

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035438.D
 Acq On : 01 May 2023 14:21
 Operator : JC/MD
 Sample : 02558-08
 Misc : 4.59g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 23:59:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

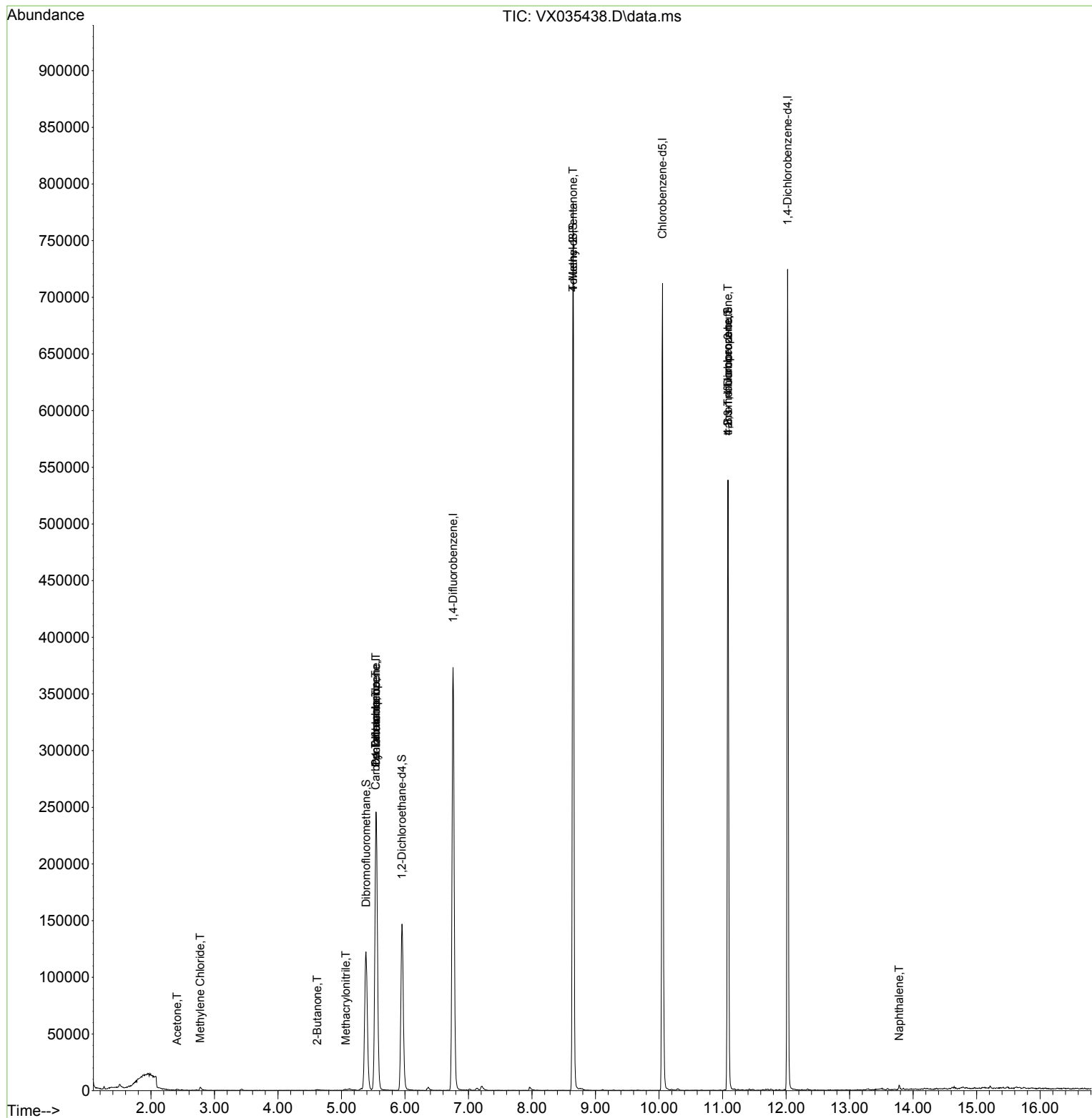
Internal Standards						
1) Pentafluorobenzene	5.544	168	242375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	397711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	357232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142754	48.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.640%
35) Dibromofluoromethane	5.385	113	110943	45.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.900%
50) Toluene-d8	8.647	98	468854	50.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.840%
62) 4-Bromofluorobenzene	11.085	95	169635	48.970	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.940%
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	1004	0.791	ug/l	94
20) Methylene Chloride	2.776	84	1646	0.565	ug/l	96
25) 2-Butanone	4.617	43	1905	1.028	ug/l #	75
31) Cyclohexane	5.544	56	4467	1.077	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	17418	4.570	ug/l #	50
38) Carbon Tetrachloride	5.538	117	24058	6.649	ug/l #	15
41) Methacrylonitrile	5.068	41	515	0.258	ug/l #	28
51) 4-Methyl-2-Pentanone	8.647	43	1790	0.498	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	83217	25.566	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.085	75	83217	82.802	ug/l #	8
95) Naphthalene	13.780	128	2957	0.271	ug/l #	91

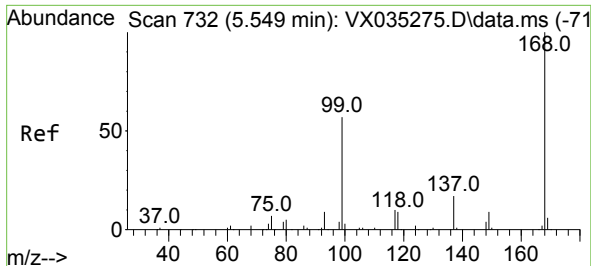
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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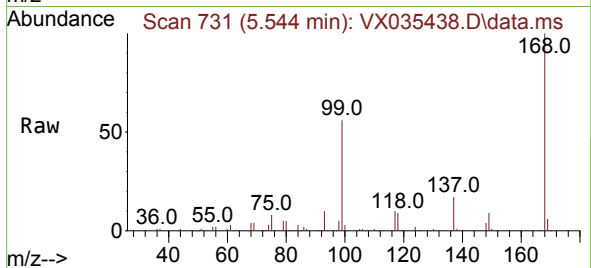
Quant Time: May 01 23:59:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
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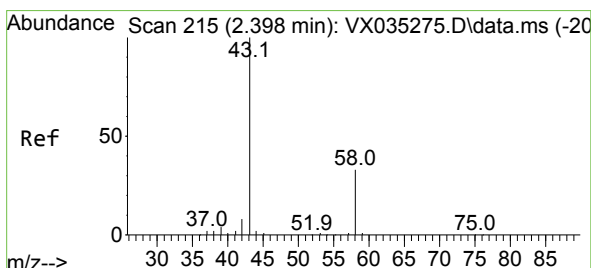
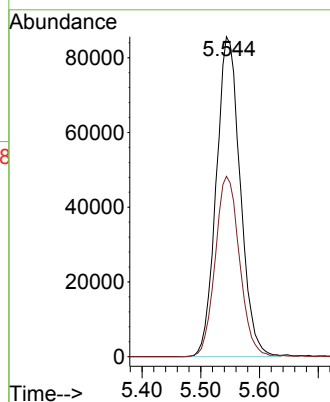
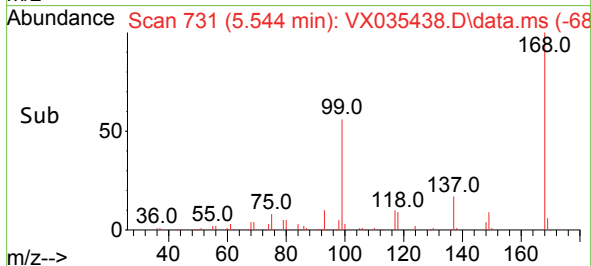


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

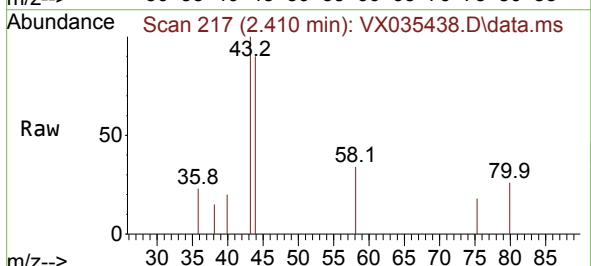
Instrument :
MSVOA_X
ClientSampleId :



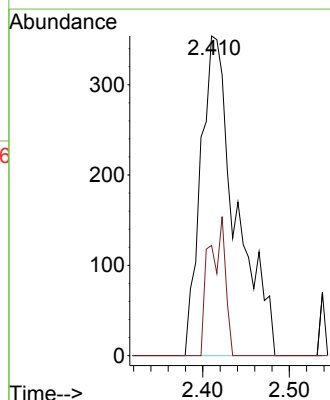
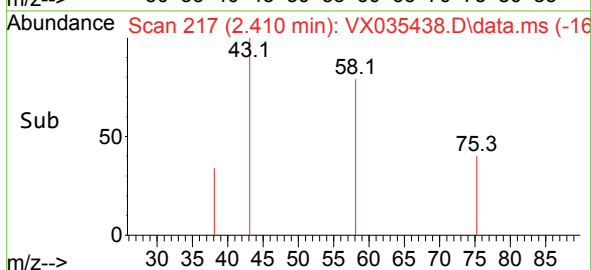
Tgt Ion:168 Resp: 242375
Ion Ratio Lower Upper
168 100
99 56.4 45.7 68.5

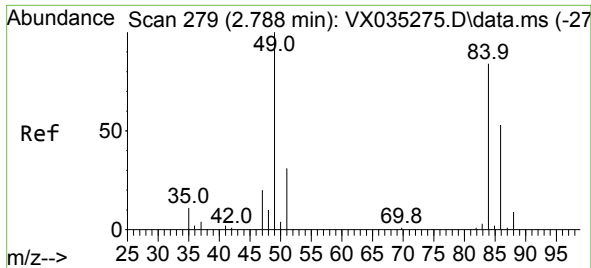


#16
Acetone
Concen: 0.791 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21



Tgt Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
58 34.5 24.7 37.1





#20

Methylene Chloride

Concen: 0.565 ug/l

RT: 2.776 min Scan# 21

Delta R.T. -0.012 min

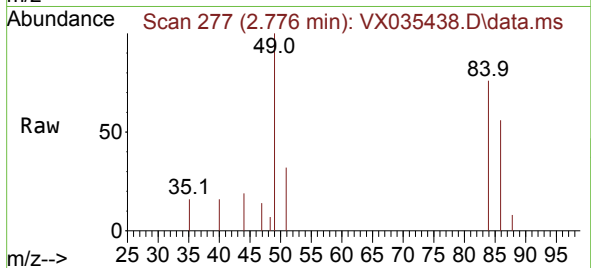
Lab File: VX035438.D

Acq: 01 May 2023 14:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1646

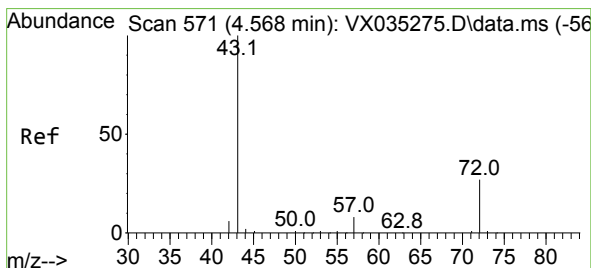
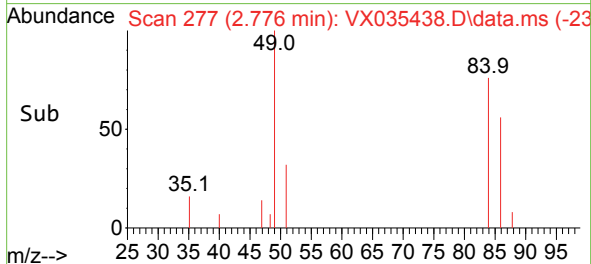
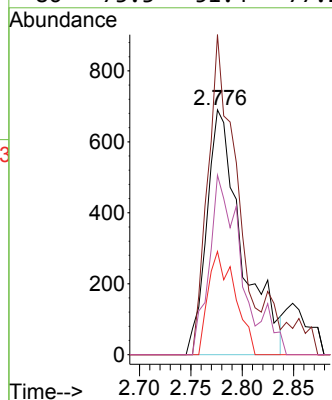
Ion Ratio Lower Upper

84 100

49 130.7 103.8 155.8

51 42.2 31.8 47.8

86 73.3 51.4 77.2



#25

2-Butanone

Concen: 1.028 ug/l

RT: 4.617 min Scan# 579

Delta R.T. 0.049 min

Lab File: VX035438.D

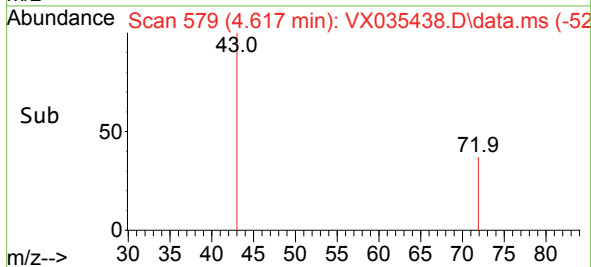
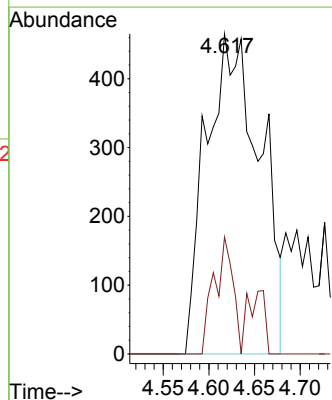
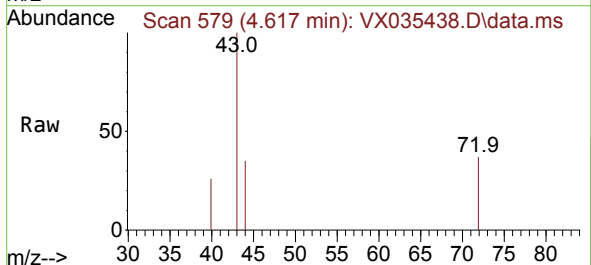
Acq: 01 May 2023 14:21

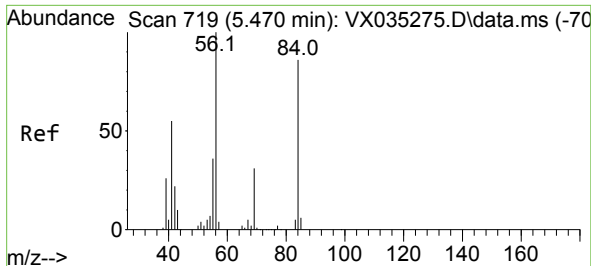
Tgt Ion: 43 Resp: 1905

Ion Ratio Lower Upper

43 100

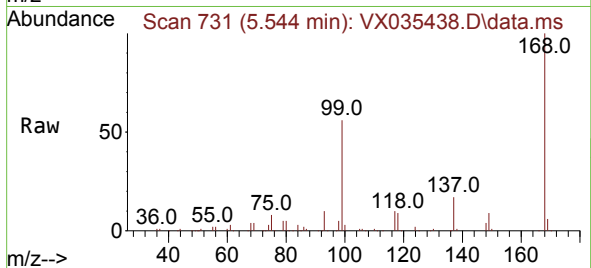
72 36.6 19.3 28.9#



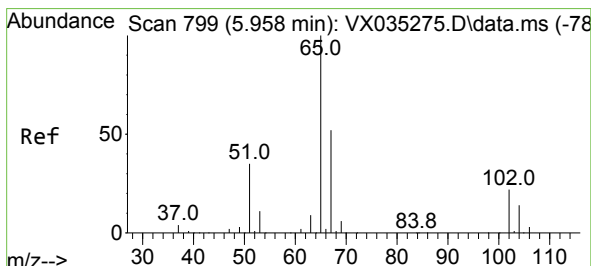
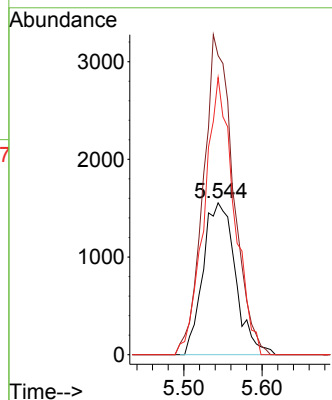
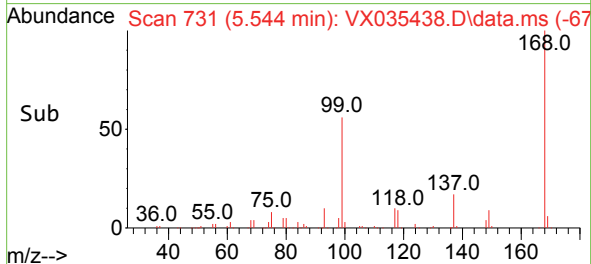


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

Instrument :
MSVOA_X
ClientSampleId :

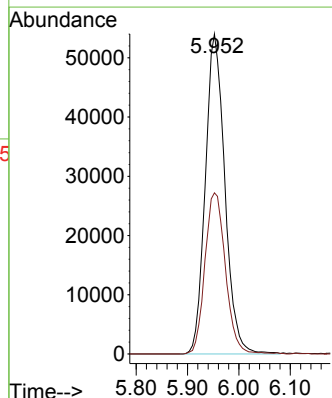
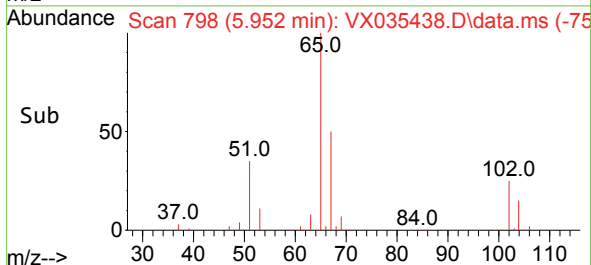
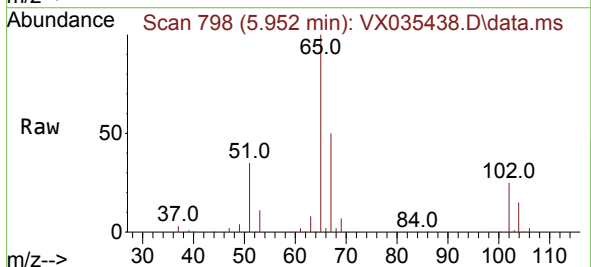


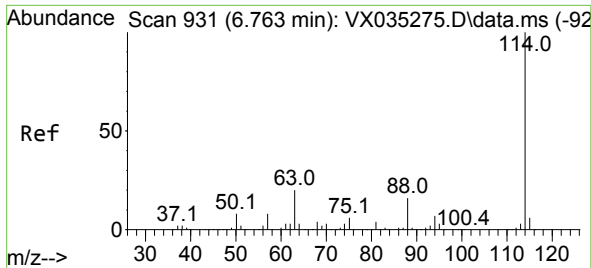
Tgt Ion: 56 Resp: 4467
Ion Ratio Lower Upper
56 100
69 197.0 23.7 35.5#
84 182.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.820 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

Tgt Ion: 65 Resp: 142754
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0

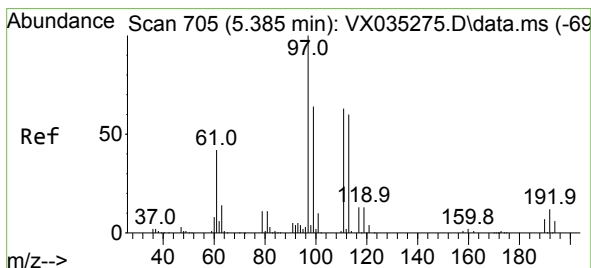
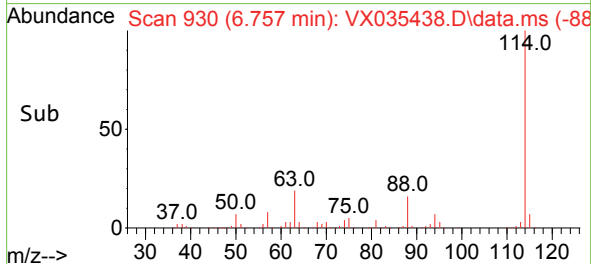
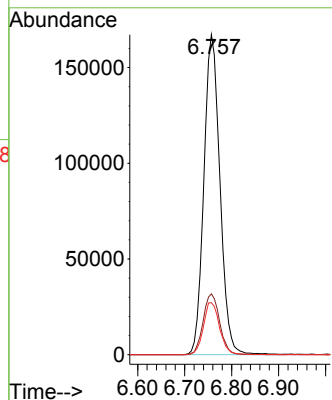
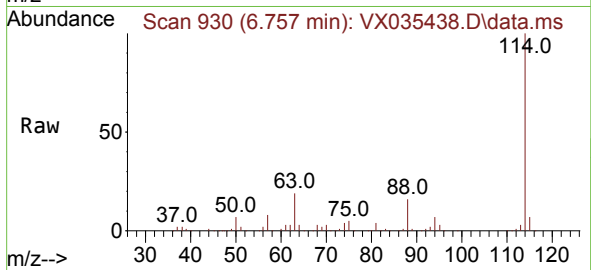




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

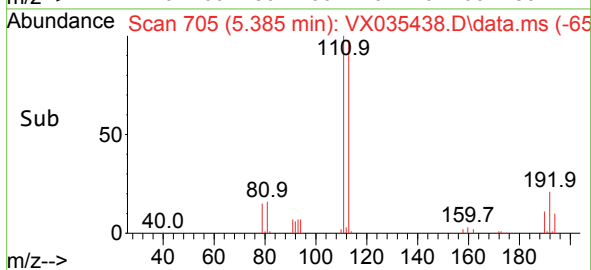
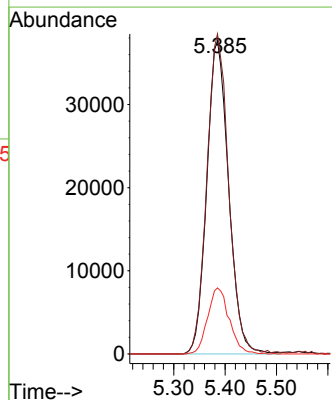
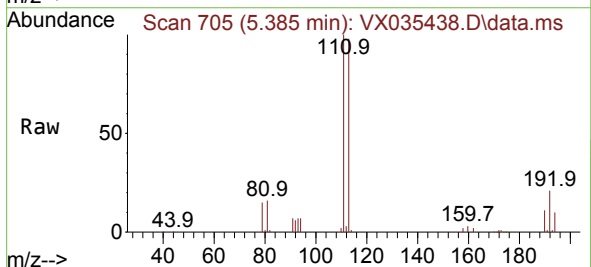
Instrument :
MSVOA_X
ClientSampleId :

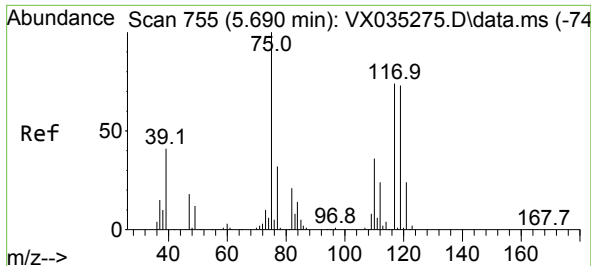
Tgt Ion:114 Resp: 397711
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.449 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

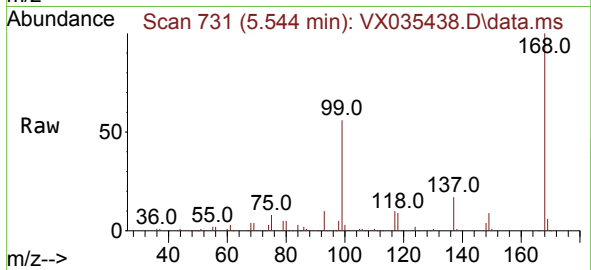
Tgt Ion:113 Resp: 110943
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 20.9 15.4 23.2



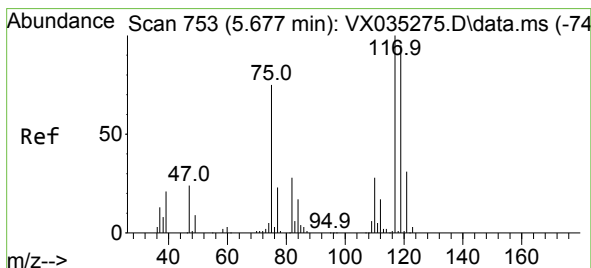
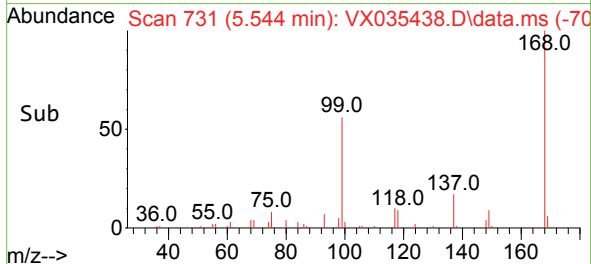
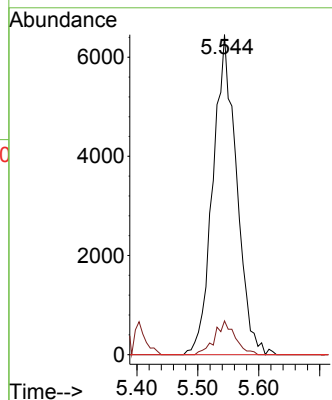


#36
1,1-Dichloropropene
Concen: 4.570 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

Instrument :
MSVOA_X
ClientSampleId :

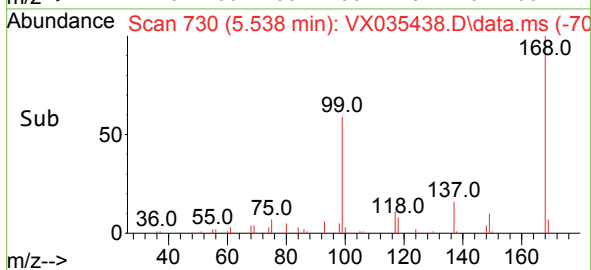
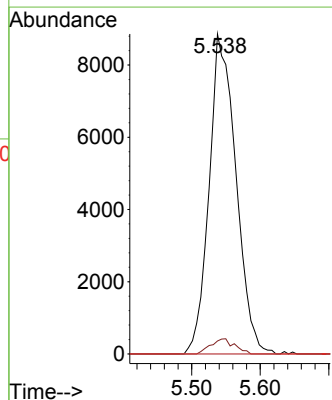
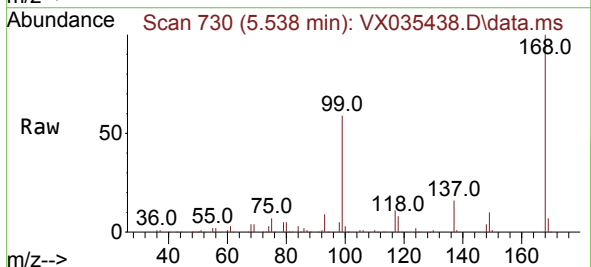


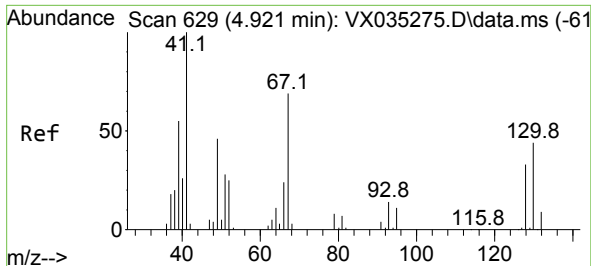
Tgt Ion: 75 Resp: 17418
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.649 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.139 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

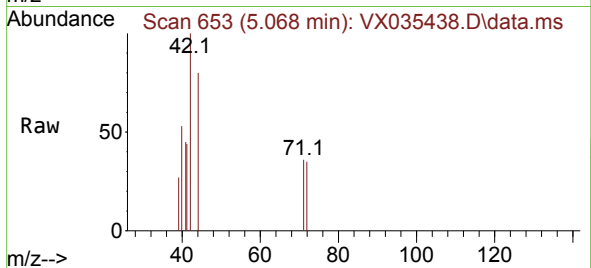
Tgt Ion: 117 Resp: 24058
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#



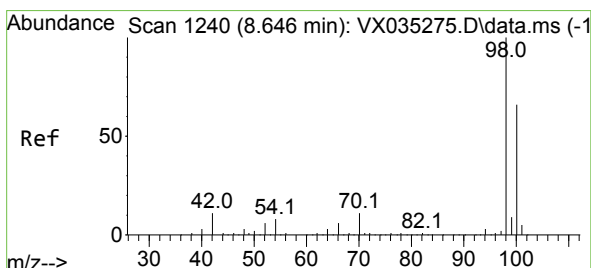
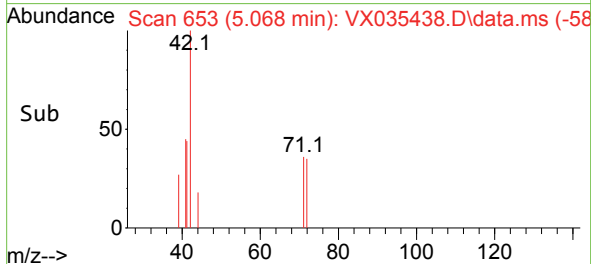
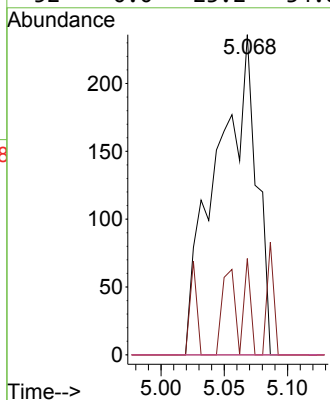


#41
Methacrylonitrile
Concen: 0.258 ug/l
RT: 5.068 min Scan# 61
Delta R.T. 0.147 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

Instrument :
MSVOA_X
ClientSampleId :

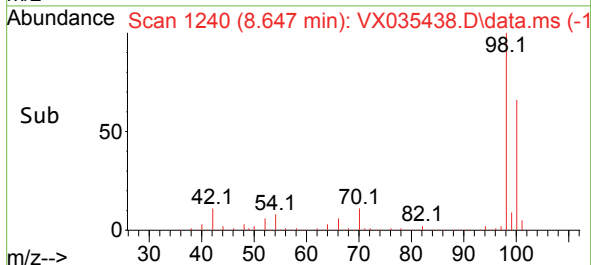
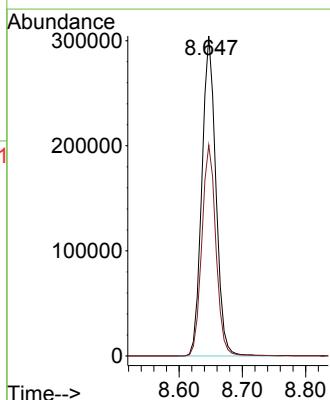
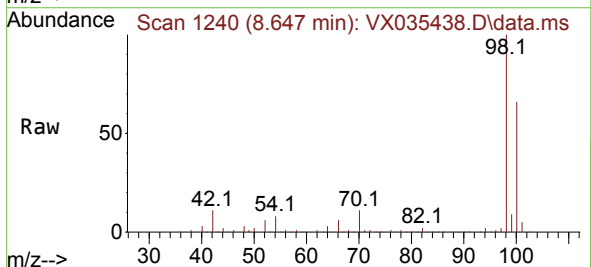


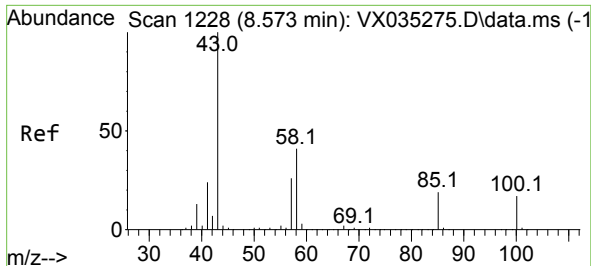
Tgt Ion: 41 Resp: 515
Ion Ratio Lower Upper
41 100
39 8.5 45.0 67.6#
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#



#50
Toluene-d8
Concen: 50.916 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

Tgt Ion: 98 Resp: 468854
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

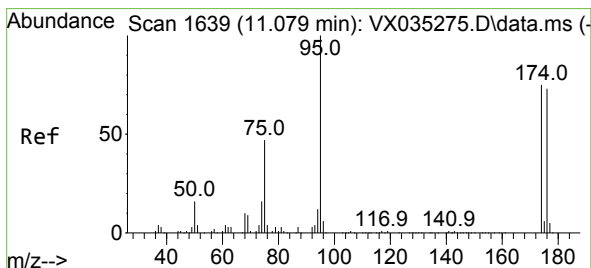
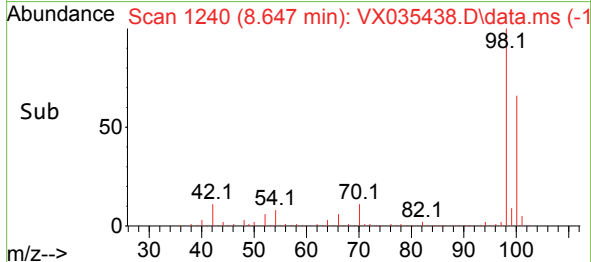
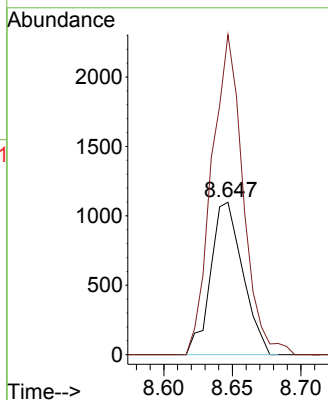
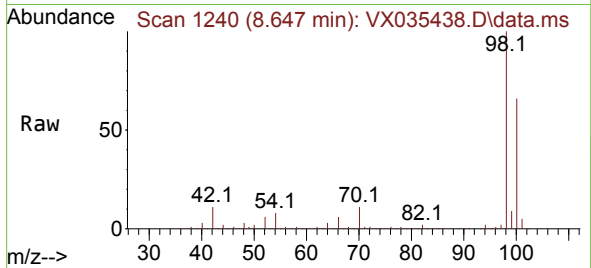




#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

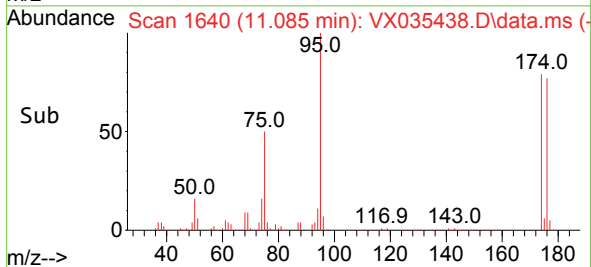
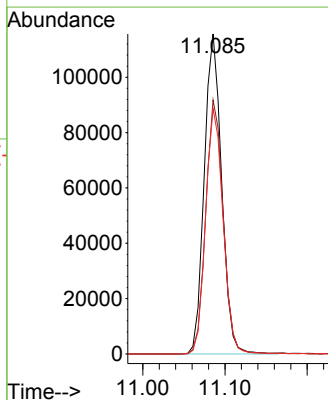
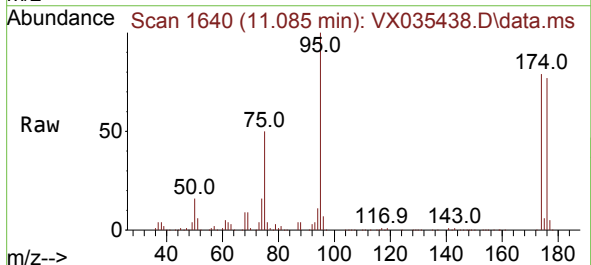
Instrument :
MSVOA_X
ClientSampleId :

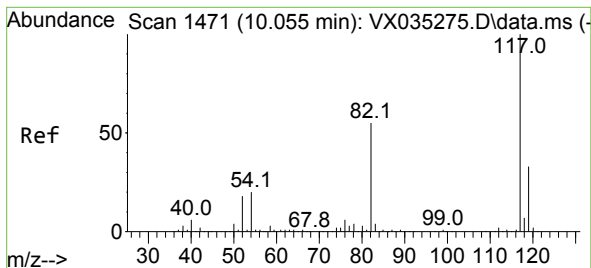
Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
58 204.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 48.970 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

Tgt Ion: 95 Resp: 169635
Ion Ratio Lower Upper
95 100
174 80.0 0.0 147.4
176 77.4 0.0 140.6

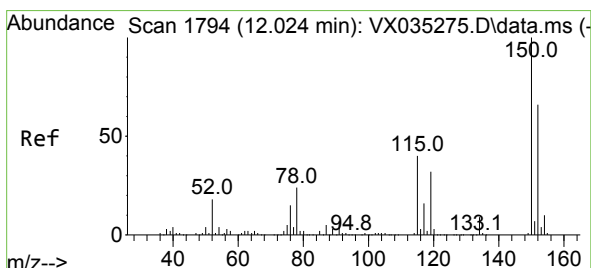
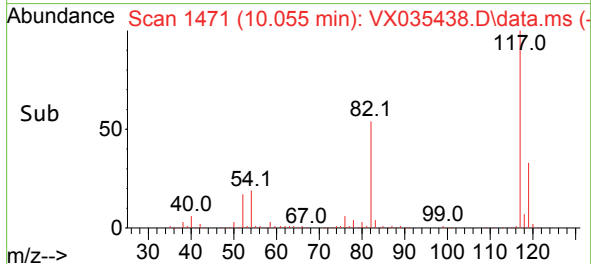
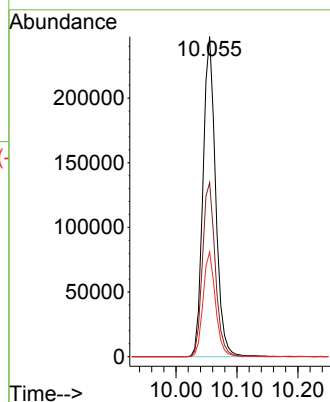
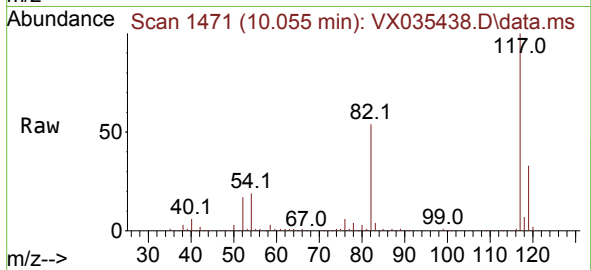




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

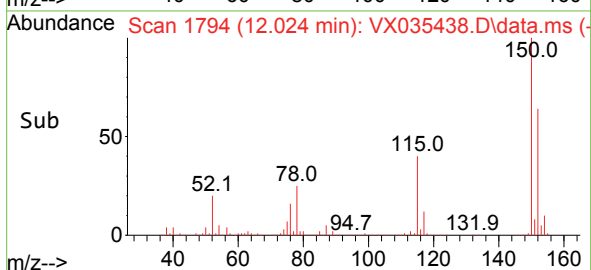
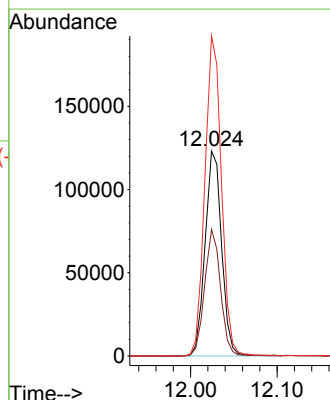
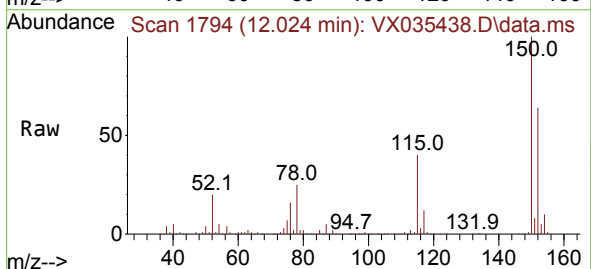
Instrument :
MSVOA_X
ClientSampleId :

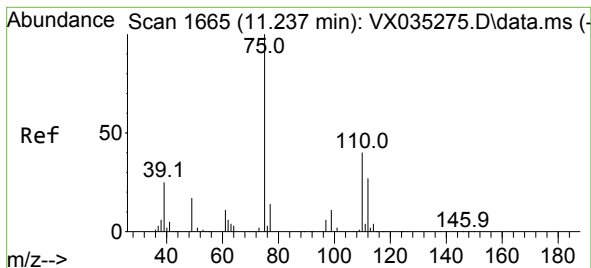
Tgt Ion:117 Resp: 357232
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035438.D
Acq: 01 May 2023 14:21

Tgt Ion:152 Resp: 163178
Ion Ratio Lower Upper
152 100
115 59.4 45.0 135.0
150 156.3 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.566 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.152 min

Lab File: VX035438.D

Acq: 01 May 2023 14:21

Instrument :

MSVOA_X

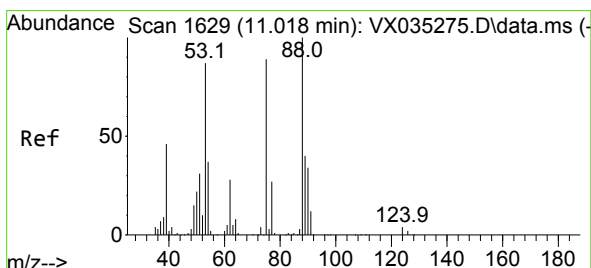
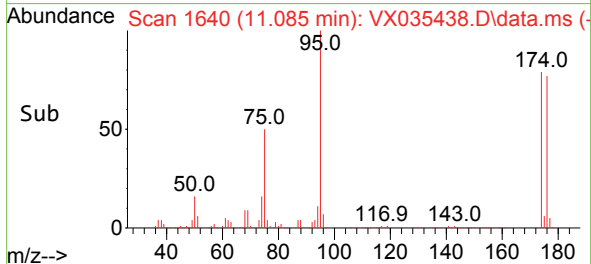
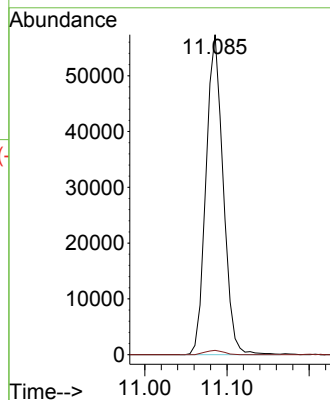
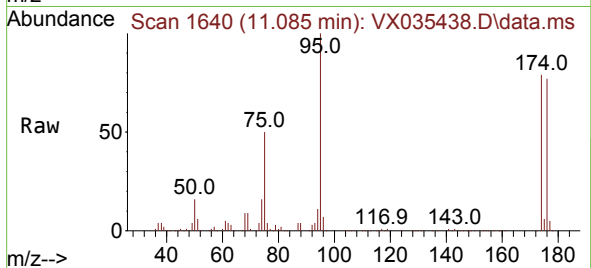
ClientSampleId :

Tgt Ion: 75 Resp: 83217

Ion Ratio Lower Upper

75 100

77 1.5 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.802 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX035438.D

Acq: 01 May 2023 14:21

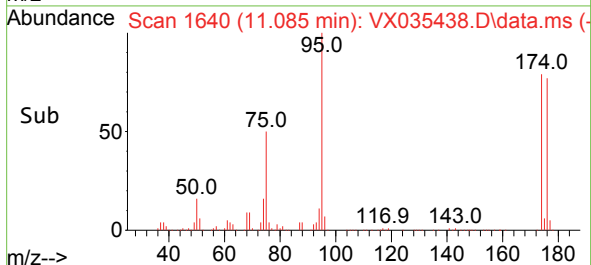
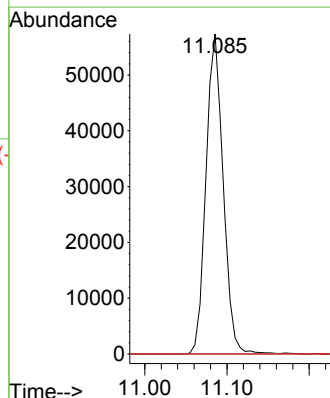
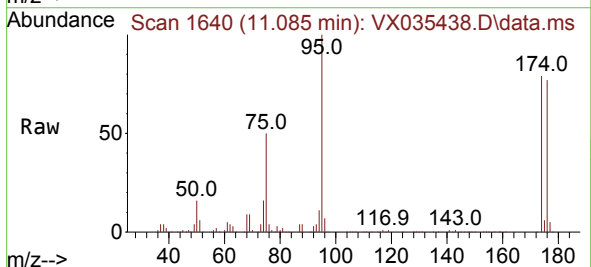
Tgt Ion: 75 Resp: 83217

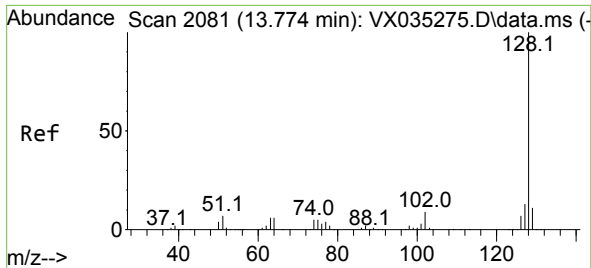
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.271 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

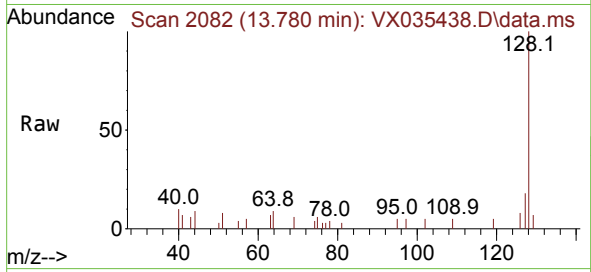
Lab File: VX035438.D

Acq: 01 May 2023 14:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	128	Resp:	2957
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.2	15.4
129	5.6	8.6	13.0#

