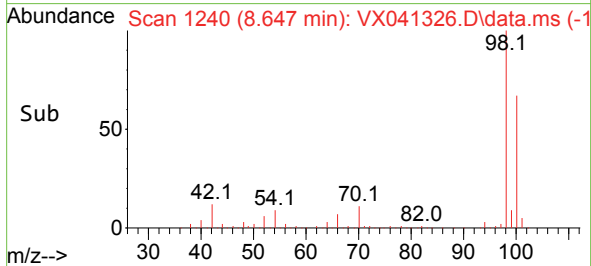


#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.647 min Scan# 1126
Delta R.T. 0.067 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

Instrument :
MSVOA_X
ClientSampleId :

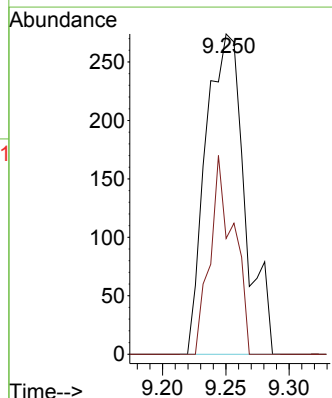
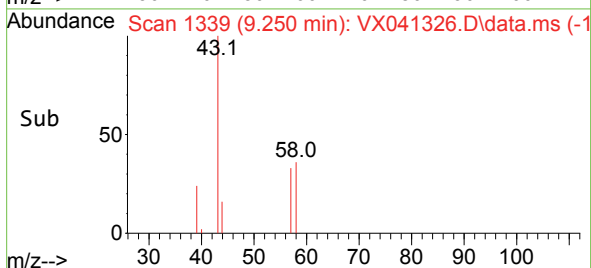
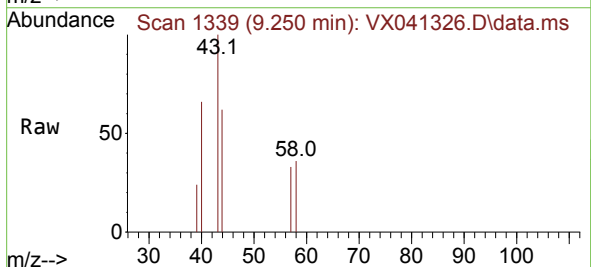


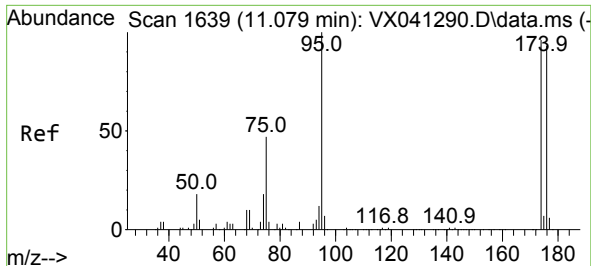
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 182.9 30.4 45.6#



#59
2-Hexanone
Concen: 0.323 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. -0.183 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

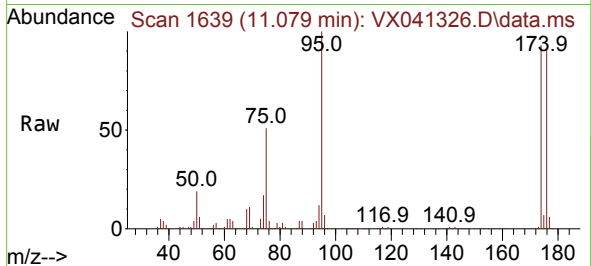
Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
58 37.5 26.2 78.5



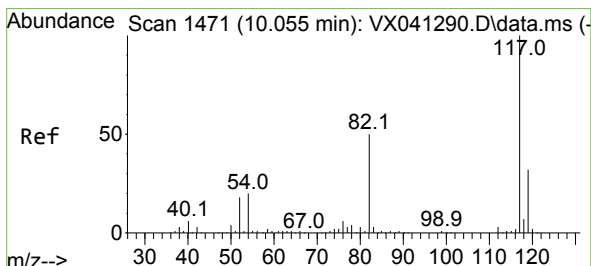
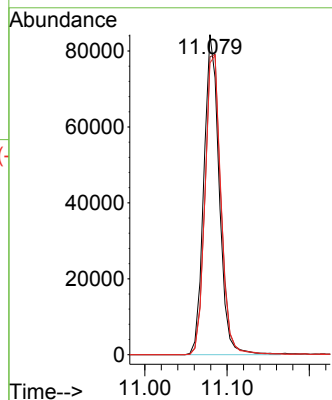
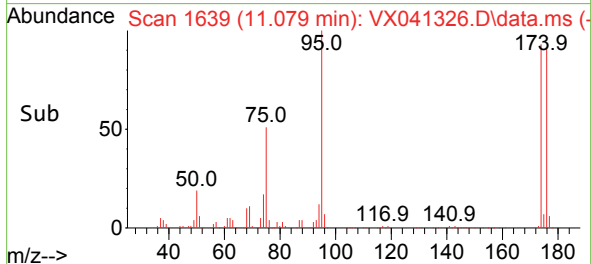


#62
4-Bromofluorobenzene
Concen: 52.842 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

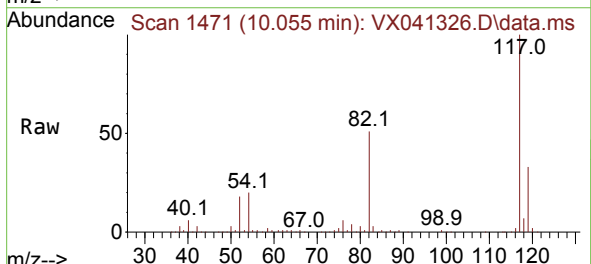
Instrument :
MSVOA_X
ClientSampleId :



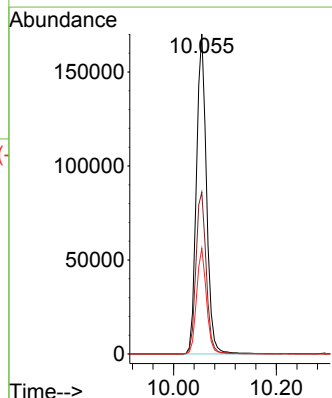
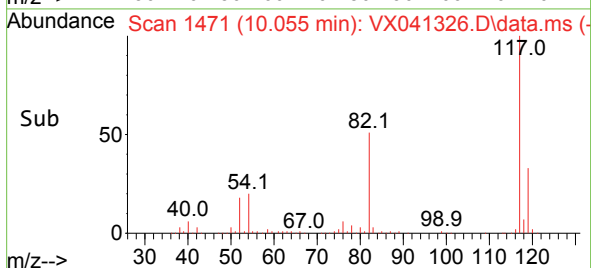
Tgt Ion: 95 Resp: 109135
Ion Ratio Lower Upper
95 100
174 98.2 0.0 135.6
176 97.2 0.0 131.0

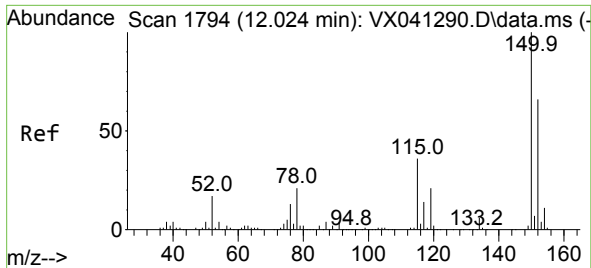


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07



Tgt Ion: 117 Resp: 232760
Ion Ratio Lower Upper
117 100
82 50.5 46.2 69.4
119 33.0 25.5 38.3

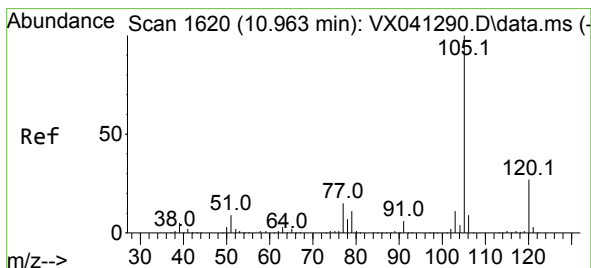
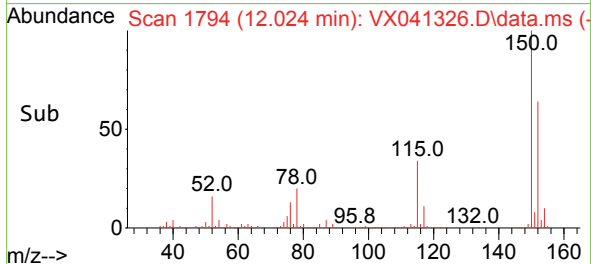
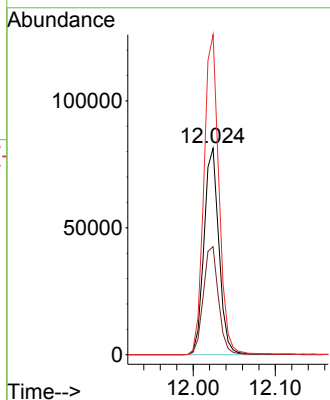
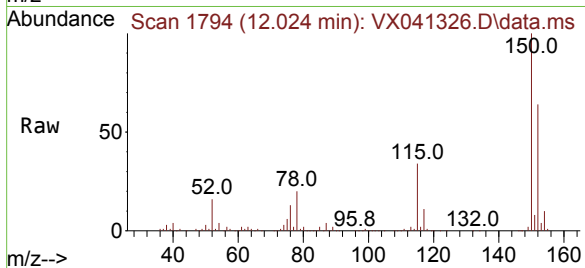




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041326.D
 Acq: 01 May 2024 15:07

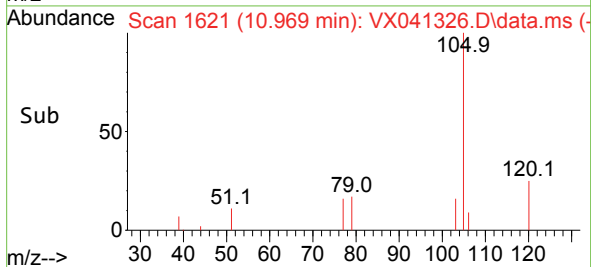
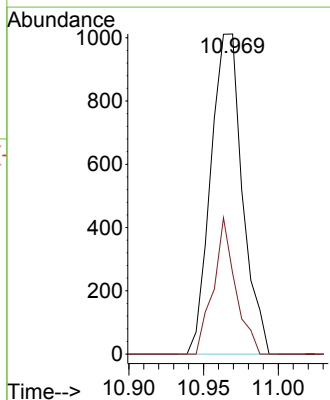
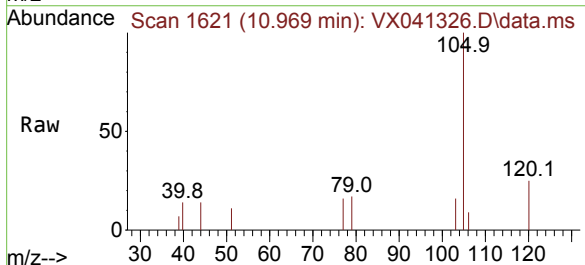
Instrument :
 MSVOA_X
 ClientSampleId :

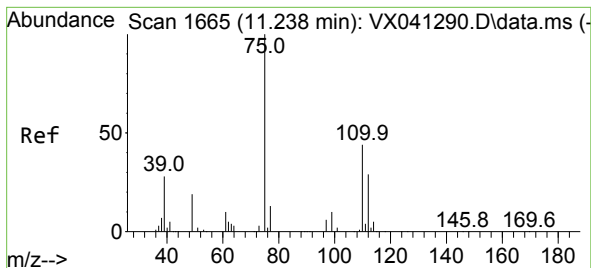
Tgt Ion:152 Resp: 102777
 Ion Ratio Lower Upper
 152 100
 115 53.2 43.3 129.9
 150 156.2 0.0 345.0



#73
 Isopropylbenzene
 Concen: 0.238 ug/l
 RT: 10.969 min Scan# 1621
 Delta R.T. 0.006 min
 Lab File: VX041326.D
 Acq: 01 May 2024 15:07

Tgt Ion:105 Resp: 1491
 Ion Ratio Lower Upper
 105 100
 120 29.7 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 33.103 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041326.D

Acq: 01 May 2024 15:07

Instrument :

MSVOA_X

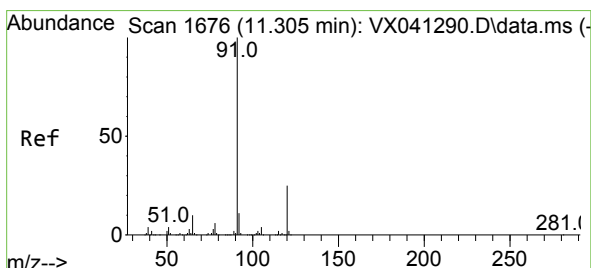
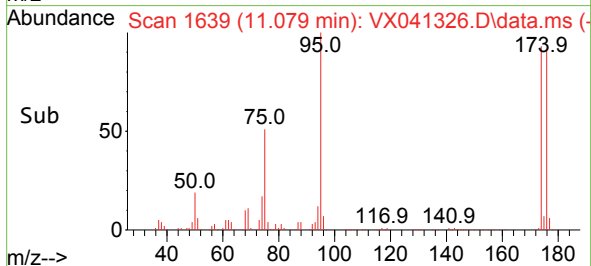
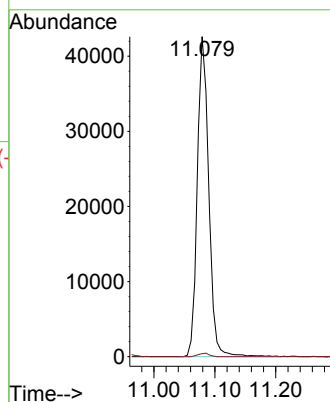
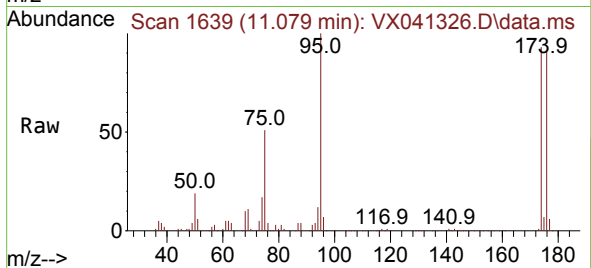
ClientSampleId :

Tgt Ion: 75 Resp: 55445

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#78

n-propylbenzene

Concen: 0.718 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041326.D

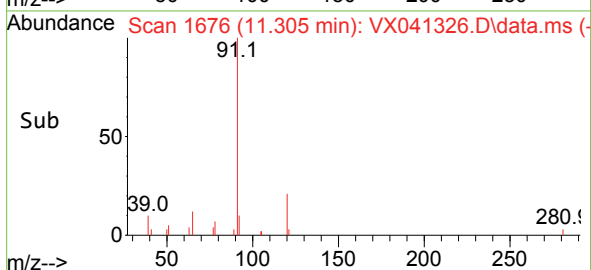
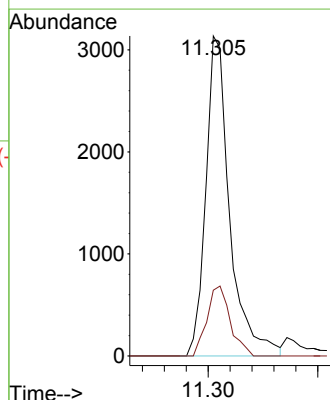
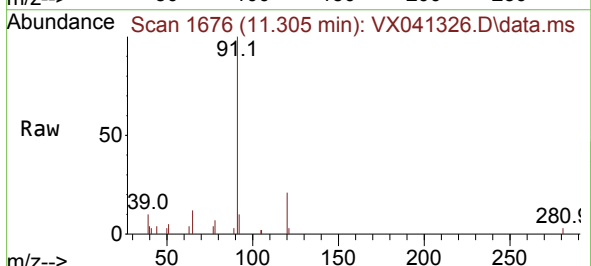
Acq: 01 May 2024 15:07

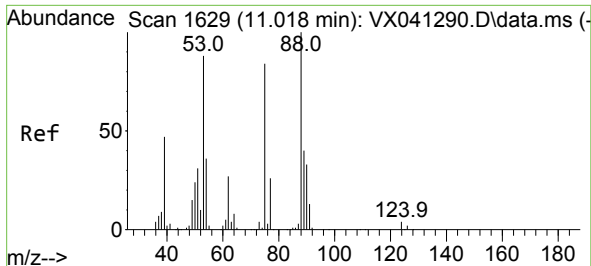
Tgt Ion: 91 Resp: 4728

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4

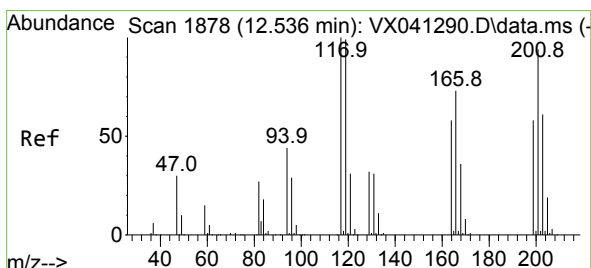
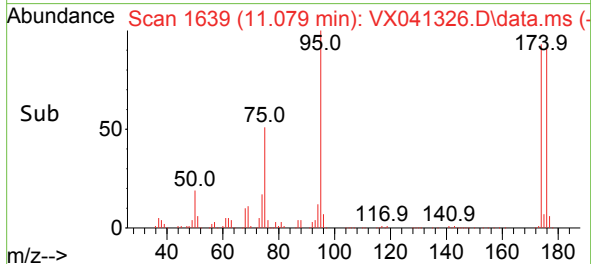
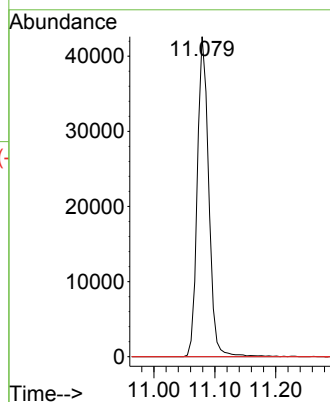
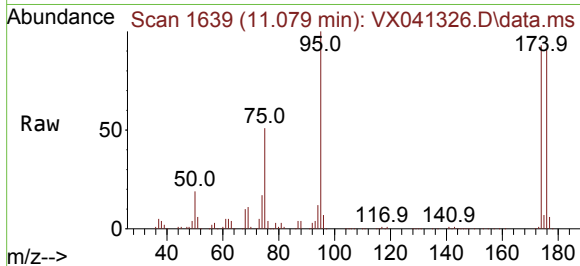




#81
trans-1,4-Dichloro-2-butene
Concen: 90.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

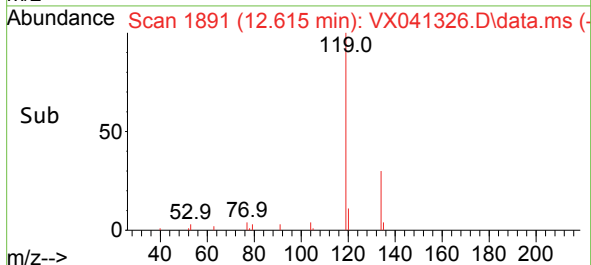
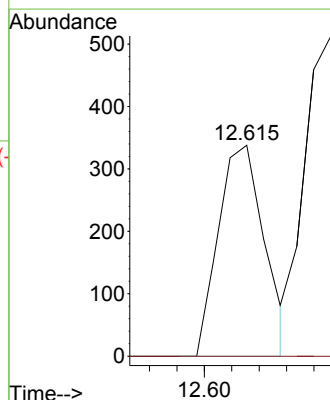
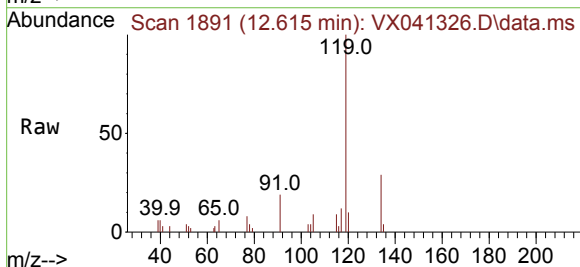
Instrument :
MSVOA_X
ClientSampleId :

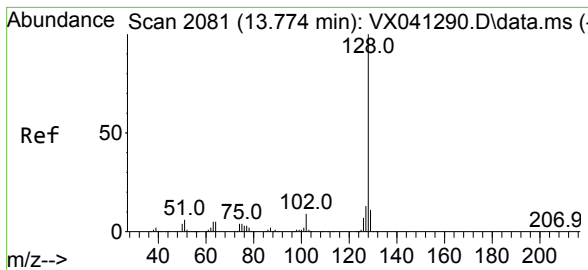
Tgt Ion: 75 Resp: 55445
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#90
Hexachloroethane
Concen: 0.417 ug/l
RT: 12.615 min Scan# 1891
Delta R.T. 0.079 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

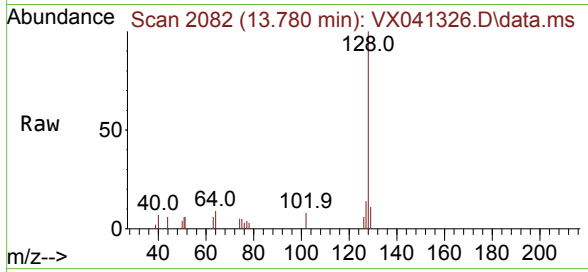
Tgt Ion: 117 Resp: 393
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#95
Naphthalene
Concen: 0.539 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041326.D
Acq: 01 May 2024 15:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	3792
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.3	15.5
129	10.8	8.8	13.2

