

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041407.D
 Acq On : 07 May 2024 15:26
 Operator : JC/MD
 Sample : P2389-03 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 08 02:01:42 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)

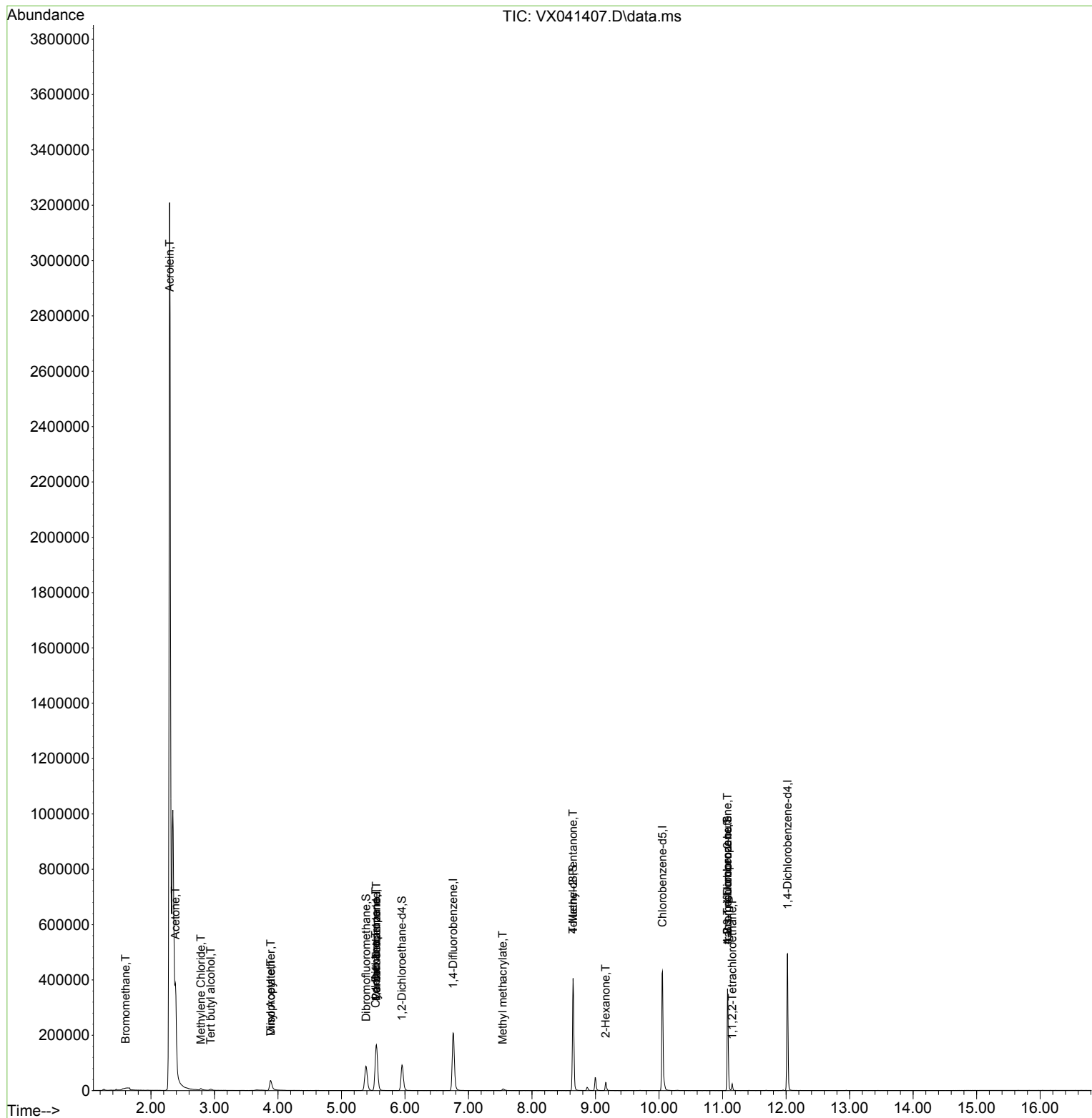
Internal Standards						
1) Pentafluorobenzene	5.550	168	178265	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	226351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91987	47.400	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.800%	
35) Dibromofluoromethane	5.385	113	76334	49.764	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.520%	
50) Toluene-d8	8.647	98	237250	48.867	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.740%	
62) 4-Bromofluorobenzene	11.079	95	89405	47.571	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.140%	
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	443	0.489	ug/l	86
11) Tert butyl alcohol	2.940	59	2651	6.825	ug/l #	89
13) Acrolein	2.294	56	27342	88.730	ug/l #	1
16) Acetone	2.386	43	281569	330.739	ug/l #	1
20) Methylene Chloride	2.788	84	2985	1.772	ug/l	91
22) Diisopropyl ether	3.885	45	2926	0.595	ug/l #	1
23) Vinyl Acetate	3.885	43	7158	1.627	ug/l #	73
31) Cyclohexane	5.537	56	3045	1.300	ug/l #	4
36) 1,1-Dichloropropene	5.544	75	11172	6.091	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15696	7.470	ug/l #	15
48) Methyl methacrylate	7.537	41	1057	0.670	ug/l #	3
51) 4-Methyl-2-Pentanone	8.647	43	1040	0.504	ug/l #	1
59) 2-Hexanone	9.159	43	1973	1.195	ug/l	78
75) 1,1,2,2-Tetrachloroethane	11.152	83	7910	3.476	ug/l #	32
76) 1,2,3-Trichloropropane	11.079	75	45806	24.705	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	45806	67.294	ug/l #	5

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

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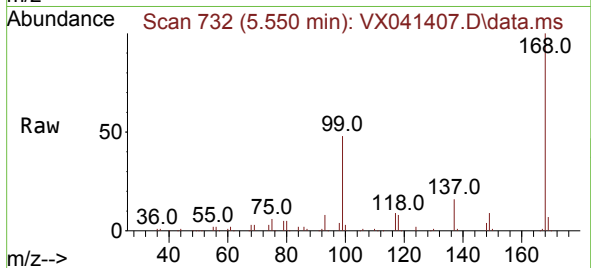
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



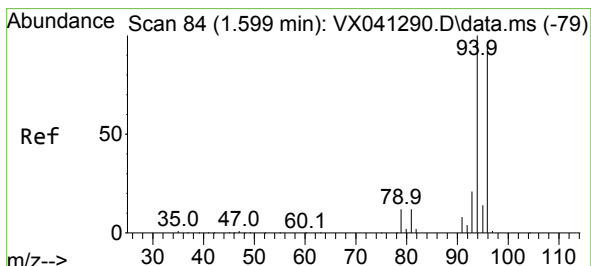
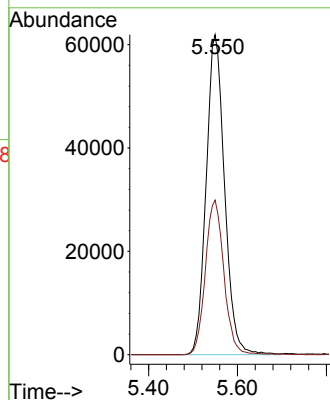
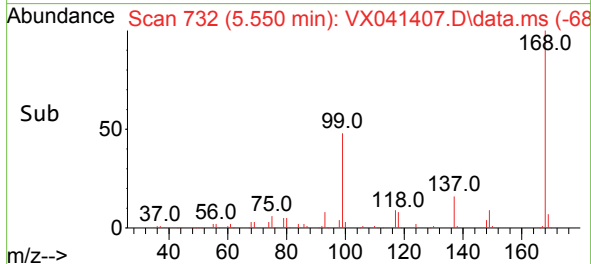


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :

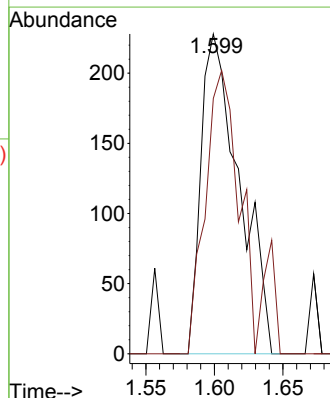
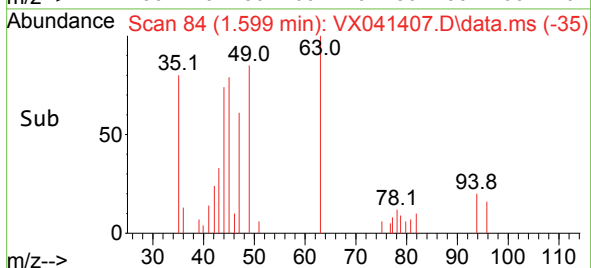
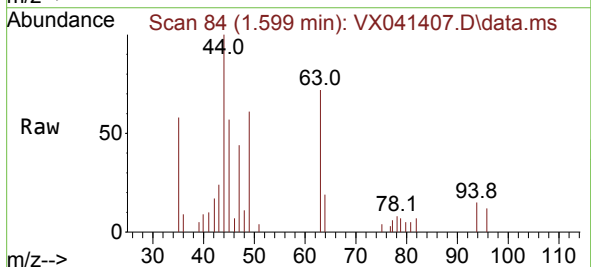


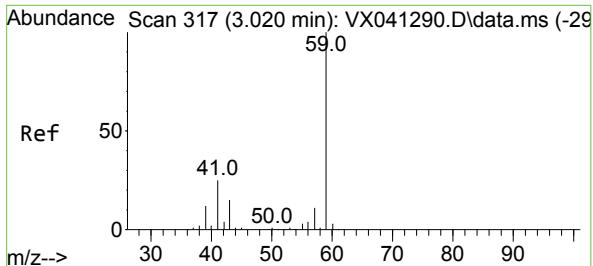
Tgt Ion:168 Resp: 178265
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0#



#5
Bromomethane
Concen: 0.489 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

Tgt Ion: 94 Resp: 443
Ion Ratio Lower Upper
94 100
96 79.8 74.6 111.8





#11

Tert butyl alcohol

Concen: 6.825 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.079 min

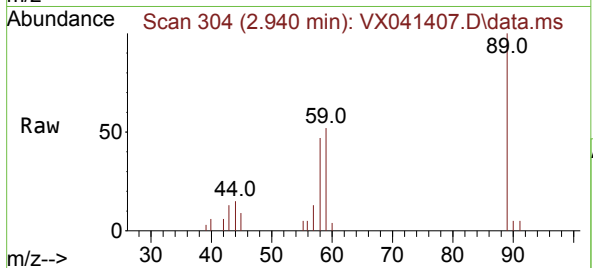
Lab File: VX041407.D

Acq: 07 May 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

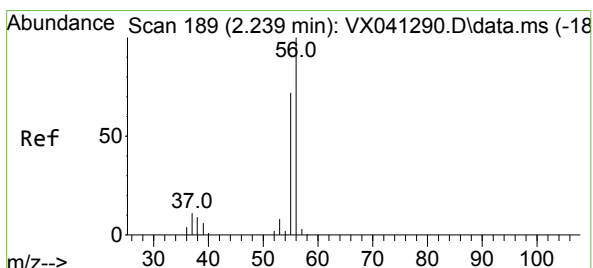
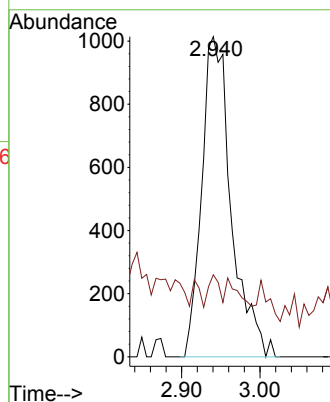
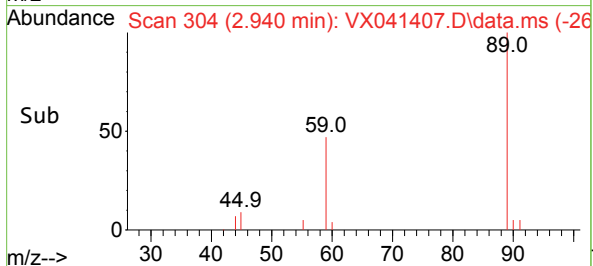


Tgt Ion: 59 Resp: 2651

Ion Ratio Lower Upper

59 100

57 3.6 6.0 9.0#



#13

Acrolein

Concen: 88.730 ug/l

RT: 2.294 min Scan# 198

Delta R.T. 0.055 min

Lab File: VX041407.D

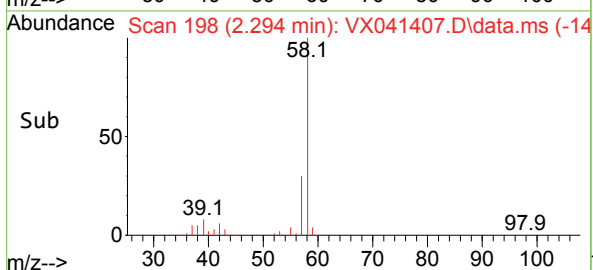
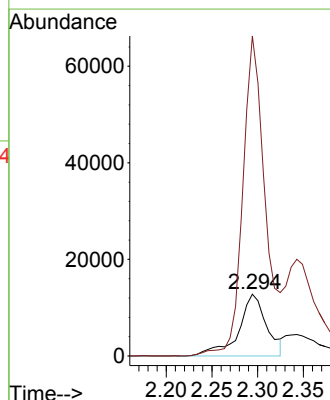
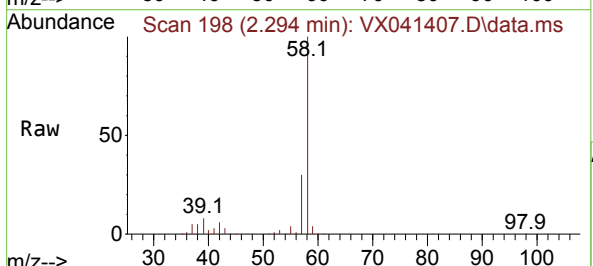
Acq: 07 May 2024 15:26

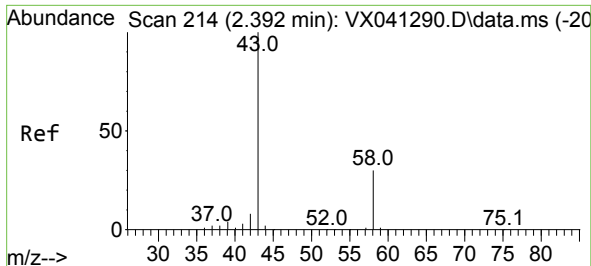
Tgt Ion: 56 Resp: 27342

Ion Ratio Lower Upper

56 100

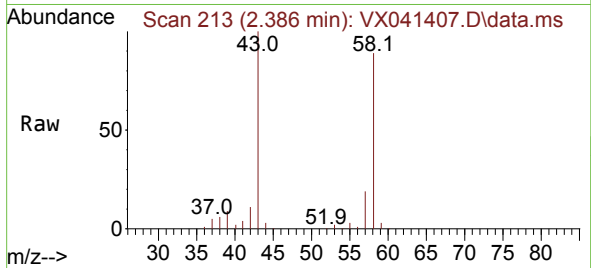
55 412.4 57.1 85.7#



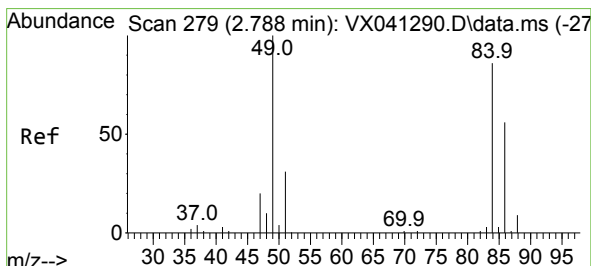
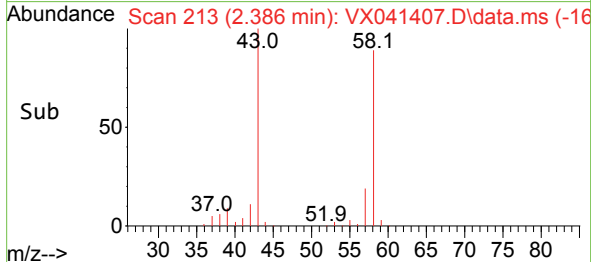
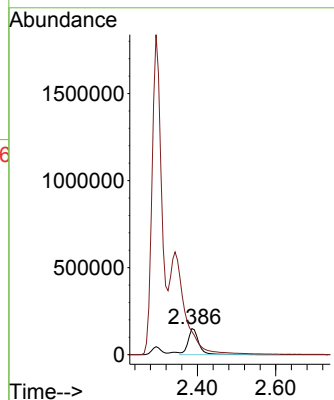


#16
Acetone
Concen: 330.739 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :

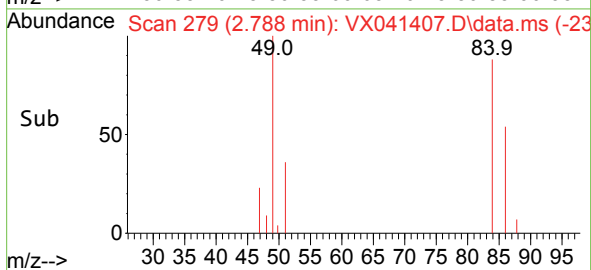
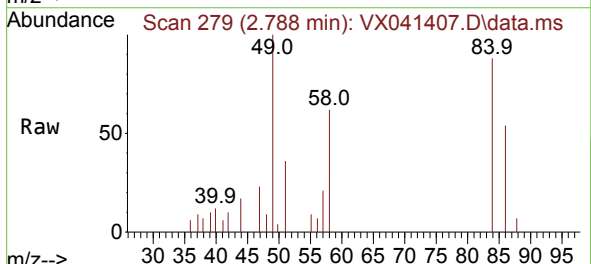
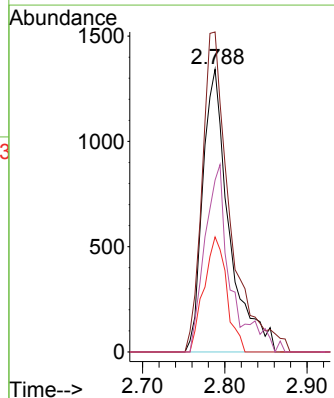


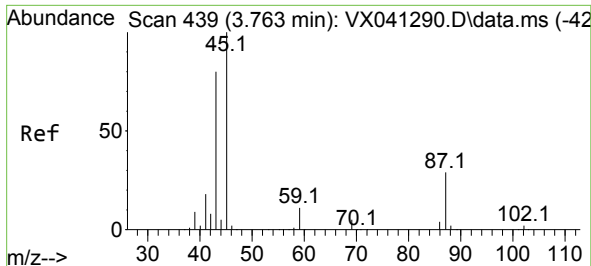
Tgt Ion: 43 Resp: 281569
Ion Ratio Lower Upper
43 100
58 87.5 21.9 32.9#



#20
Methylene Chloride
Concen: 1.772 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

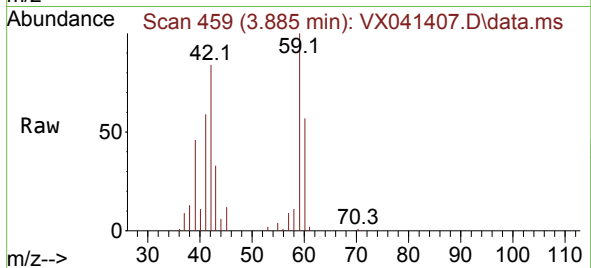
Tgt Ion: 84 Resp: 2985
Ion Ratio Lower Upper
84 100
49 113.2 103.6 155.4
51 40.7 33.8 50.6
86 60.8 49.4 74.0



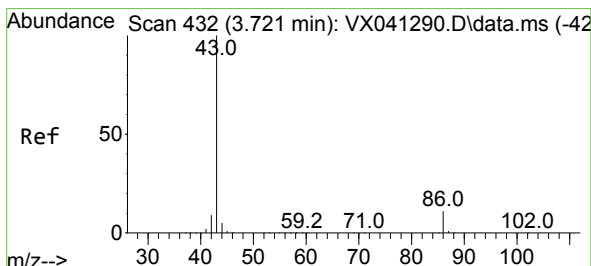
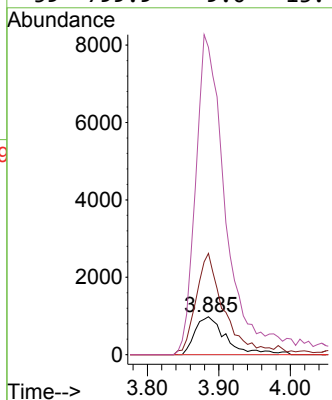
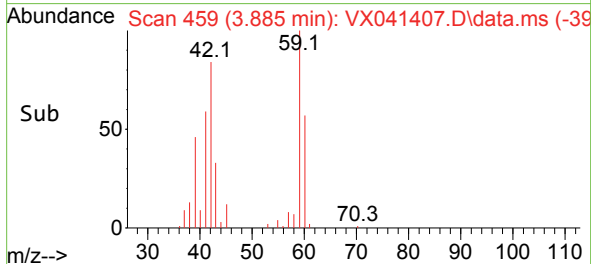


#22
Diisopropyl ether
Concen: 0.595 ug/l
RT: 3.885 min Scan# 459
Delta R.T. 0.122 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

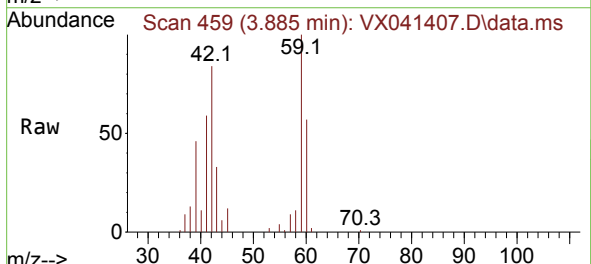
Instrument :
MSVOA_X
ClientSampleId :



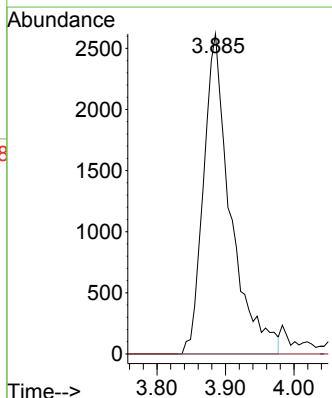
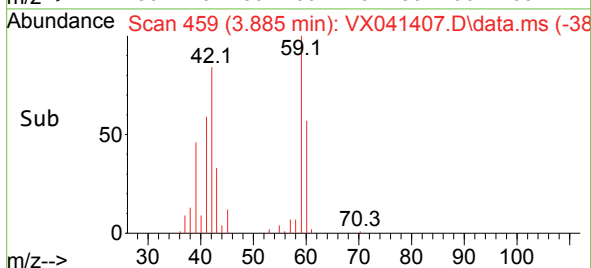
Tgt Ion:	45	Resp:	2926
Ion Ratio	100	Lower	Upper
43	256.2	69.7	104.5#
87	0.0	20.8	31.2#
59	799.9	9.0	13.4#

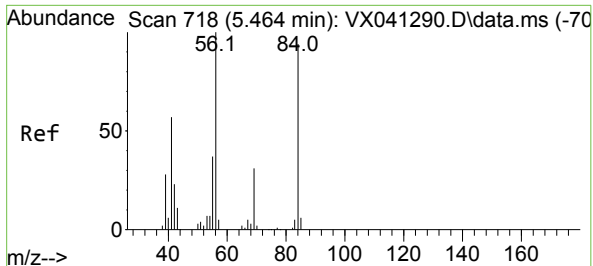


#23
Vinyl Acetate
Concen: 1.627 ug/l
RT: 3.885 min Scan# 459
Delta R.T. 0.165 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26



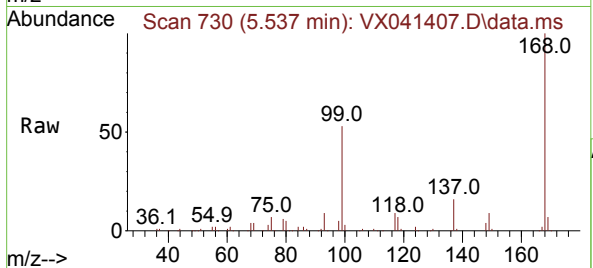
Tgt Ion:	43	Resp:	7158
Ion Ratio	100	Lower	Upper
86	0.0	7.8	11.8#



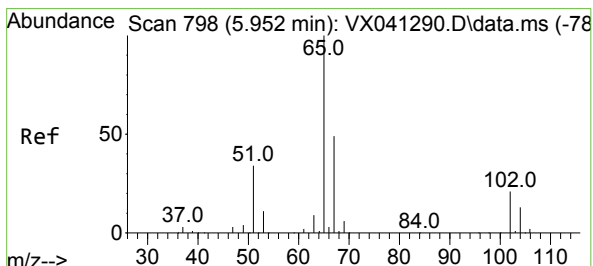
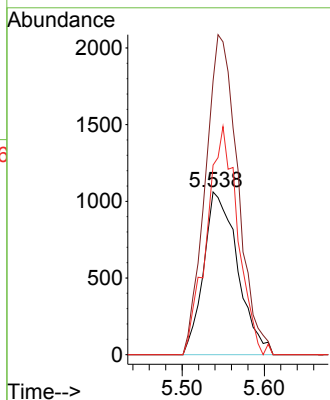
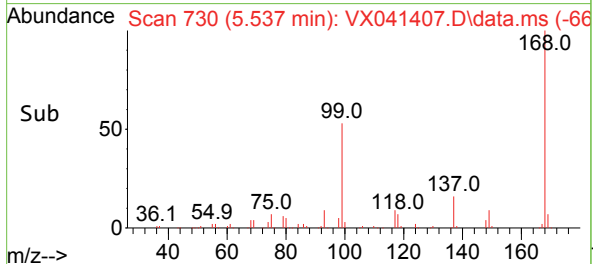


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :

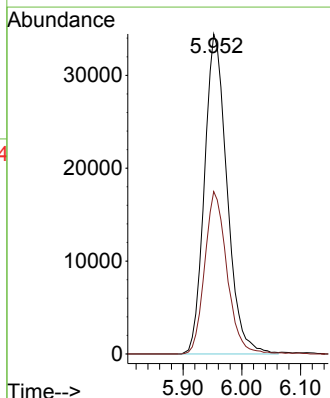
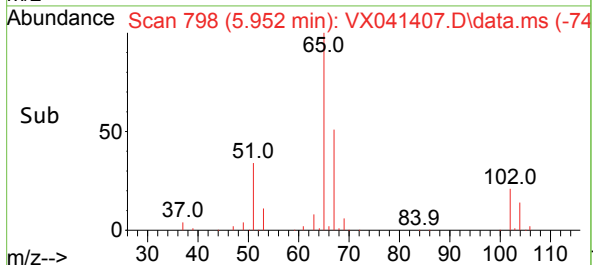
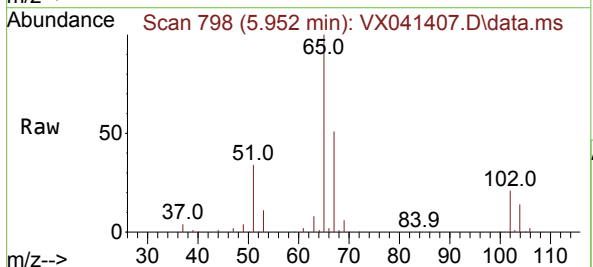


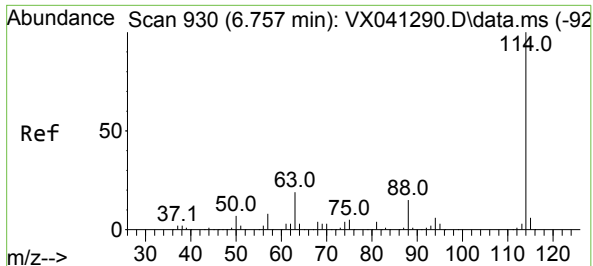
Tgt Ion: 56 Resp: 3045
Ion Ratio Lower Upper
56 100
69 168.2 23.4 35.2#
84 116.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.400 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

Tgt Ion: 65 Resp: 91987
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2

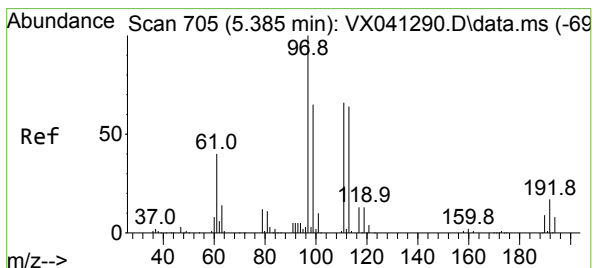
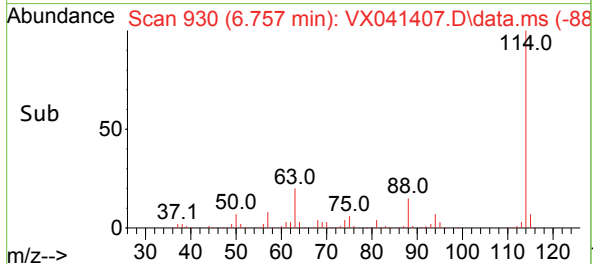
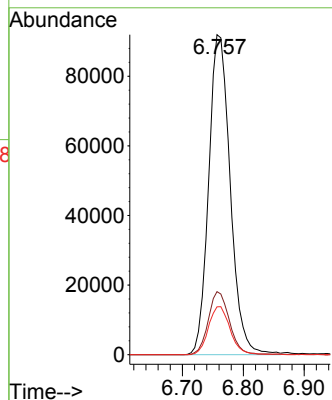
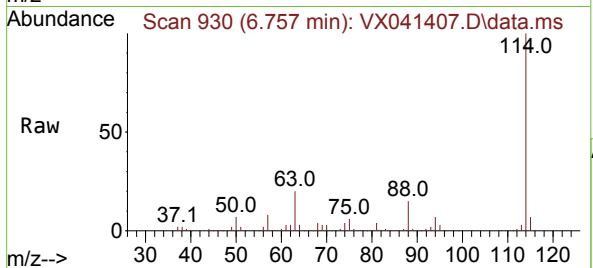




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

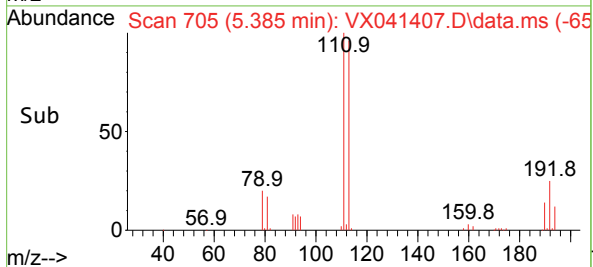
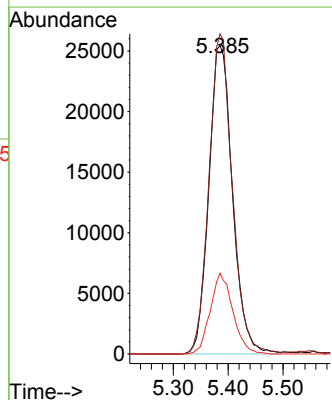
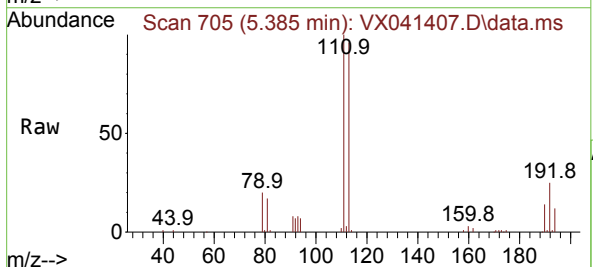
Instrument :
MSVOA_X
ClientSampleId :

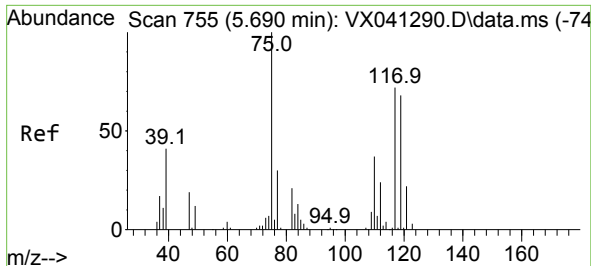
Tgt Ion:114 Resp: 226351
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.764 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

Tgt Ion:113 Resp: 76334
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 25.0 13.3 19.9#

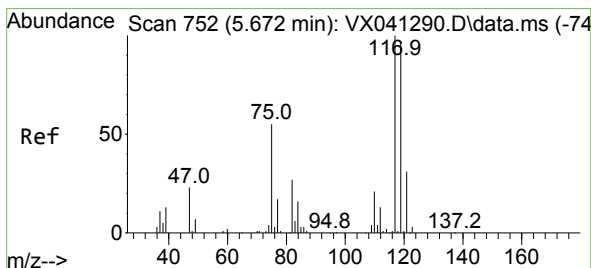
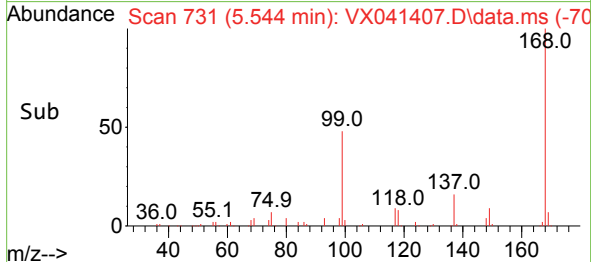
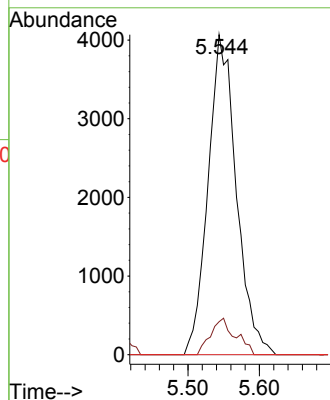
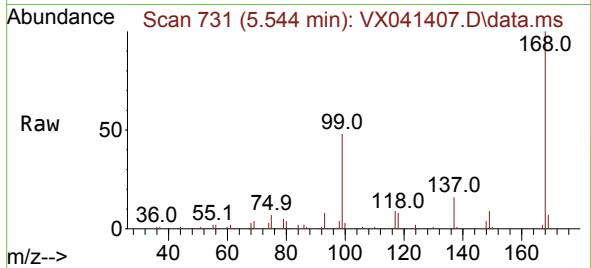




#36
1,1-Dichloropropene
Concen: 6.091 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

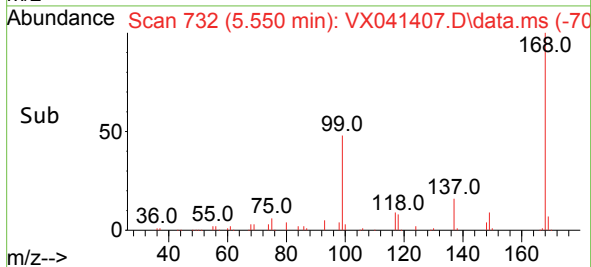
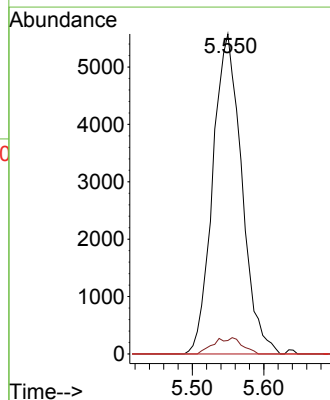
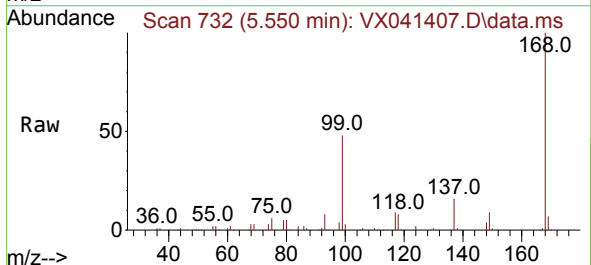
Instrument :
MSVOA_X
ClientSampleId :

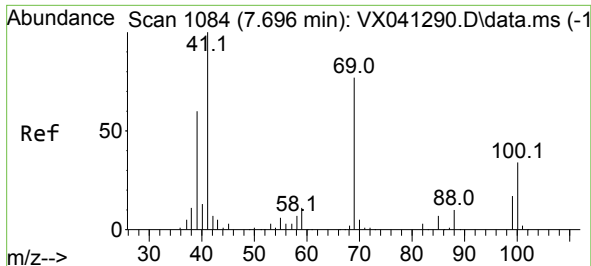
Tgt Ion: 75 Resp: 11172
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.470 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

Tgt Ion: 117 Resp: 15696
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

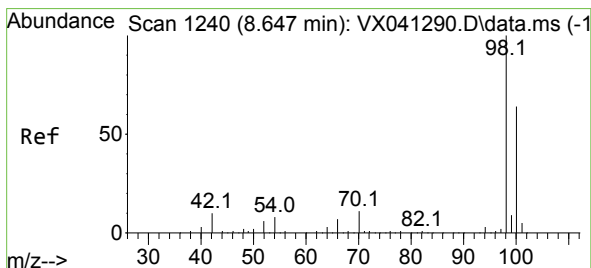
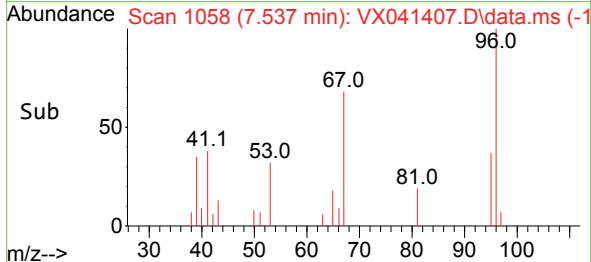
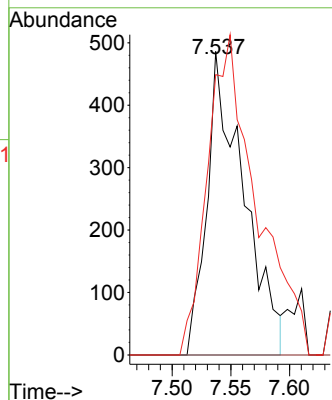
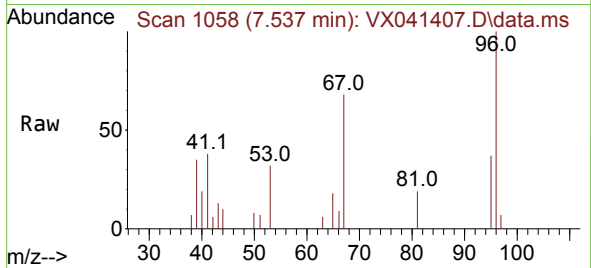




#48
Methyl methacrylate
Concen: 0.670 ug/l
RT: 7.537 min Scan# 1057
Delta R.T. -0.159 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

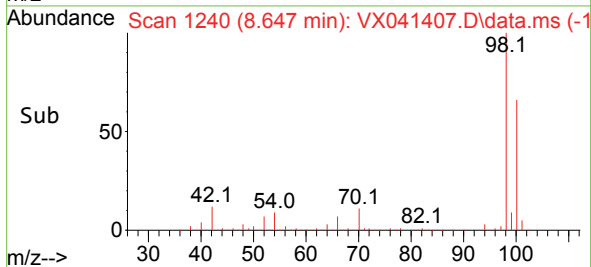
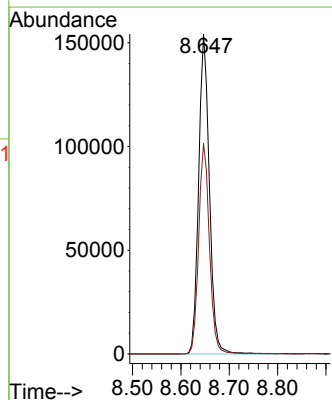
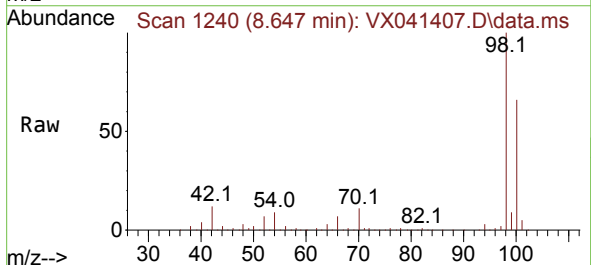
Instrument :
MSVOA_X
ClientSampleId :

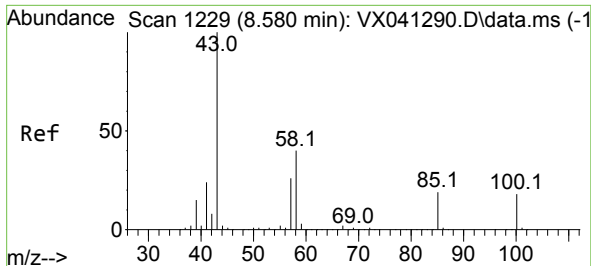
Tgt Ion: 41 Resp: 1057
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 140.8 47.7 71.5#



#50
Toluene-d8
Concen: 48.867 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

Tgt Ion: 98 Resp: 237250
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

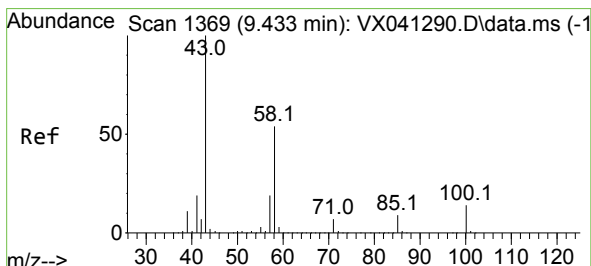
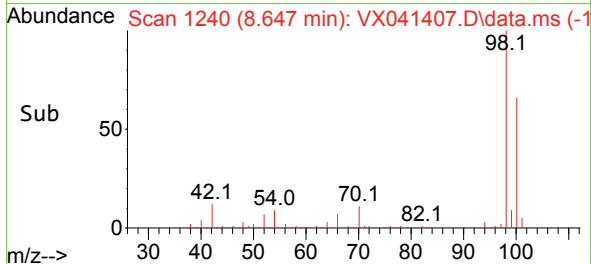
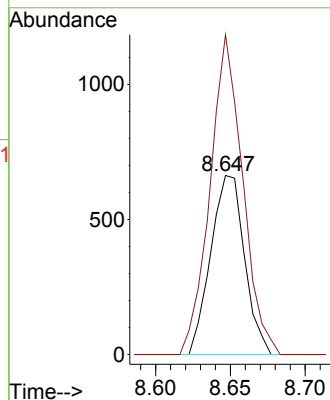
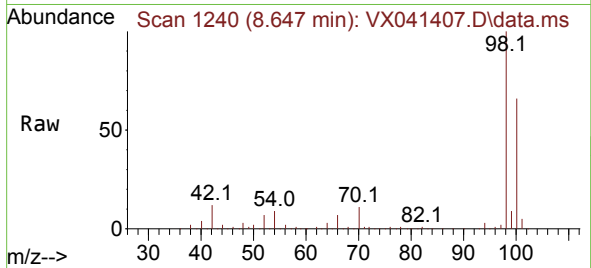




#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

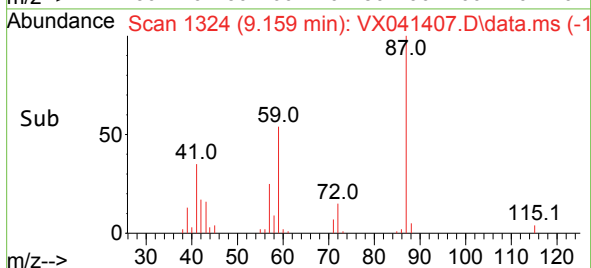
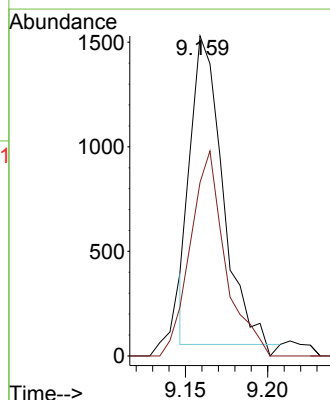
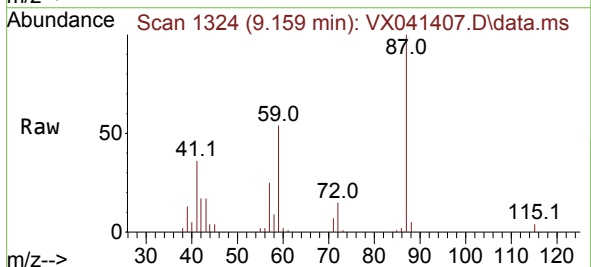
Instrument :
MSVOA_X
ClientSampleId :

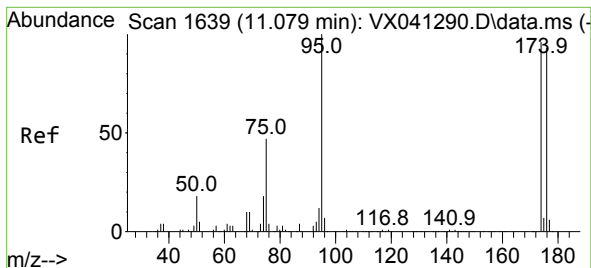
Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
58 172.8 30.4 45.6#



#59
2-Hexanone
Concen: 1.195 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.274 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

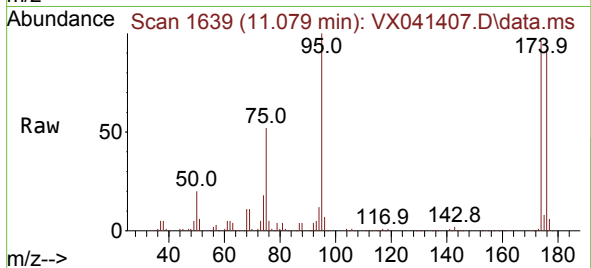
Tgt Ion: 43 Resp: 1973
Ion Ratio Lower Upper
43 100
58 67.8 26.2 78.5



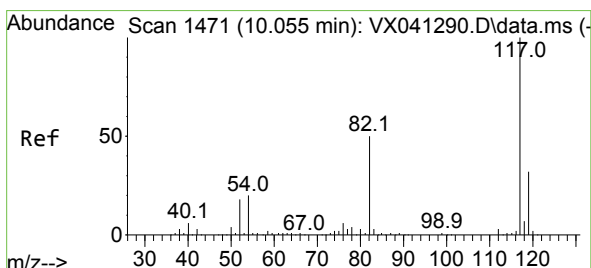
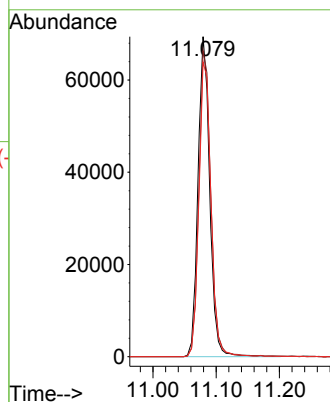
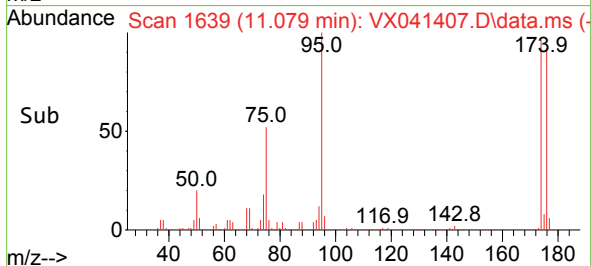


#62
4-Bromofluorobenzene
Concen: 47.571 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26

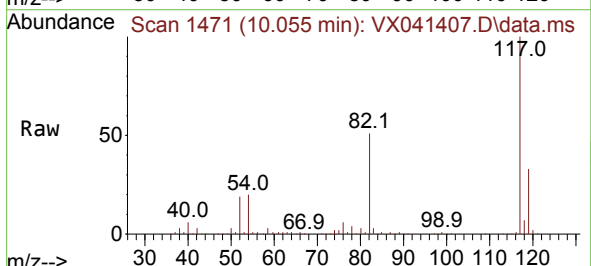
Instrument :
MSVOA_X
ClientSampleId :



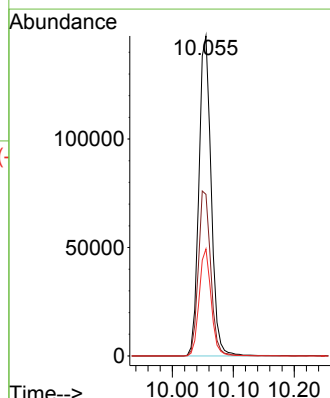
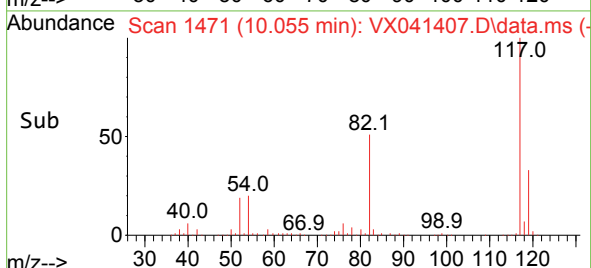
Tgt Ion: 95 Resp: 89405
Ion Ratio Lower Upper
95 100
174 98.1 0.0 135.6
176 95.6 0.0 131.0

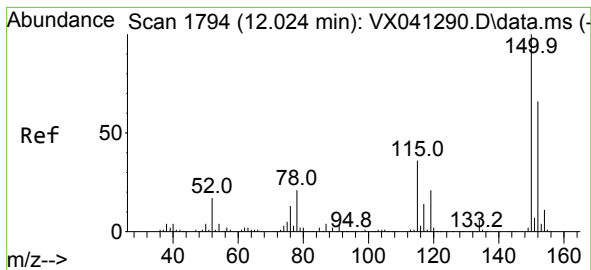


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041407.D
Acq: 07 May 2024 15:26



Tgt Ion: 117 Resp: 206321
Ion Ratio Lower Upper
117 100
82 50.5 46.2 69.4
119 33.5 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: VX041407.D

Acq: 07 May 2024 15:26

Instrument :

MSVOA_X

ClientSampleId :

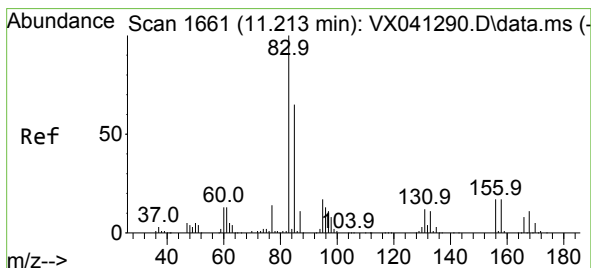
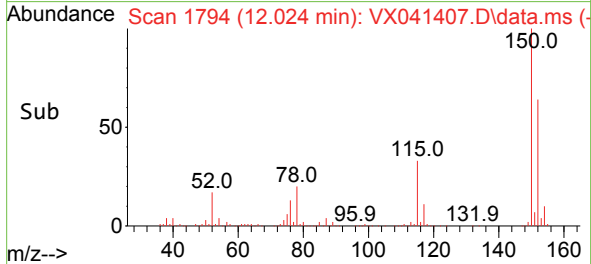
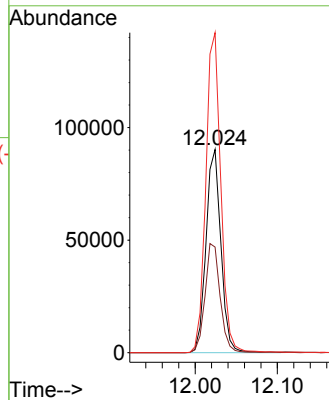
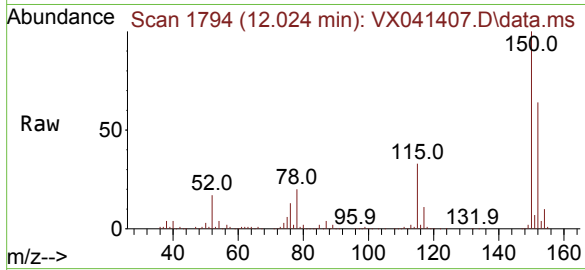
Tgt Ion:152 Resp: 113771

Ion Ratio Lower Upper

152 100

115 54.5 43.3 129.9

150 158.1 0.0 345.0



#75

1,1,2,2-Tetrachloroethane

Concen: 3.476 ug/l

RT: 11.152 min Scan# 1651

Delta R.T. -0.061 min

Lab File: VX041407.D

Acq: 07 May 2024 15:26

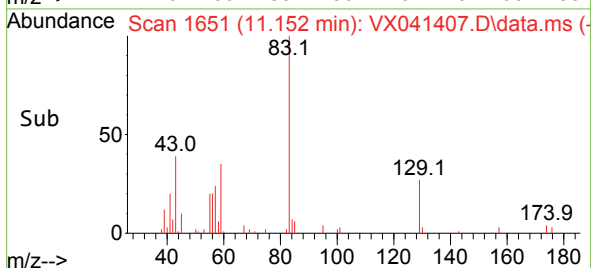
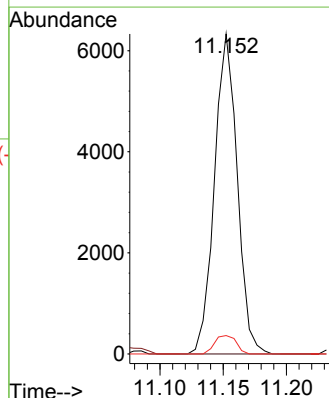
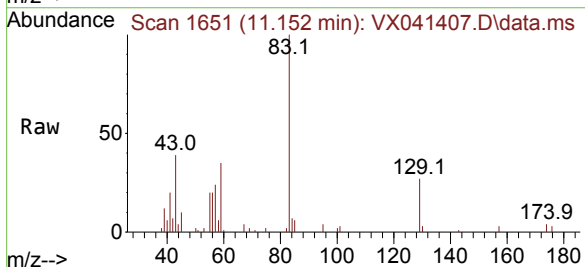
Tgt Ion: 83 Resp: 7910

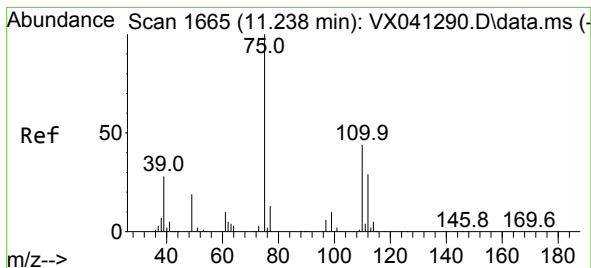
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 5.5 32.0 96.2#





#76

1,2,3-Trichloropropane

Concen: 24.705 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041407.D

Acq: 07 May 2024 15:26

Instrument :

MSVOA_X

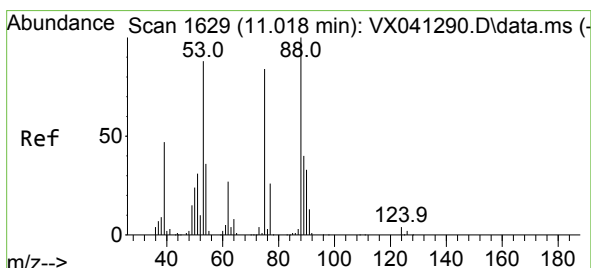
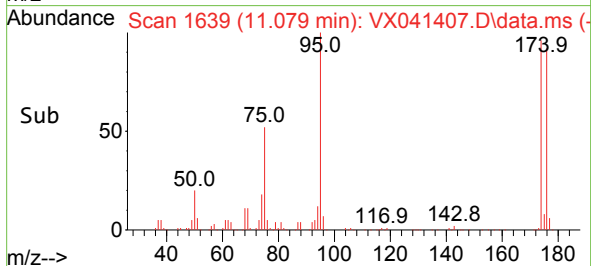
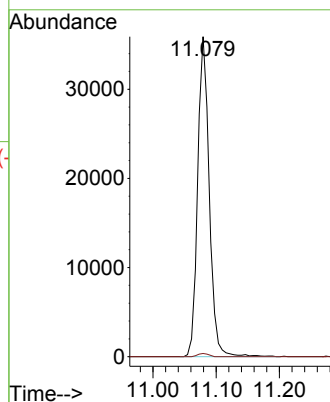
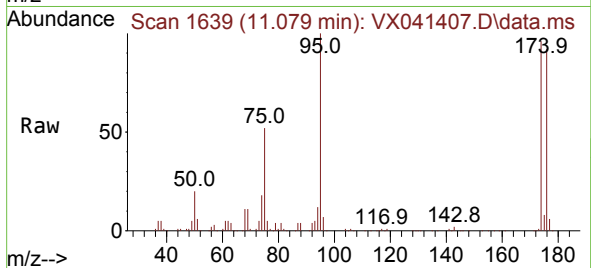
ClientSampleId :

Tgt Ion: 75 Resp: 45806

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.294 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041407.D

Acq: 07 May 2024 15:26

Tgt Ion: 75 Resp: 45806

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

