

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041330.D
 Acq On : 01 May 2024 16:39
 Operator : JC/MD
 Sample : P2264-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 03:13:32 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)

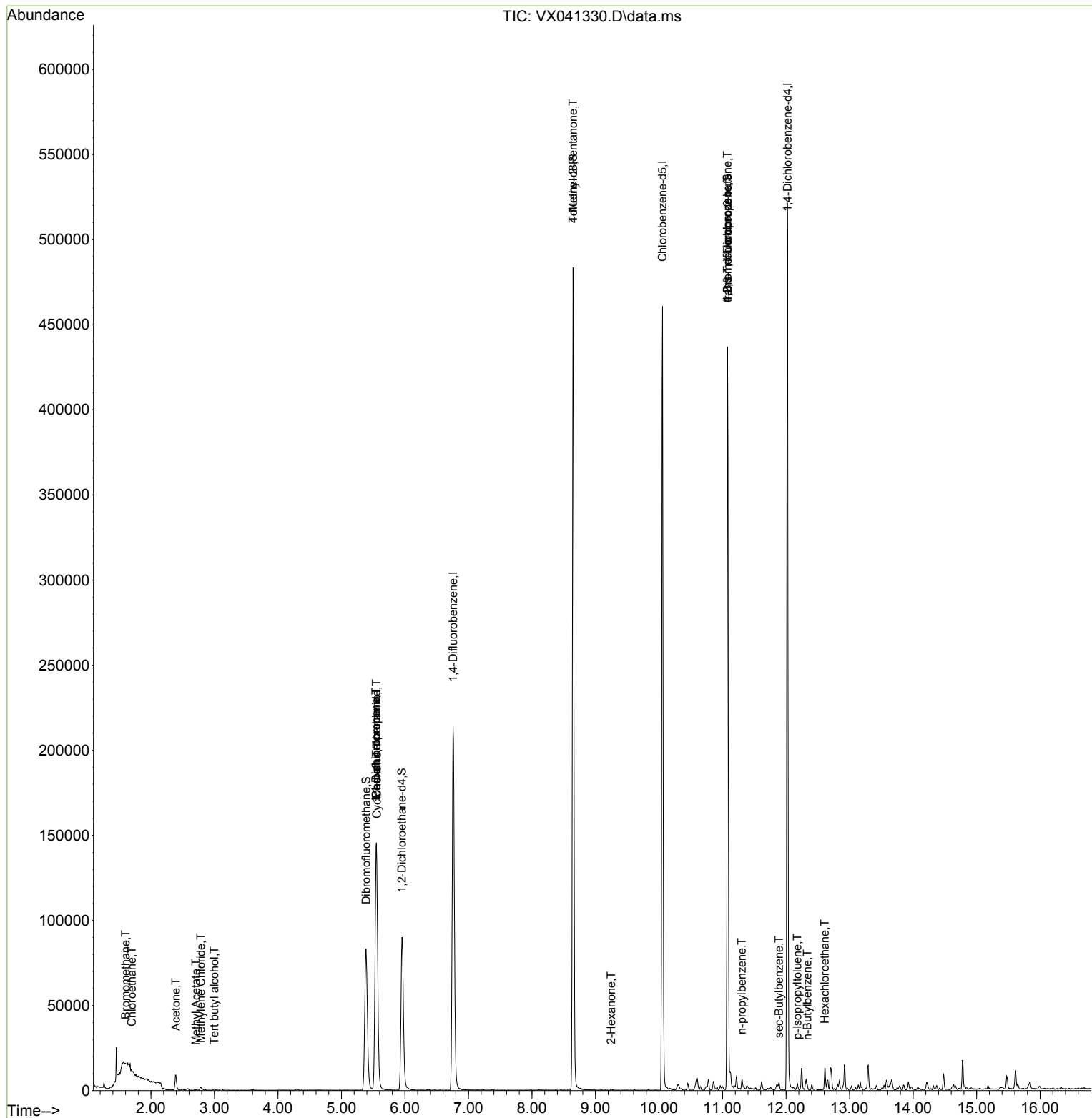
Internal Standards						
1) Pentafluorobenzene	5.550	168	155567	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	229774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91578	54.074	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 108.140%		
35) Dibromofluoromethane	5.385	113	71418	45.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 91.740%		
50) Toluene-d8	8.647	98	284679	57.763	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 115.520%#		
62) 4-Bromofluorobenzene	11.079	95	109776	57.540	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 115.080%		
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	187	0.237	ug/l	93
6) Chloroethane	1.697	64	6195	10.581	ug/l #	50
11) Tert butyl alcohol	2.995	59	1162	3.428	ug/l #	78
16) Acetone	2.392	43	10856	10.814	ug/l	93
18) Methyl Acetate	2.709	43	575	0.332	ug/l #	61
20) Methylene Chloride	2.788	84	826	0.562	ug/l #	84
31) Cyclohexane	5.556	56	2733	1.337	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9427	5.063	ug/l #	52
38) Carbon Tetrachloride	5.550	117	13228	6.202	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1302	0.621	ug/l #	1
59) 2-Hexanone	9.244	43	464	0.277	ug/l #	59
76) 1,2,3-Trichloropropane	11.079	75	54063	27.553	ug/l #	39
78) n-propylbenzene	11.305	91	4712	0.610	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	54063	75.052	ug/l #	5
85) sec-Butylbenzene	11.890	105	2269	0.309	ug/l	97
86) p-Isopropyltoluene	12.177	119	1807	0.274	ug/l	95
89) n-Butylbenzene	12.335	91	1358	0.256	ug/l #	70
90) Hexachloroethane	12.610	117	674	0.610	ug/l #	17

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

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Sample : P2264-20
Misc : 5.0mL/MSVOA_X/WATER
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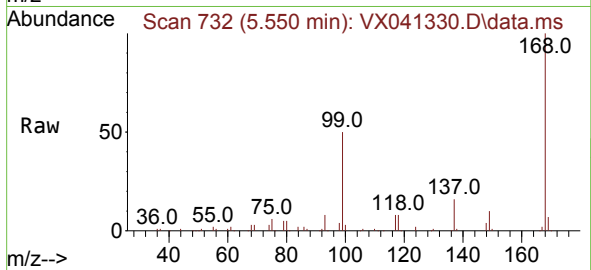
Quant Time: May 02 03:13:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



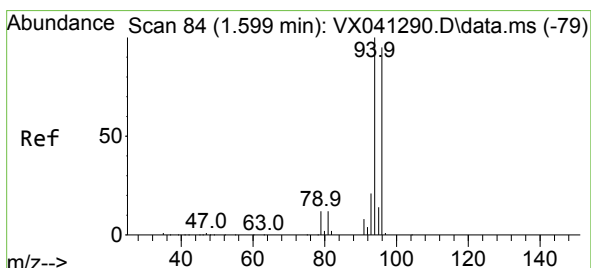
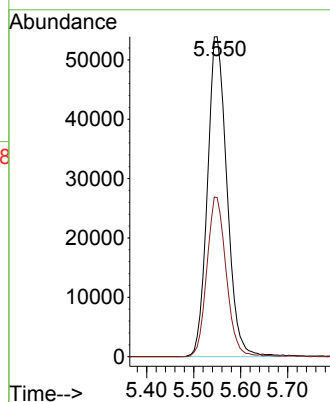
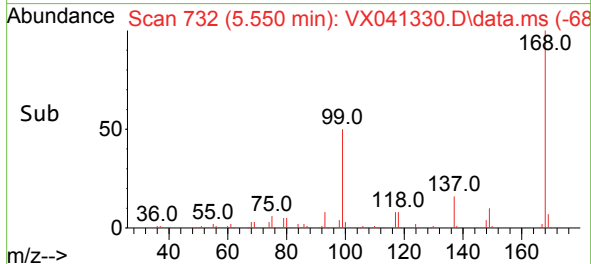


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

Instrument :
MSVOA_X
ClientSampleId :

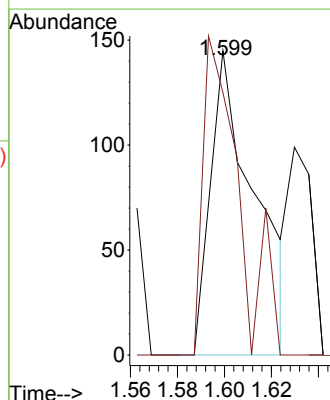
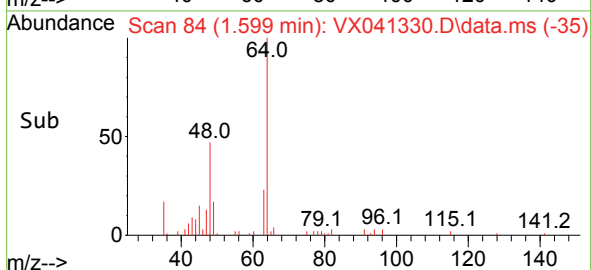
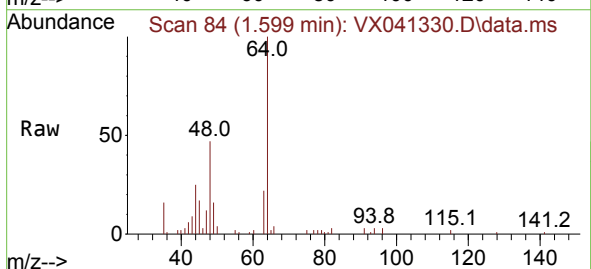


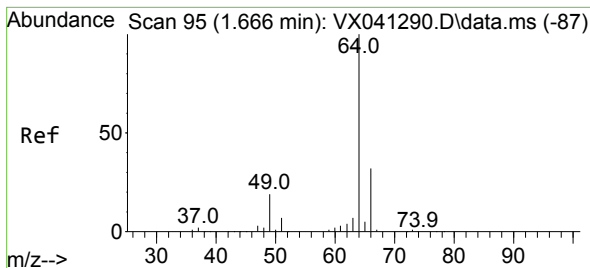
Tgt Ion:168 Resp: 155567
Ion Ratio Lower Upper
168 100
99 49.8 56.6 85.0#



#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 86.2 74.6 111.8





#6

Chloroethane

Concen: 10.581 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.031 min

Lab File: VX041330.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_X

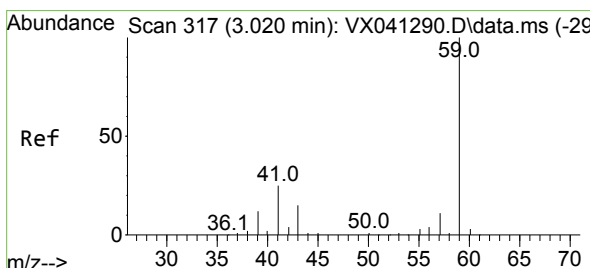
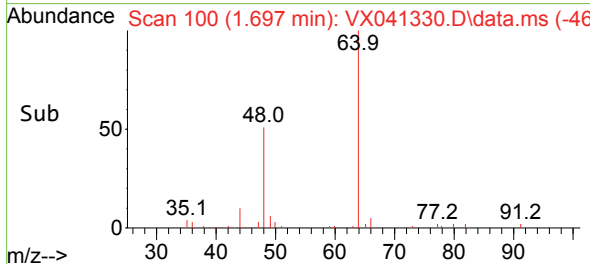
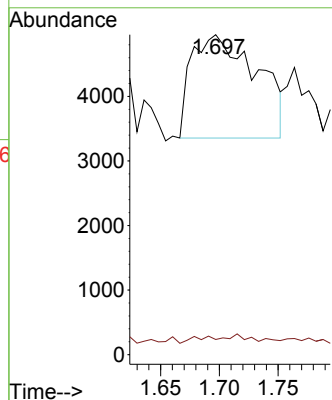
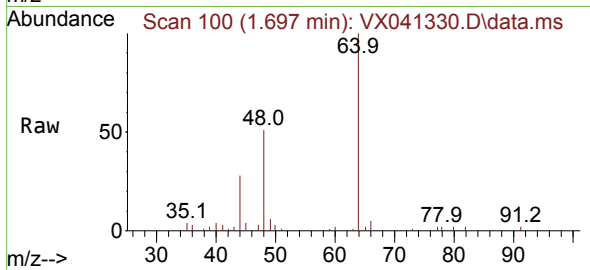
ClientSampleId :

Tgt Ion: 64 Resp: 6195

Ion Ratio Lower Upper

64 100

66 3.7 25.1 37.7#



#11

Tert butyl alcohol

Concen: 3.428 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.024 min

Lab File: VX041330.D

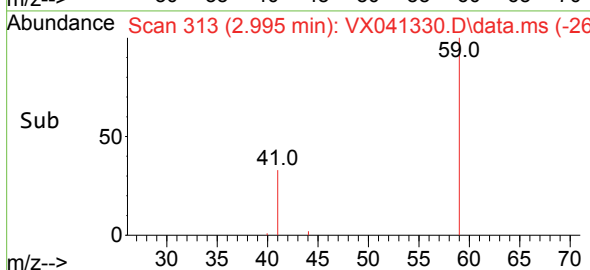
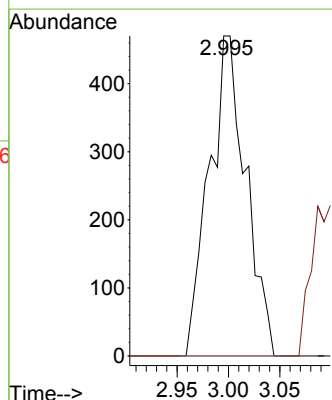
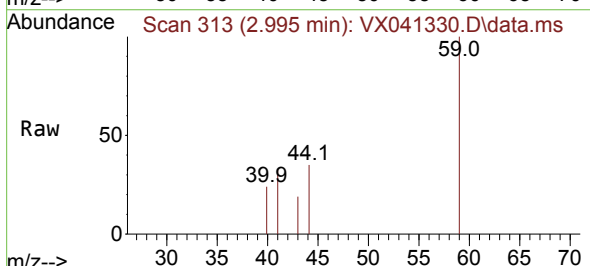
Acq: 01 May 2024 16:39

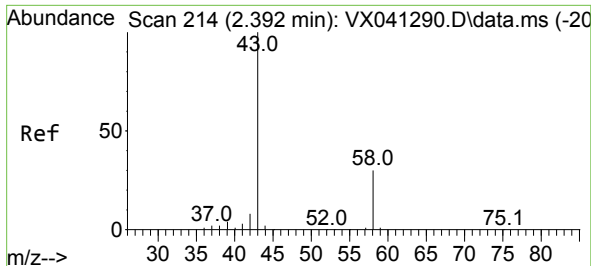
Tgt Ion: 59 Resp: 1162

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

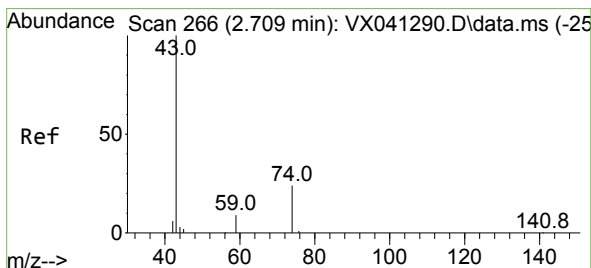
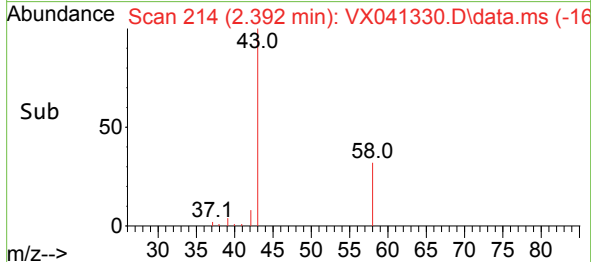
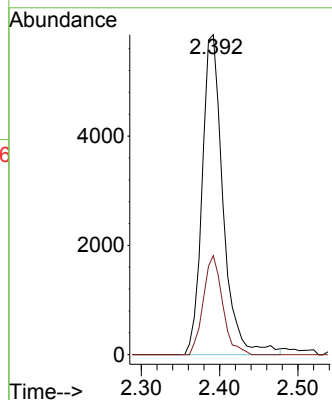
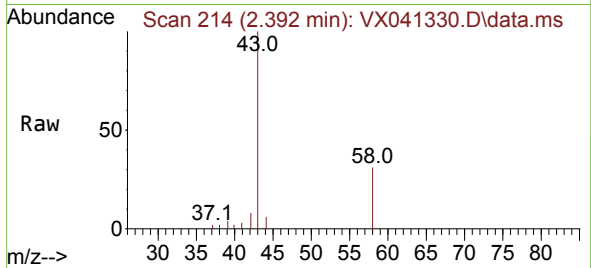




#16
Acetone
Concen: 10.814 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

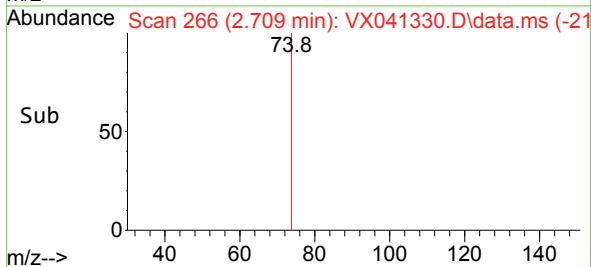
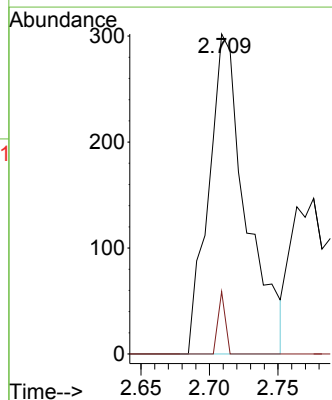
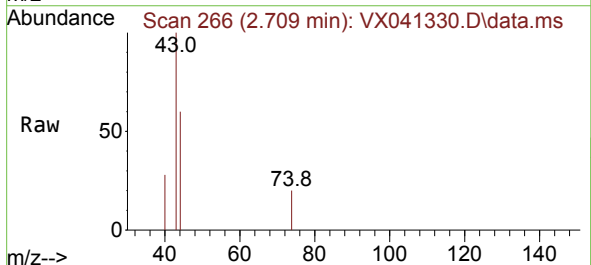
Instrument :
MSVOA_X
ClientSampleId :

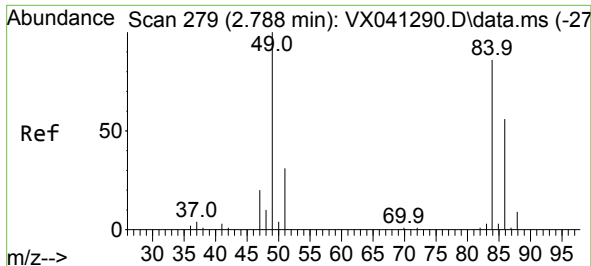
Tgt Ion: 43 Resp: 10856
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9



#18
Methyl Acetate
Concen: 0.332 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
74 3.8 17.8 26.8#





#20

Methylene Chloride

Concen: 0.562 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

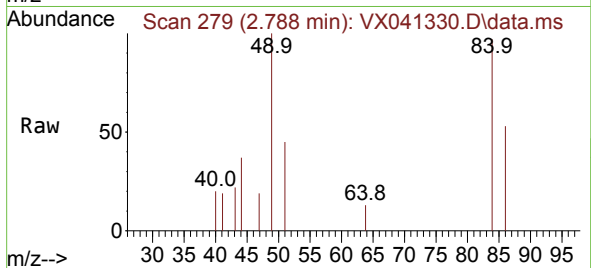
Lab File: VX041330.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 826

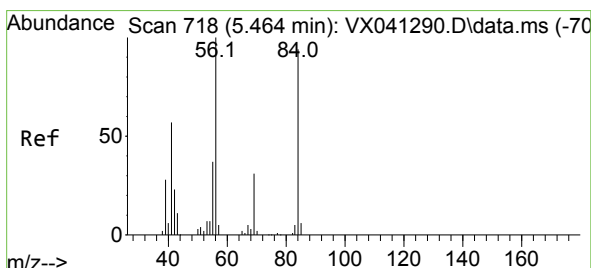
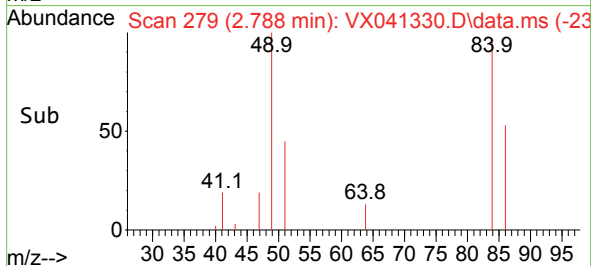
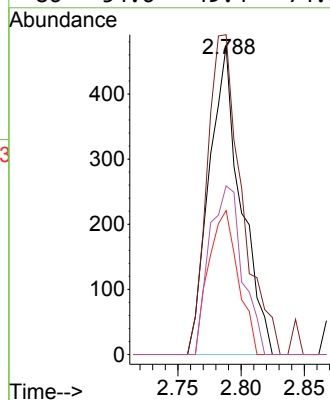
Ion Ratio Lower Upper

84 100

49 103.6 103.6 155.4#

51 46.6 33.8 50.6

86 54.6 49.4 74.0



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX041330.D

Acq: 01 May 2024 16:39

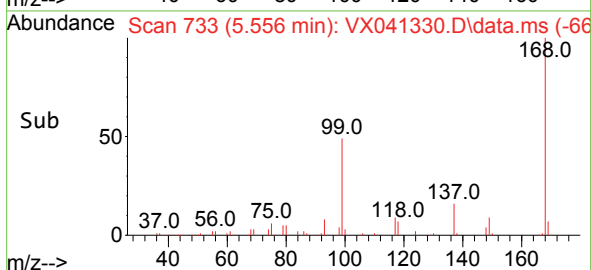
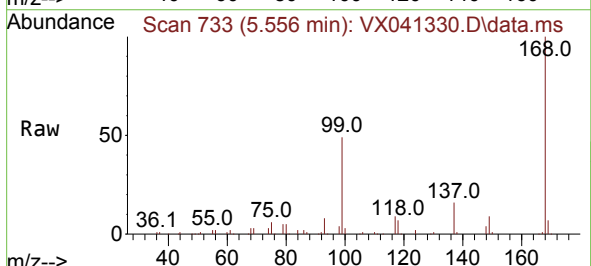
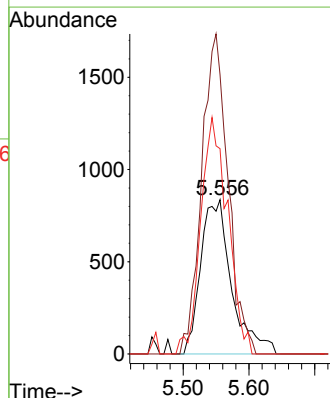
Tgt Ion: 56 Resp: 2733

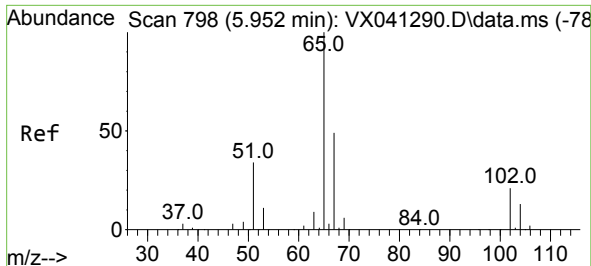
Ion Ratio Lower Upper

56 100

69 181.1 23.4 35.2#

84 133.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 54.074 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041330.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_X

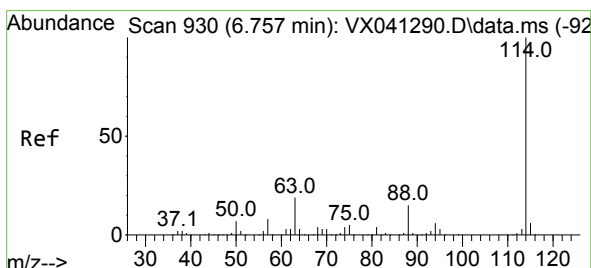
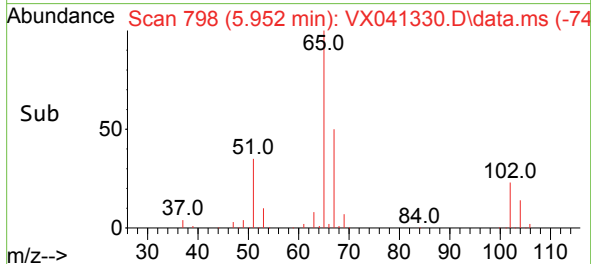
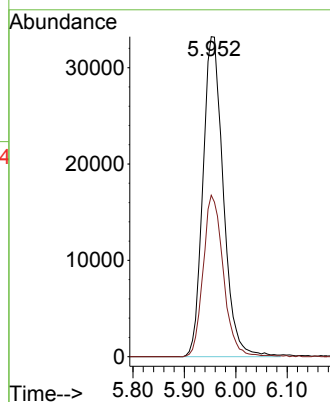
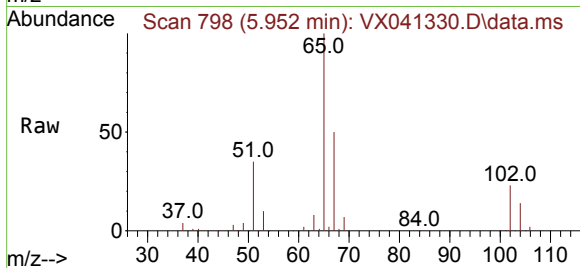
ClientSampleId :

Tgt Ion: 65 Resp: 91578

Ion Ratio Lower Upper

65 100

67 49.9 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: VX041330.D

Acq: 01 May 2024 16:39

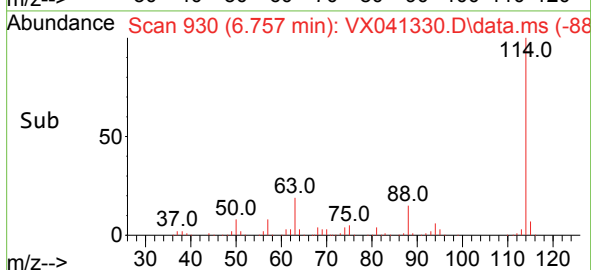
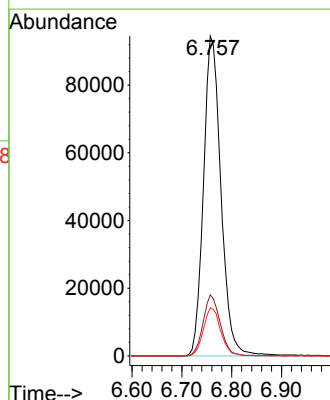
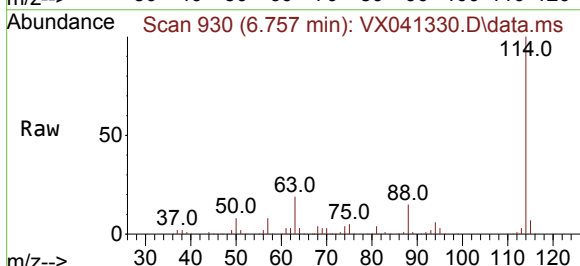
Tgt Ion: 114 Resp: 229774

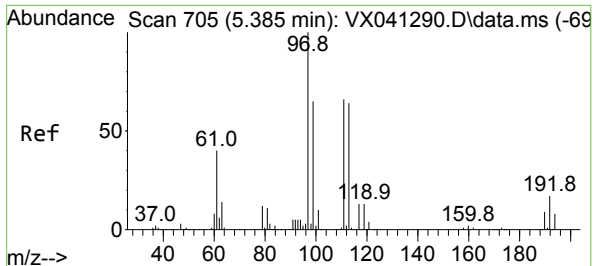
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

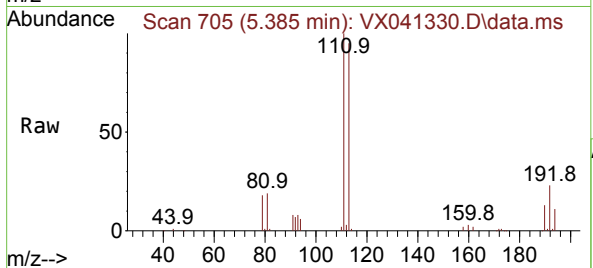
88 15.0 0.0 36.6



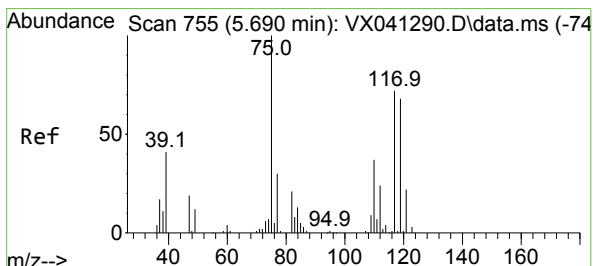
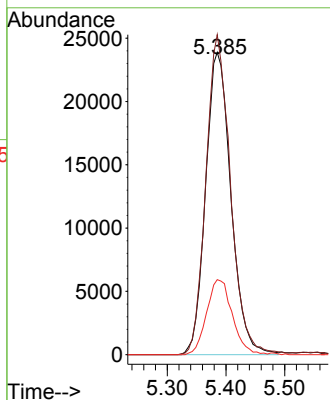
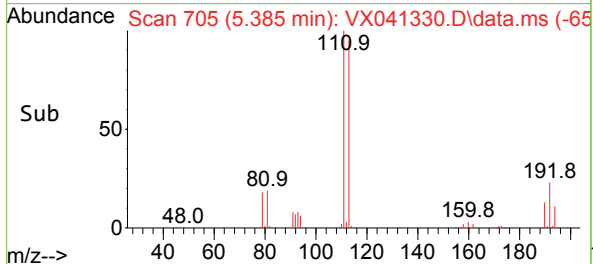


#35
Dibromofluoromethane
Concen: 45.866 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

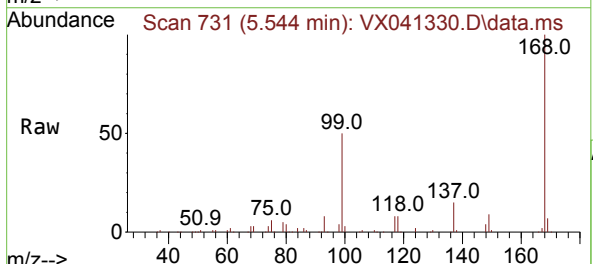
Instrument :
MSVOA_X
ClientSampleId :



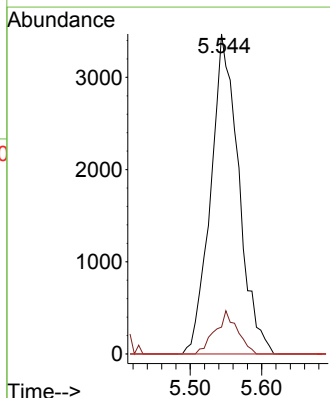
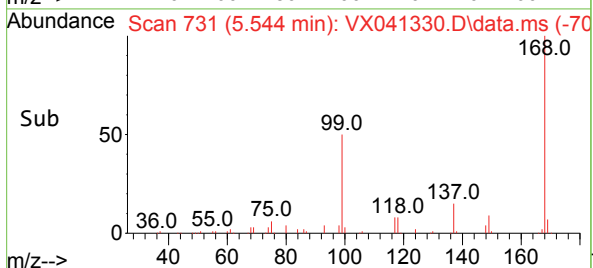
Tgt Ion:113 Resp: 71418
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 25.1 13.3 19.9#

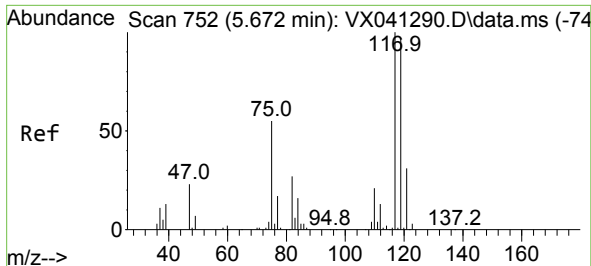


#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39



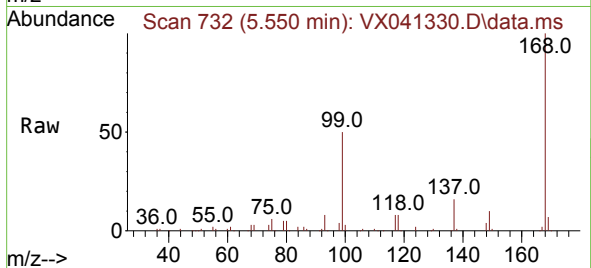
Tgt Ion: 75 Resp: 9427
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#



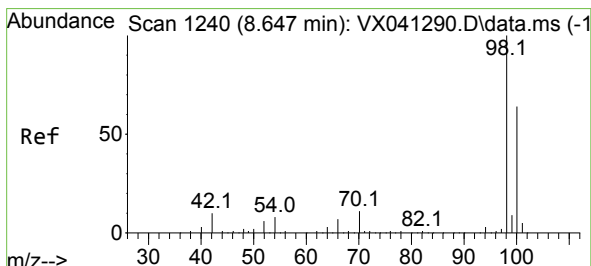
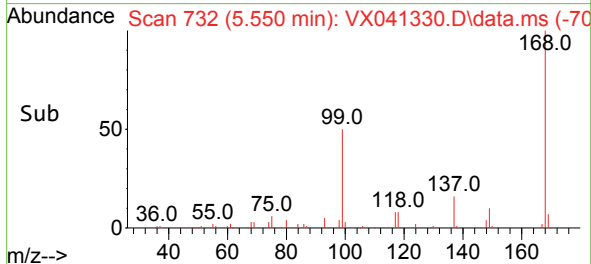
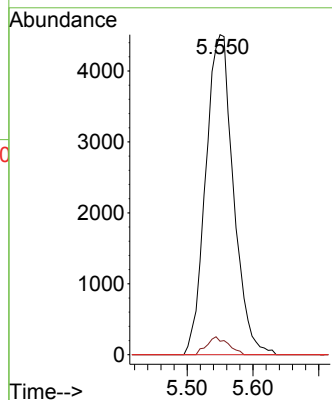


#38
Carbon Tetrachloride
Concen: 6.202 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

Instrument :
MSVOA_X
ClientSampleId :

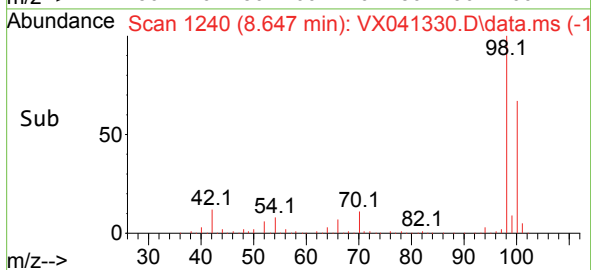
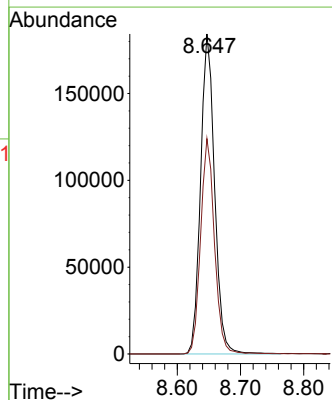
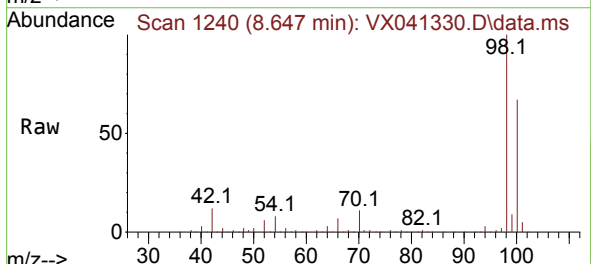


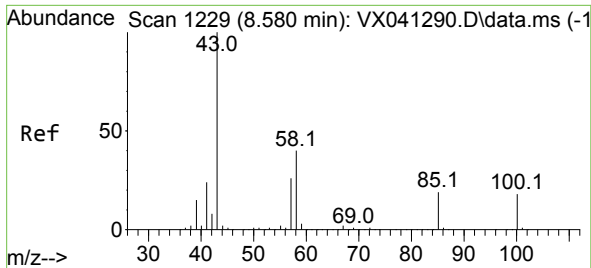
Tgt Ion:117 Resp: 13228
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 57.763 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

Tgt Ion: 98 Resp: 284679
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

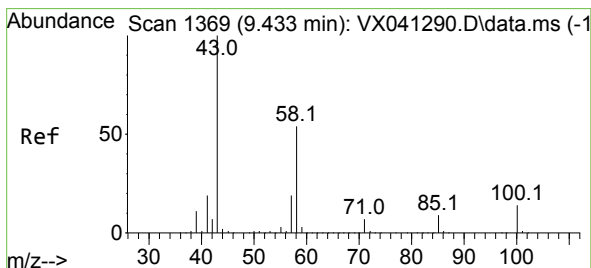
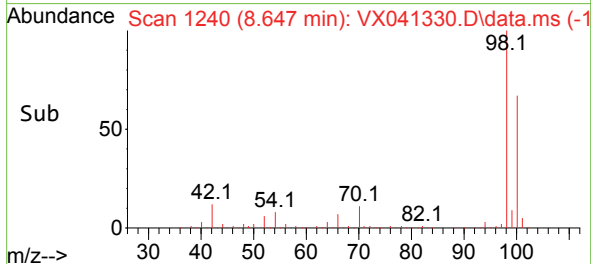
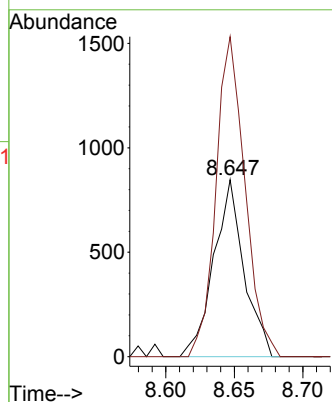
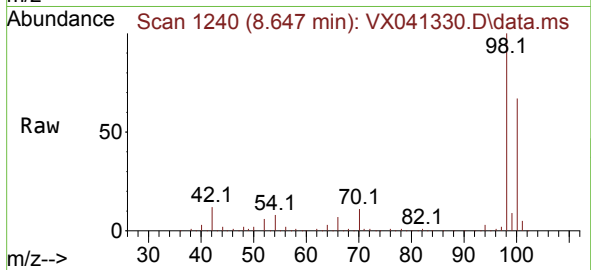




#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

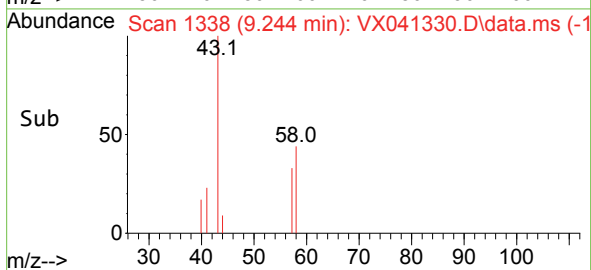
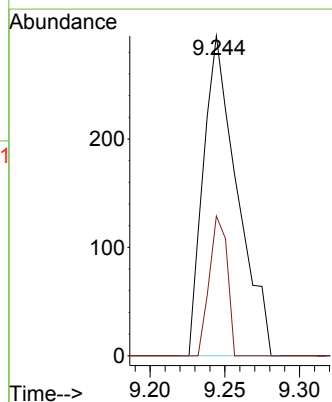
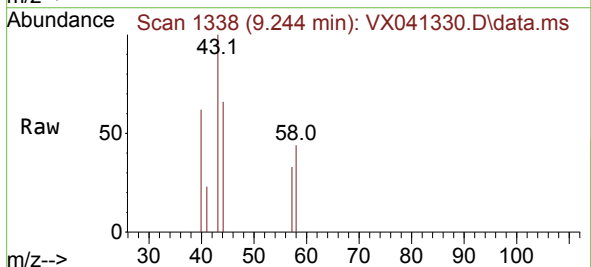
Instrument :
MSVOA_X
ClientSampleId :

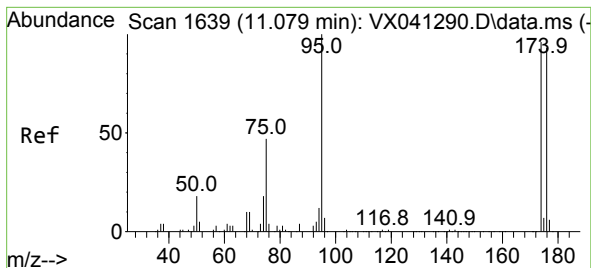
Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
58 173.2 30.4 45.6#



#59
2-Hexanone
Concen: 0.277 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. -0.189 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
58 23.1 26.2 78.5#

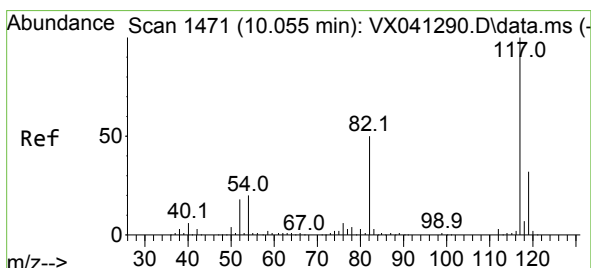
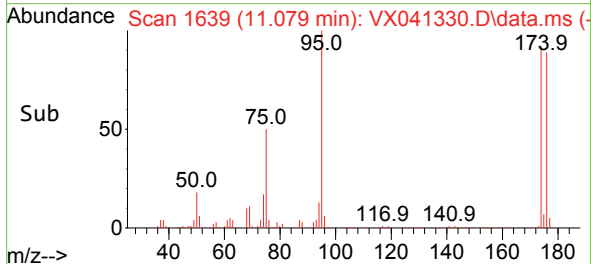
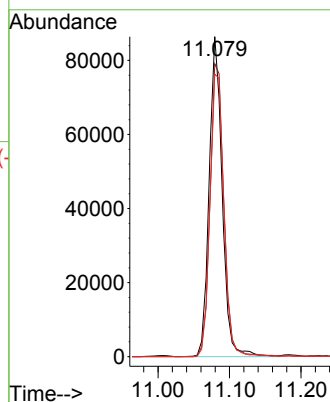
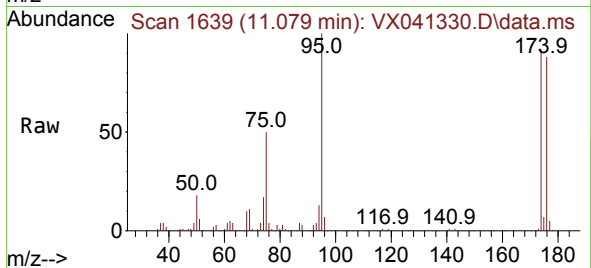




#62
4-Bromofluorobenzene
Concen: 57.540 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

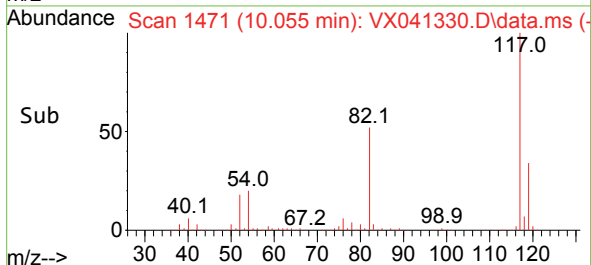
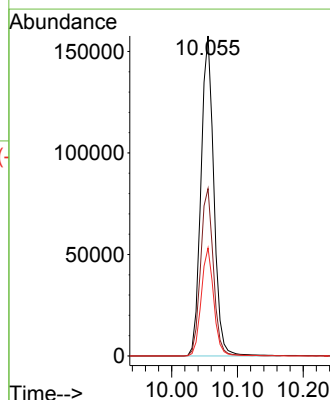
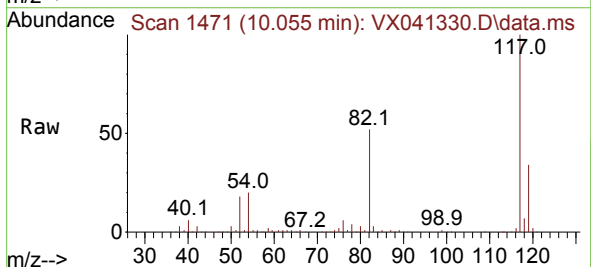
Instrument :
MSVOA_X
ClientSampleId :

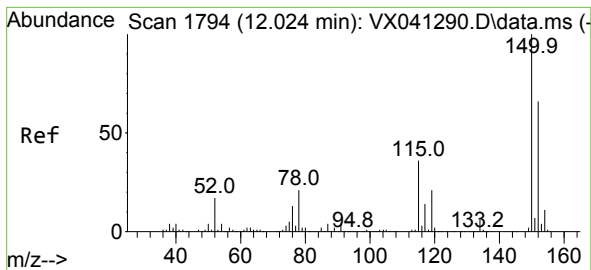
Tgt Ion: 95 Resp: 109776
Ion Ratio Lower Upper
95 100
174 96.1 0.0 135.6
176 94.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

Tgt Ion: 117 Resp: 214775
Ion Ratio Lower Upper
117 100
82 52.3 46.2 69.4
119 33.7 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: VX041330.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_X

ClientSampleId :

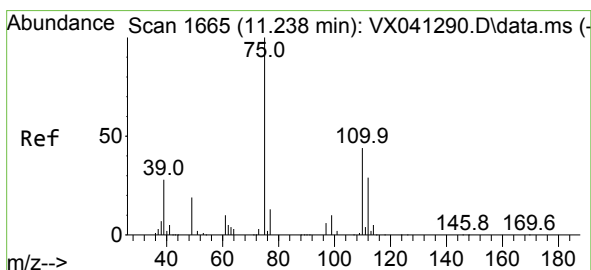
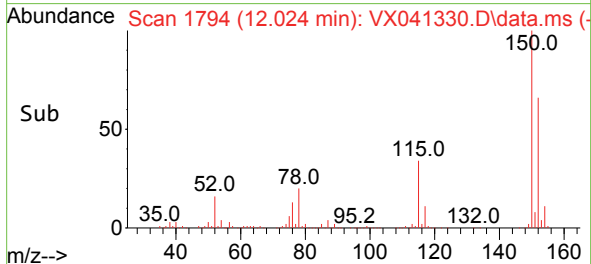
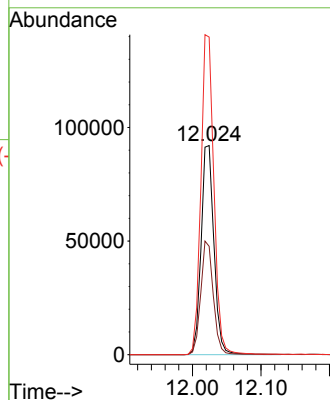
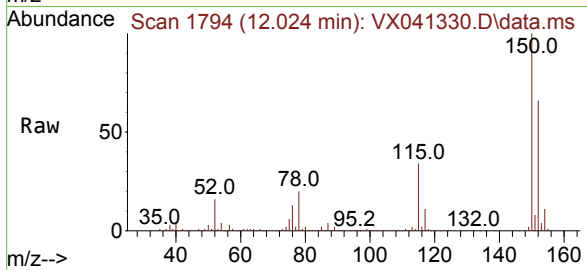
Tgt Ion:152 Resp: 120398

Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 155.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.553 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041330.D

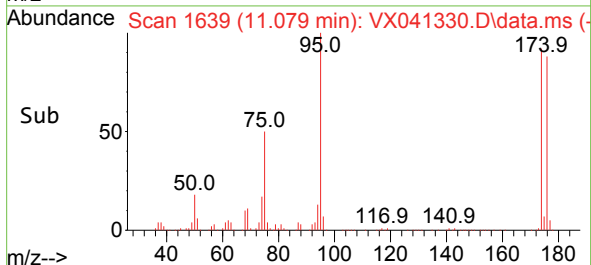
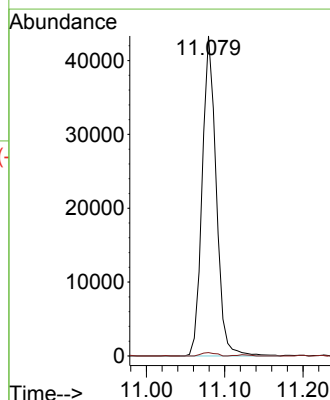
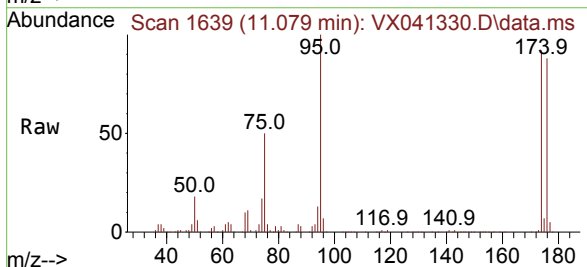
Acq: 01 May 2024 16:39

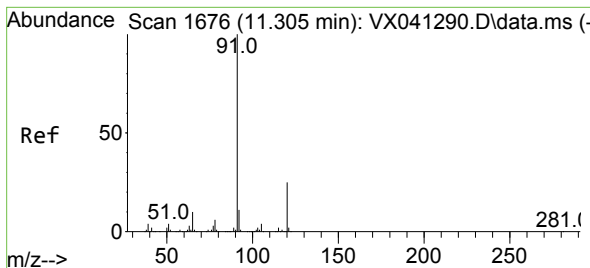
Tgt Ion: 75 Resp: 54063

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#78

n-propylbenzene

Concen: 0.610 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041330.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_X

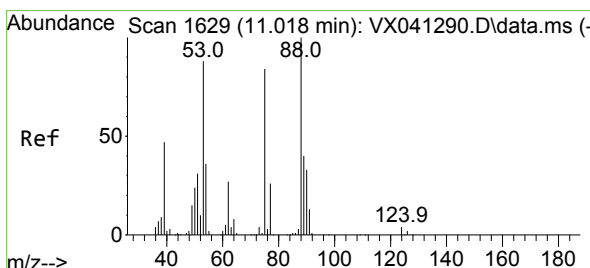
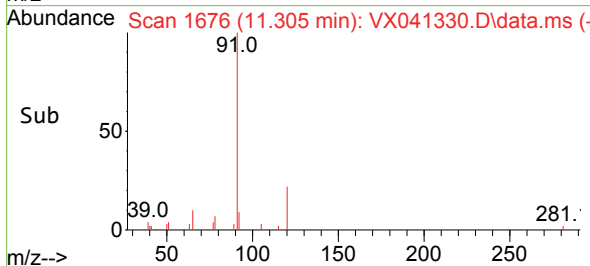
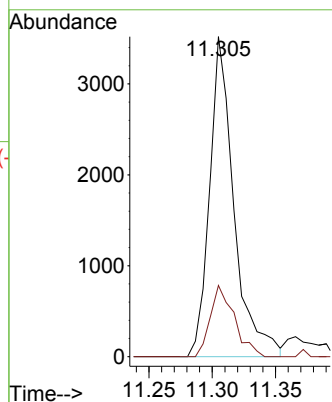
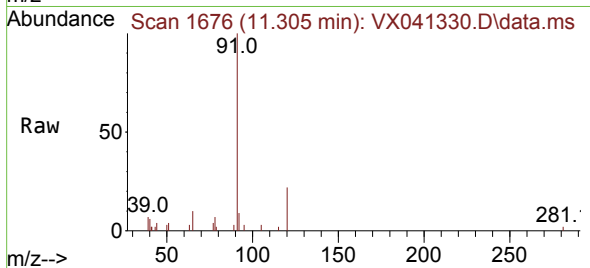
ClientSampleId :

Tgt Ion: 91 Resp: 4712

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4



#81

trans-1,4-Dichloro-2-butene

Concen: 75.052 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041330.D

Acq: 01 May 2024 16:39

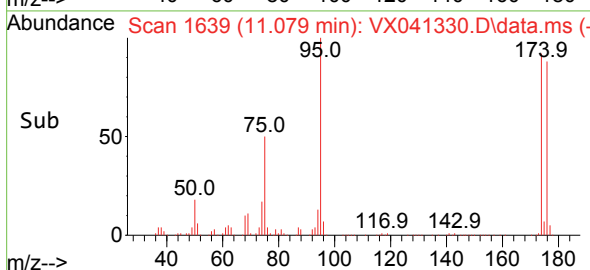
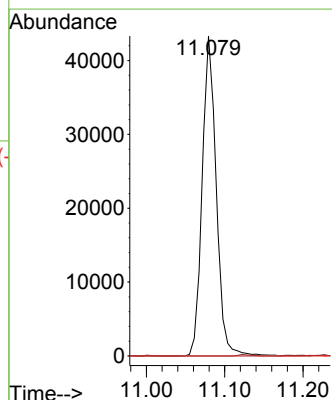
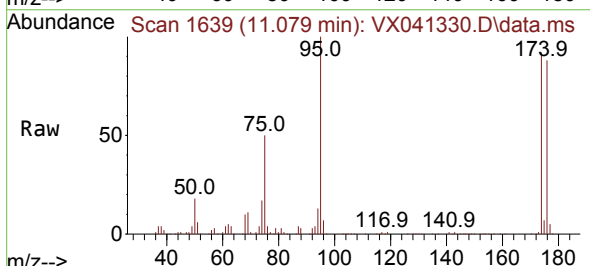
Tgt Ion: 75 Resp: 54063

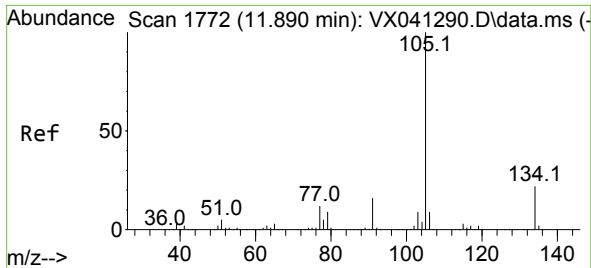
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

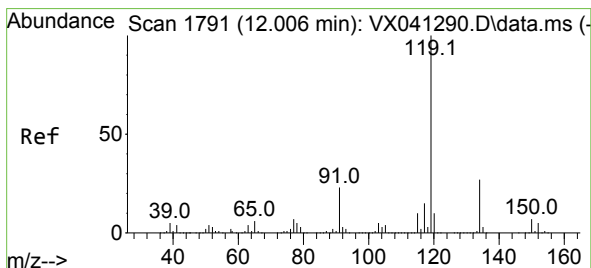
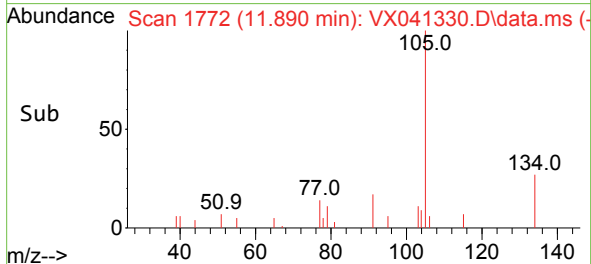
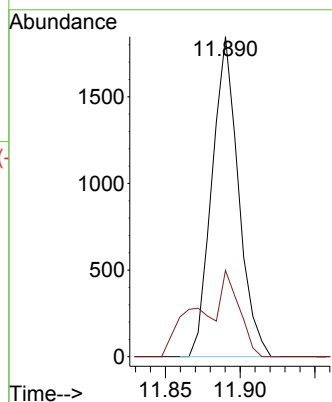
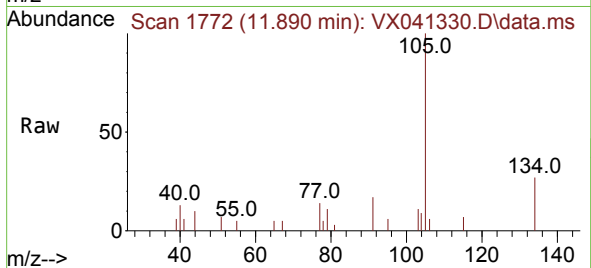




#85
sec-Butylbenzene
Concen: 0.309 ug/l
RT: 11.890 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

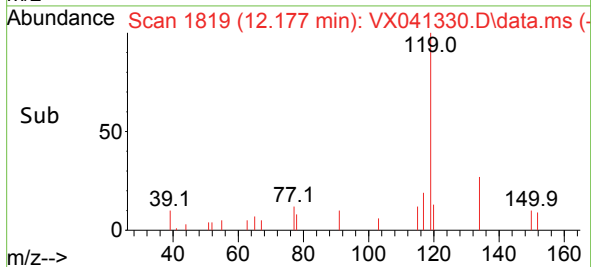
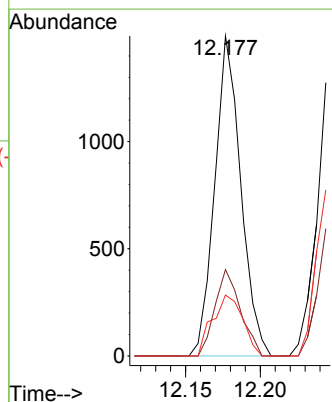
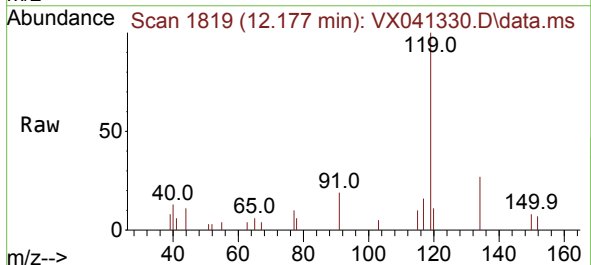
Instrument :
MSVOA_X
ClientSampleId :

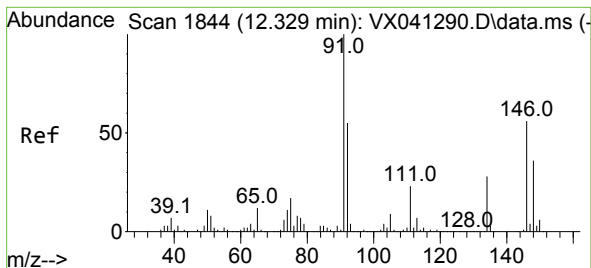
Tgt Ion:105 Resp: 2269
Ion Ratio Lower Upper
105 100
134 18.0 9.8 29.4



#86
p-Isopropyltoluene
Concen: 0.274 ug/l
RT: 12.177 min Scan# 1819
Delta R.T. 0.171 min
Lab File: VX041330.D
Acq: 01 May 2024 16:39

Tgt Ion:119 Resp: 1807
Ion Ratio Lower Upper
119 100
134 26.4 12.8 38.3
91 22.1 13.1 39.3





#89

n-Butylbenzene

Concen: 0.256 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041330.D

Acq: 01 May 2024 16:39

Instrument :

MSVOA_X

ClientSampleId :

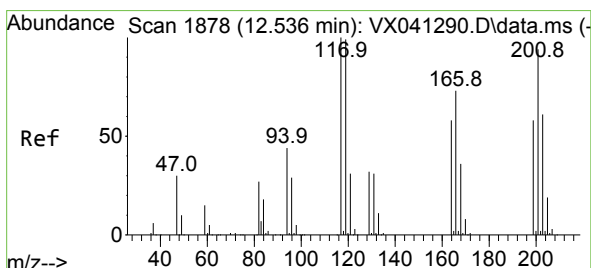
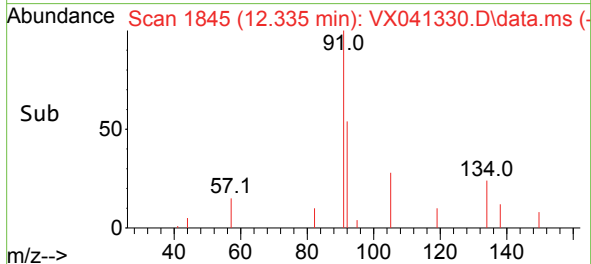
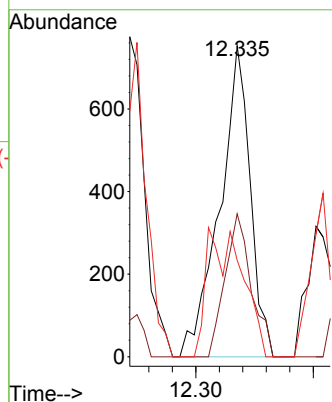
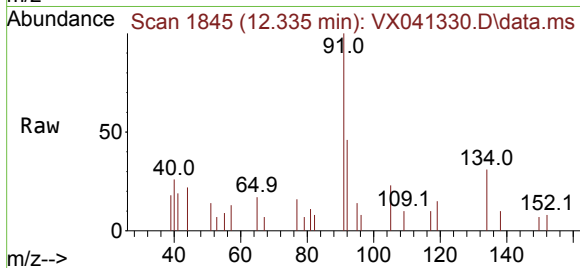
Tgt Ion: 91 Resp: 1358

Ion Ratio Lower Upper

91 100

92 39.5 27.4 82.0

134 0.0 12.6 37.8#



#90

Hexachloroethane

Concen: 0.610 ug/l

RT: 12.610 min Scan# 1890

Delta R.T. 0.073 min

Lab File: VX041330.D

Acq: 01 May 2024 16:39

Tgt Ion: 117 Resp: 674

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

