

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035503.D
 Acq On : 03 May 2023 12:41
 Operator : JC/MD
 Sample : 02557-01
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-03-042823-A

Quant Time: May 03 15:18:53 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)

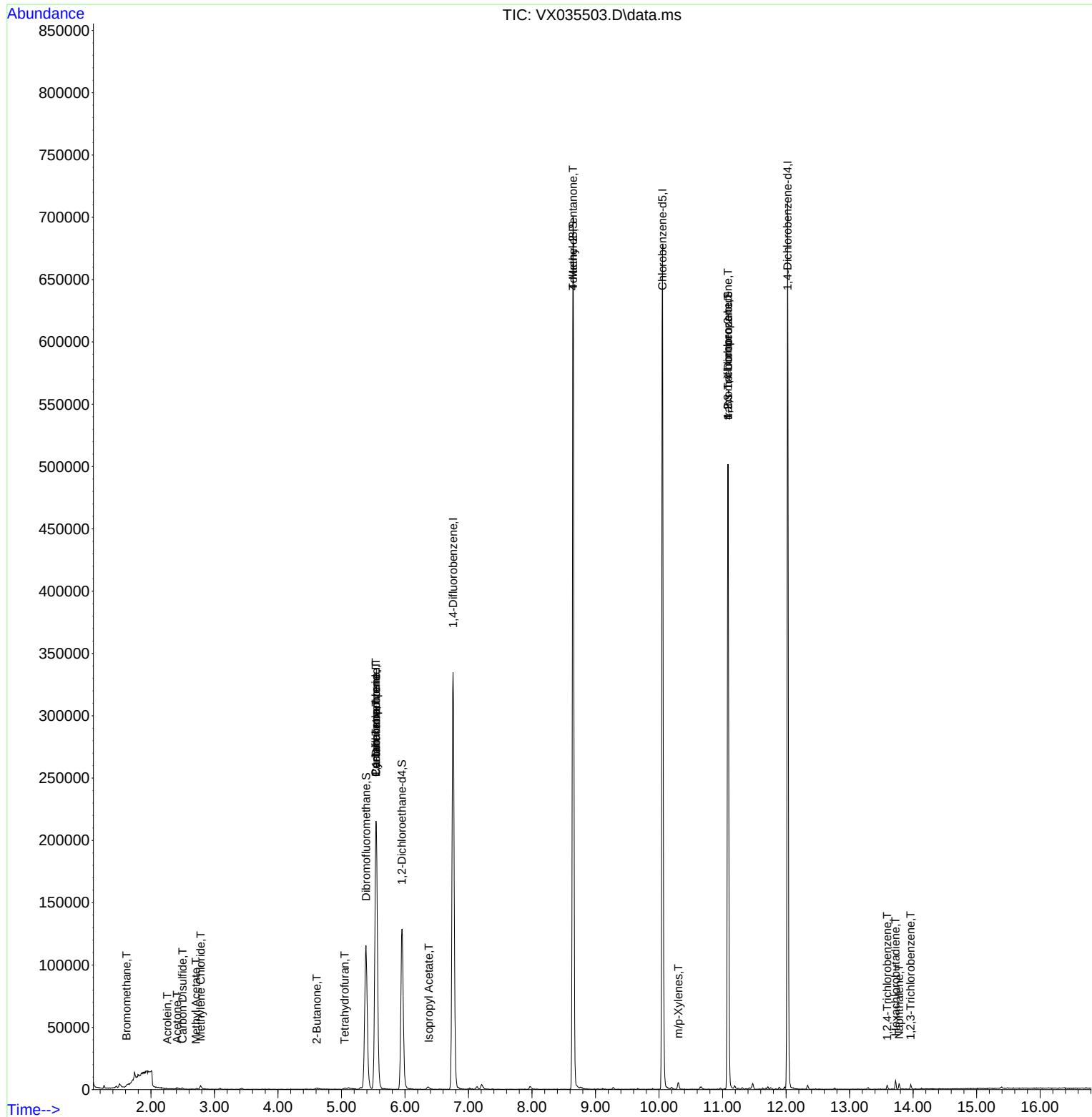
Internal Standards						
1) Pentafluorobenzene	5.544	168	220363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	354792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	125844	47.336	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.680%
35) Dibromofluoromethane	5.385	113	100905	46.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	8.647	98	425210	51.762	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.520%
62) 4-Bromofluorobenzene	11.085	95	158242	51.208	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.420%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	408	0.289	ug/l #	71
13) Acrolein	2.258	56	157	0.330	ug/l #	75
16) Acetone	2.410	43	1109	0.960	ug/l	98
17) Carbon Disulfide	2.495	76	1215	0.237	ug/l #	75
18) Methyl Acetate	2.709	43	898	0.201	ug/l #	80
20) Methylene Chloride	2.782	84	1425	0.538	ug/l #	81
25) 2-Butanone	4.611	43	2855	1.694	ug/l	94
29) Tetrahydrofuran	5.050	42	942	0.872	ug/l #	82
31) Cyclohexane	5.544	56	3969	1.052	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	15382	4.524	ug/l #	50
38) Carbon Tetrachloride	5.544	117	21347	6.613	ug/l #	16
43) Isopropyl Acetate	6.373	43	1142	0.219	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	1801	0.562	ug/l #	1
68) m/p-Xylenes	10.305	106	1505	0.318	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	76323	24.919	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	76323	80.707	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	1011	0.303	ug/l	94
94) Hexachlorobutadiene	13.725	225	1228	0.839	ug/l	96
95) Naphthalene	13.780	128	3553	0.346	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1165	0.347	ug/l	92

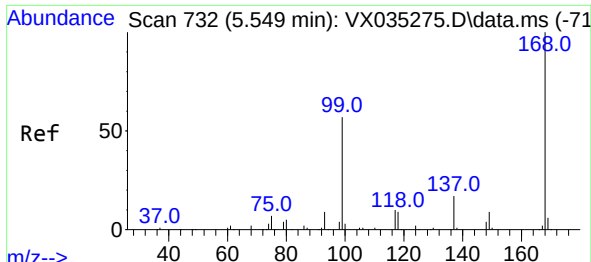
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 02557-01
Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A

Quant Time: May 03 15:18:53 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

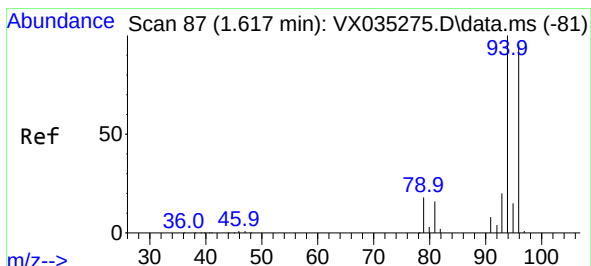
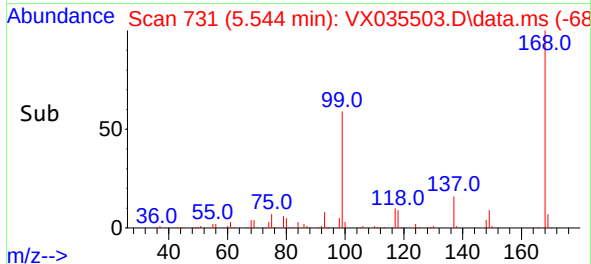
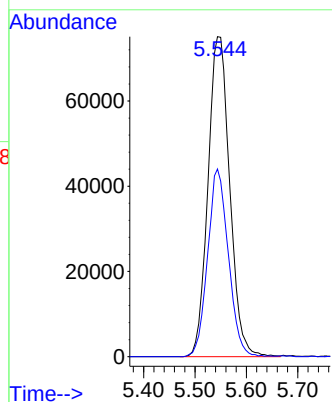
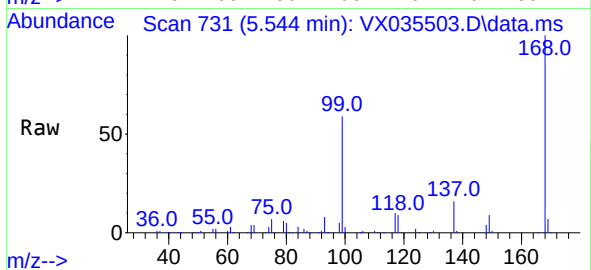




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

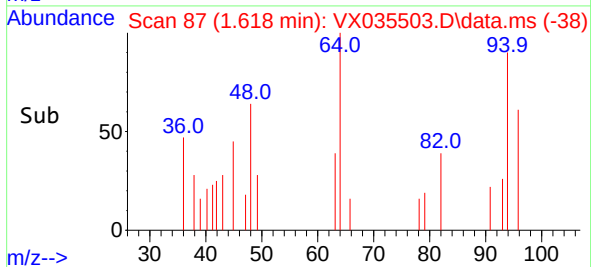
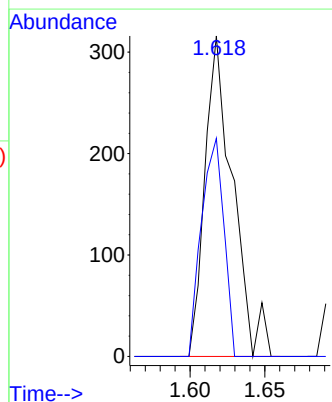
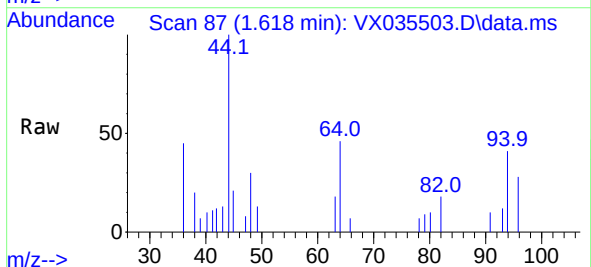
Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A

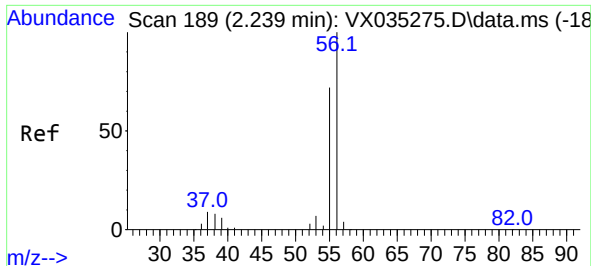
Tgt Ion:168 Resp: 220363
Ion Ratio Lower Upper
168 100
99 58.6 45.7 68.5



#5
Bromomethane
Concen: 0.289 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.001 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 68.0 77.0 115.6#

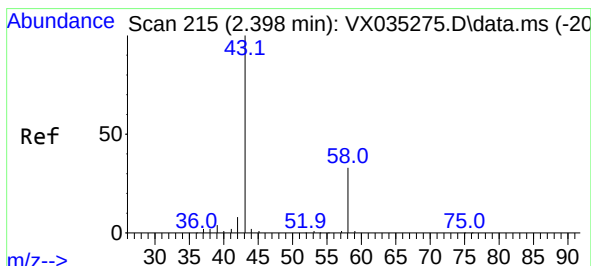
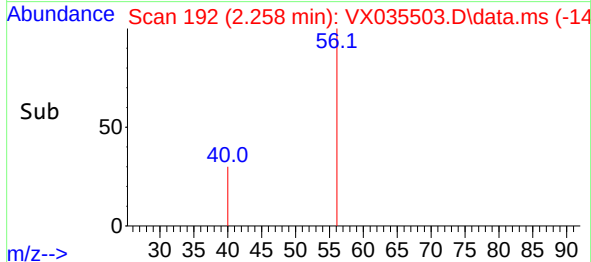
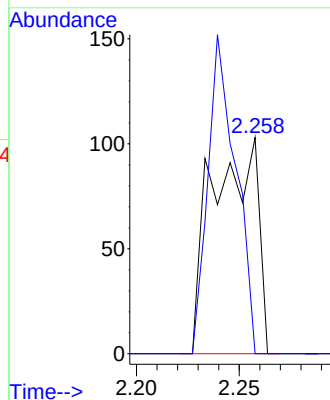
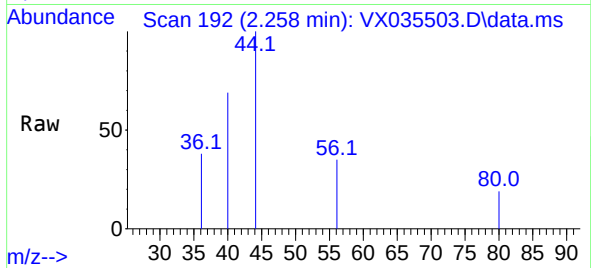




#13
Acrolein
Concen: 0.330 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.019 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

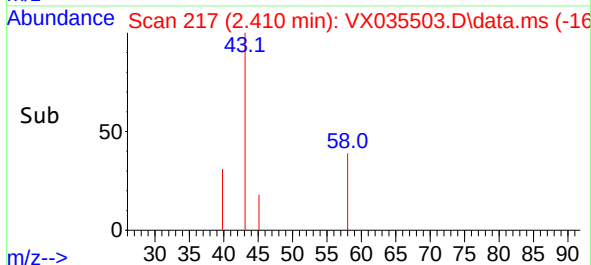
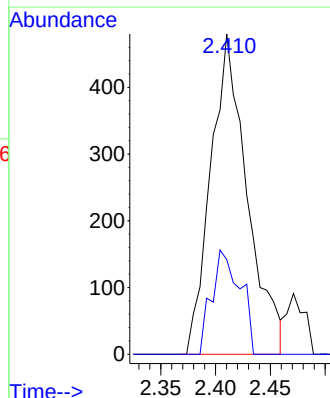
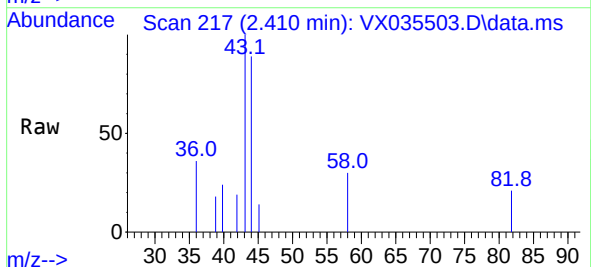
Instrument : MSVOA_X
ClientSampleId : JC-03-042823-A

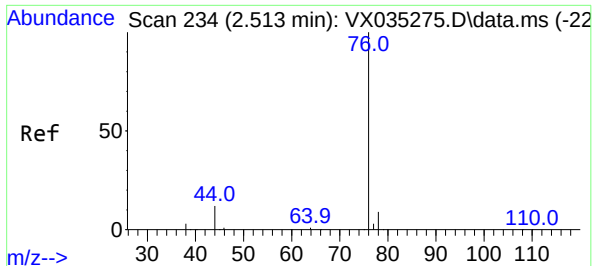
Tgt Ion: 56 Resp: 157
Ion Ratio Lower Upper
56 100
55 91.1 56.6 85.0#



#16
Acetone
Concen: 0.960 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 29.6 24.7 37.1

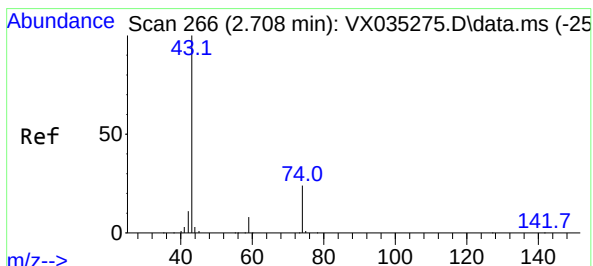
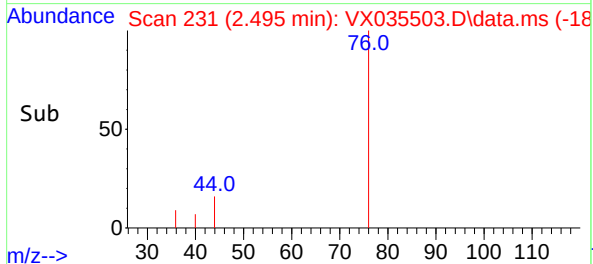
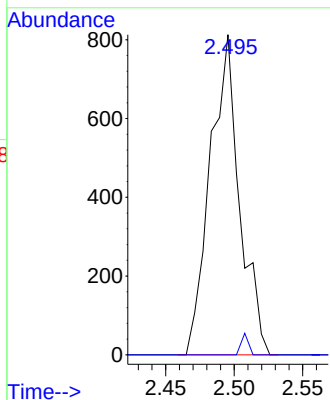
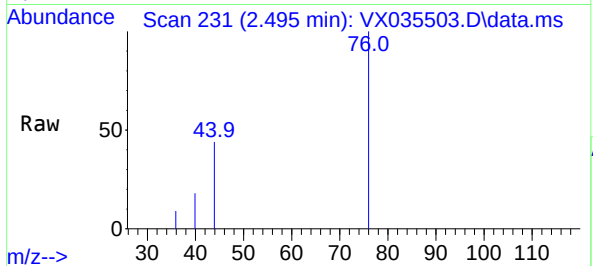




#17
Carbon Disulfide
Concen: 0.237 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.018 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

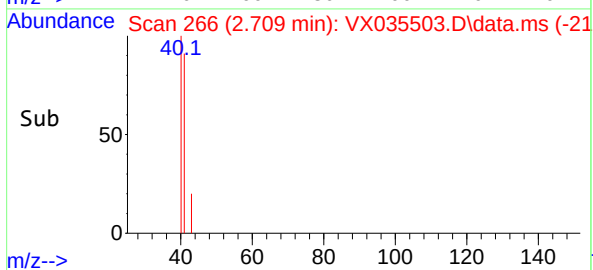
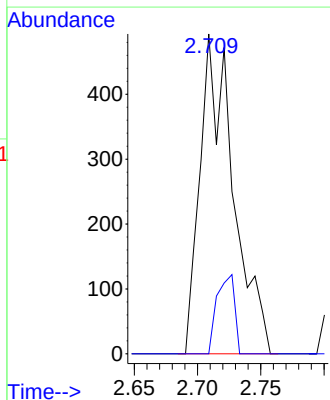
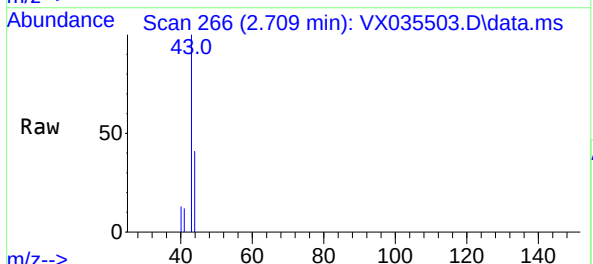
Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A

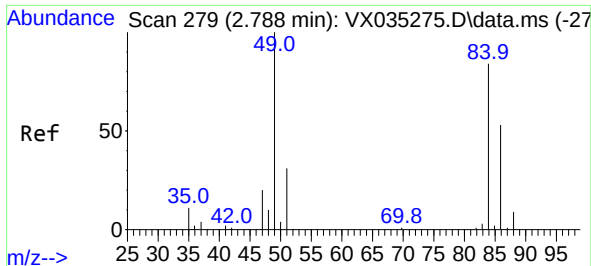
Tgt Ion: 76 Resp: 1215
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
74 13.0 18.3 27.5#



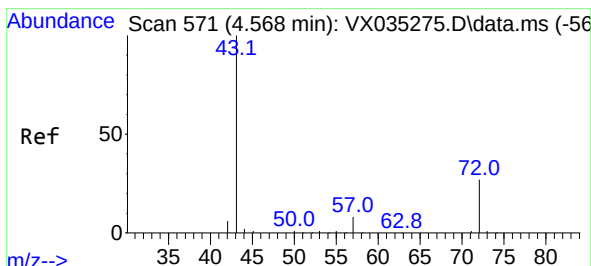
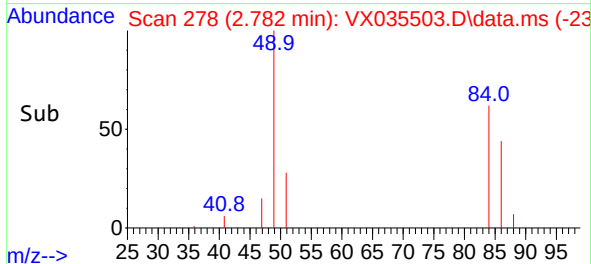
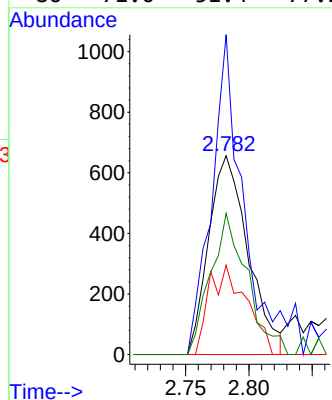
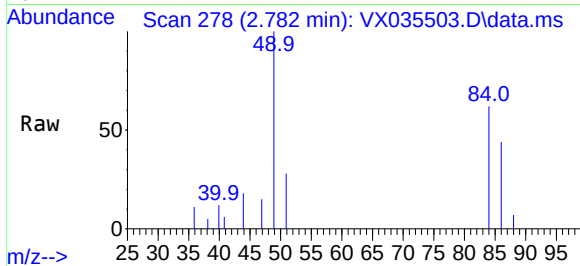


#20
Methylene Chloride
Concen: 0.538 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A

Tgt Ion: 84 Resp: 1425

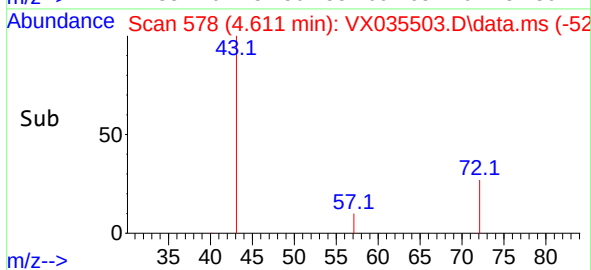
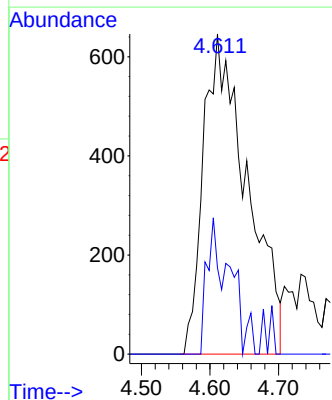
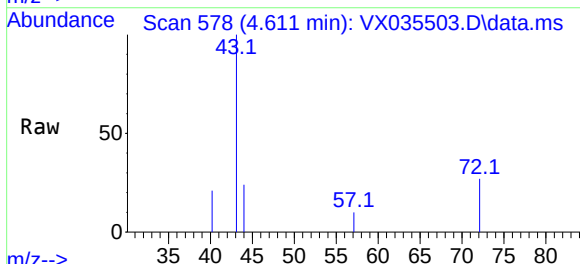
Ion	Ratio	Lower	Upper
84	100		
49	161.0	103.8	155.8#
51	45.0	31.8	47.8
86	71.0	51.4	77.2

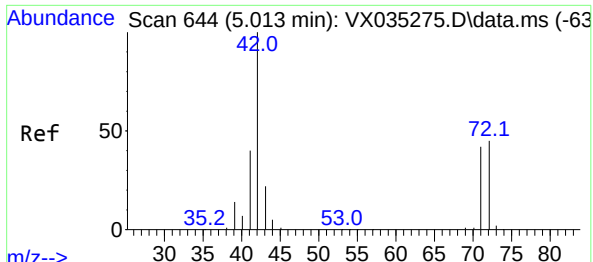


#25
2-Butanone
Concen: 1.694 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.043 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Tgt Ion: 43 Resp: 2855

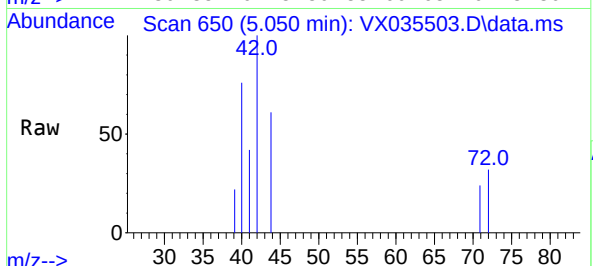
Ion	Ratio	Lower	Upper
43	100		
72	26.9	19.3	28.9



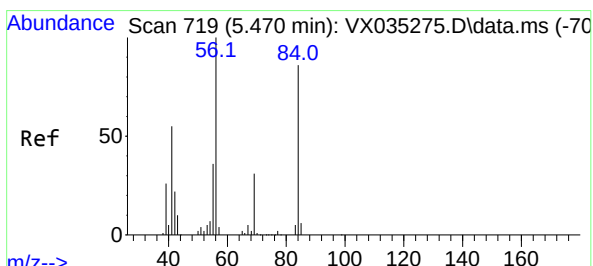
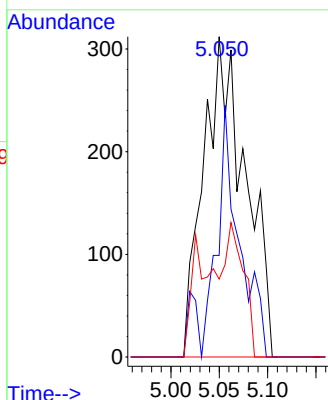
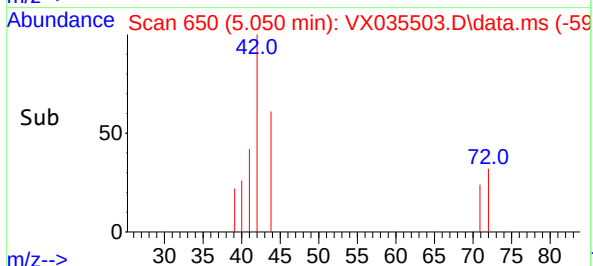


#29
Tetrahydrofuran
Concen: 0.872 ug/l
RT: 5.050 min Scan# 61
Delta R.T. 0.037 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

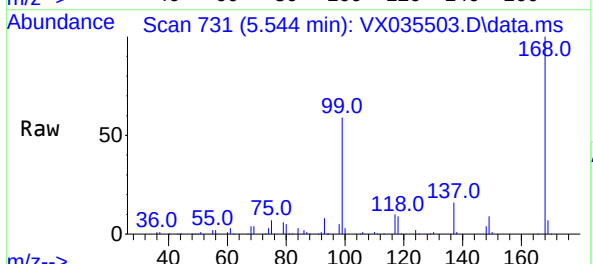
Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A



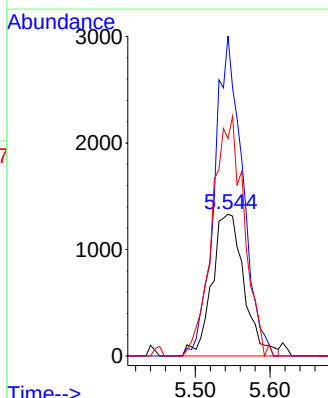
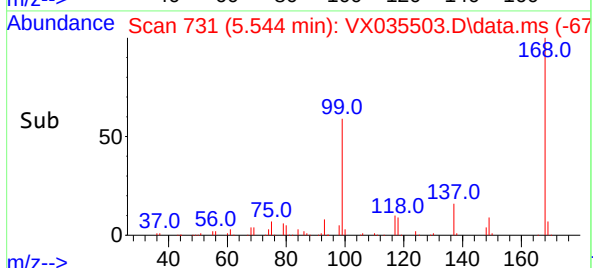
Tgt Ion: 42 Resp: 942
Ion Ratio Lower Upper
42 100
72 40.9 34.5 51.7
71 18.9 32.1 48.1#

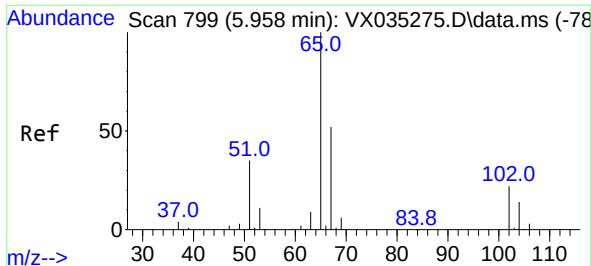


#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41



Tgt Ion: 56 Resp: 3969
Ion Ratio Lower Upper
56 100
69 225.6 23.7 35.5#
84 153.3 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.336 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035503.D

Acq: 03 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

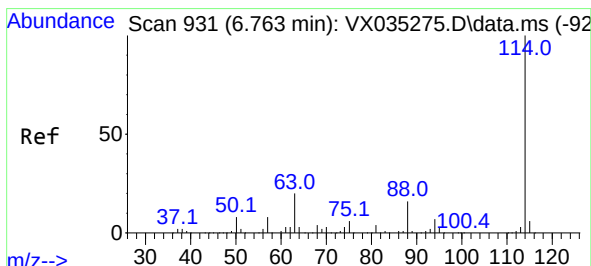
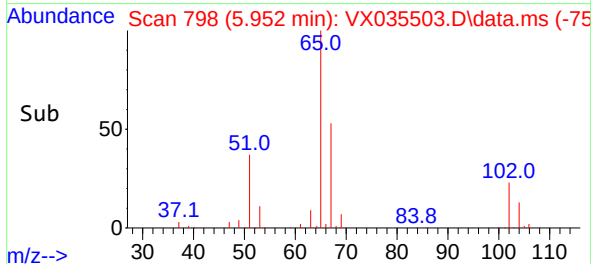
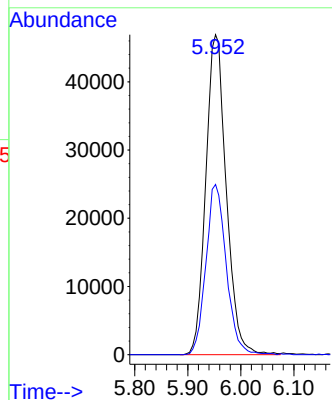
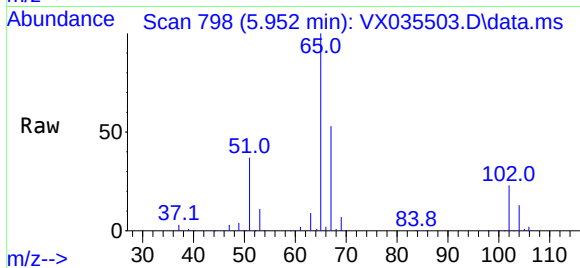
JC-03-042823-A

Tgt Ion: 65 Resp: 125844

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035503.D

Acq: 03 May 2023 12:41

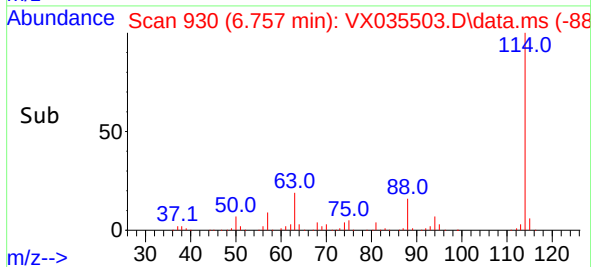
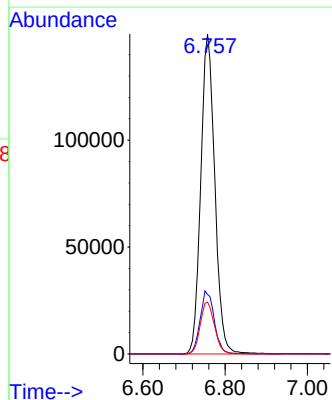
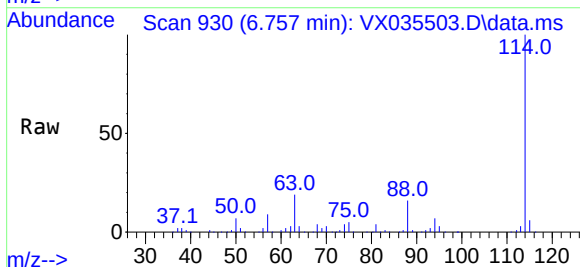
Tgt Ion: 114 Resp: 354792

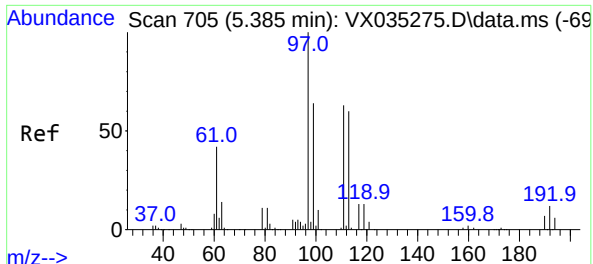
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.2

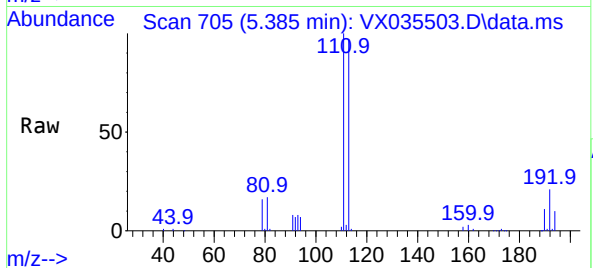
88 16.2 0.0 33.2



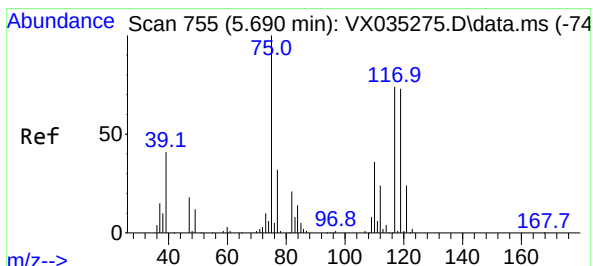
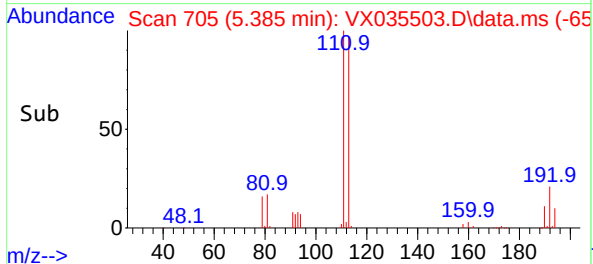
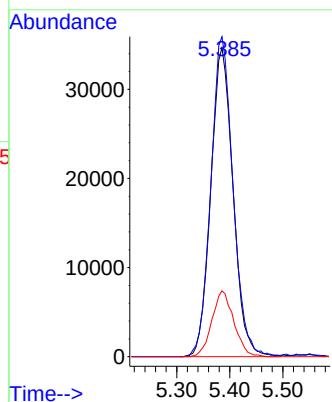


#35
Dibromofluoromethane
Concen: 46.338 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A

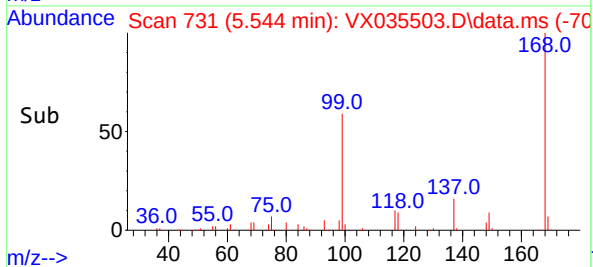
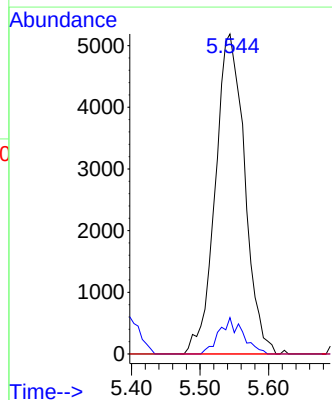
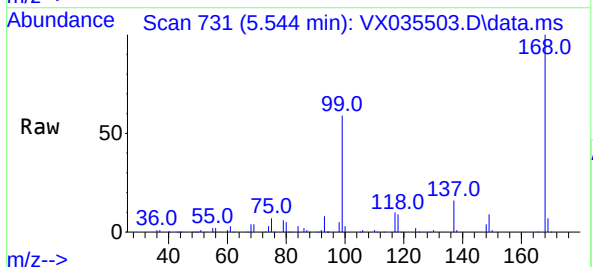


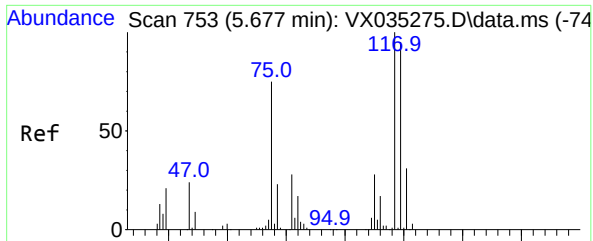
Tgt Ion:113 Resp: 100905
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 21.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.524 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

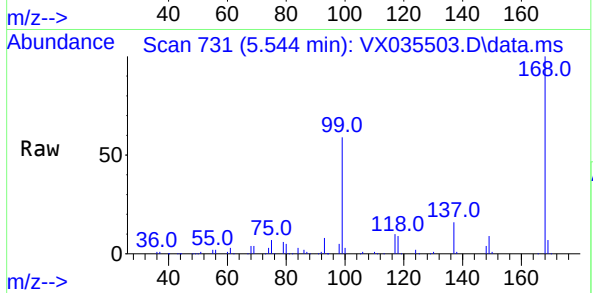
Tgt Ion: 75 Resp: 15382
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



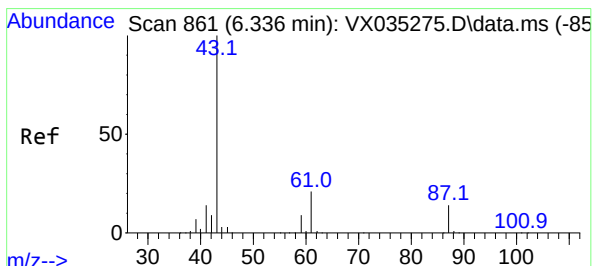
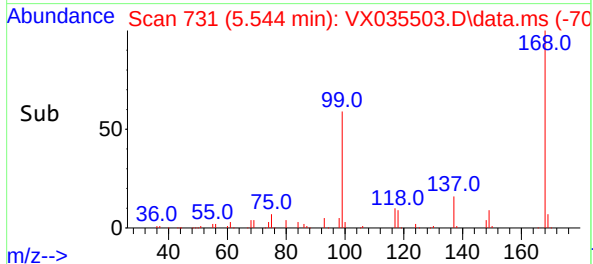
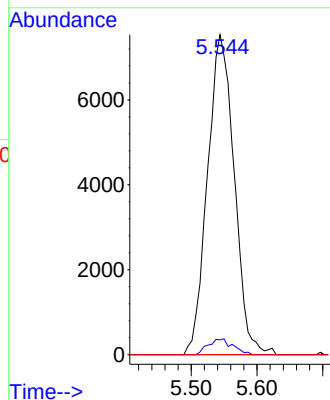


#38
Carbon Tetrachloride
Concen: 6.613 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A

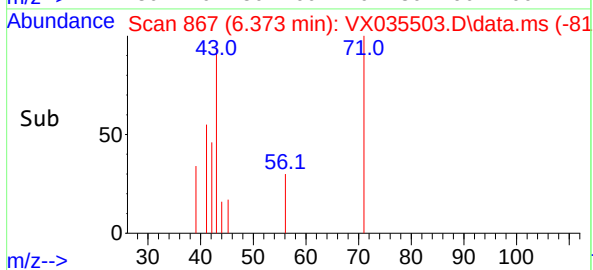
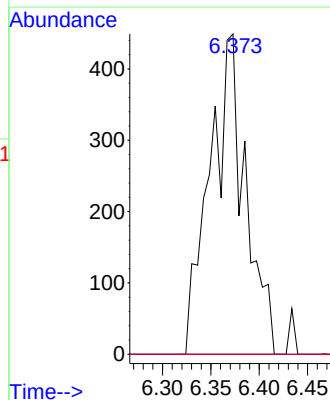
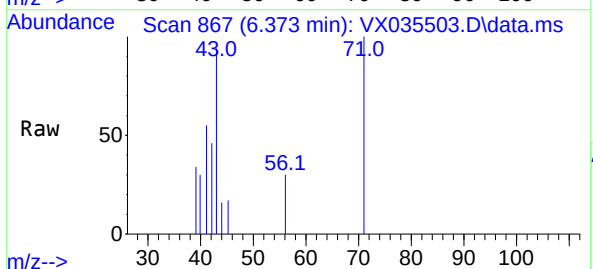


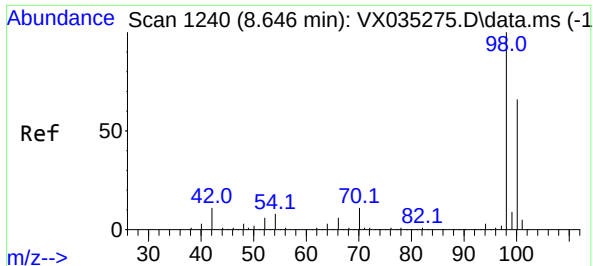
Tgt Ion:117 Resp: 21347
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 0.219 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.037 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.8#

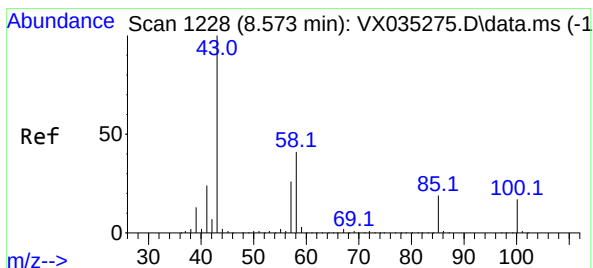
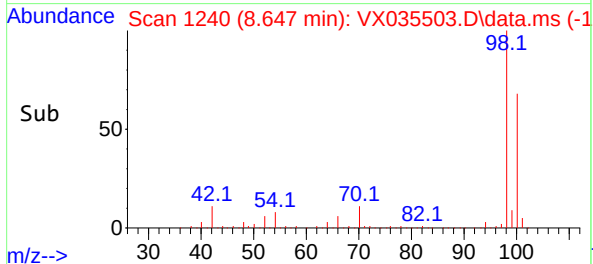
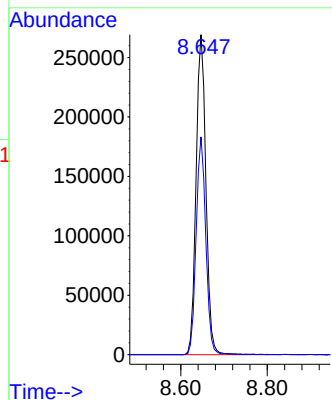
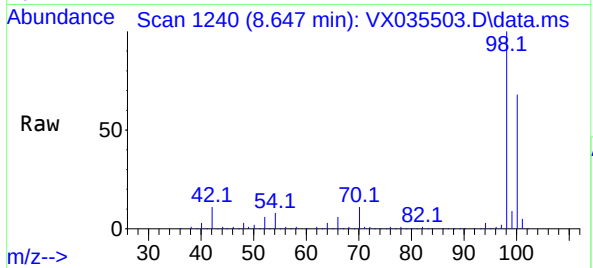




#50
Toluene-d8
Concen: 51.762 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

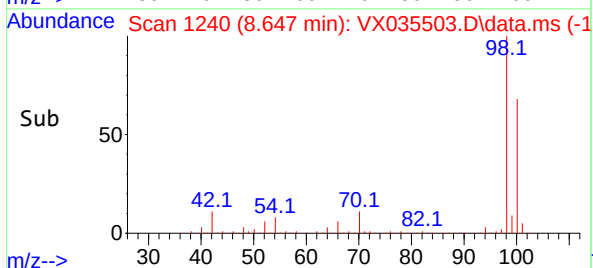
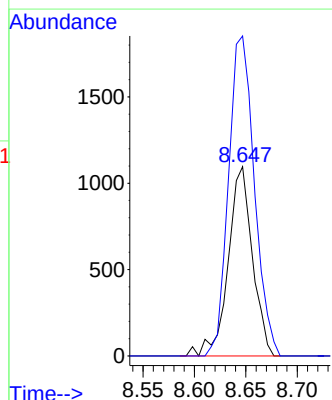
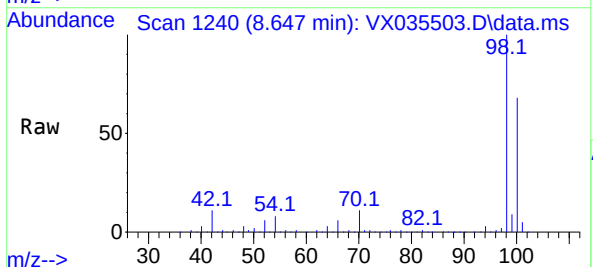
Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A

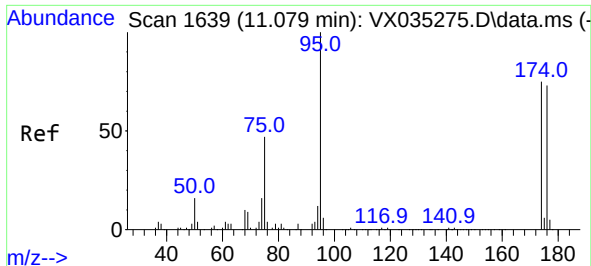
Tgt Ion: 98 Resp: 425210
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Tgt Ion: 43 Resp: 1801
Ion Ratio Lower Upper
43 100
58 179.8 30.6 46.0#

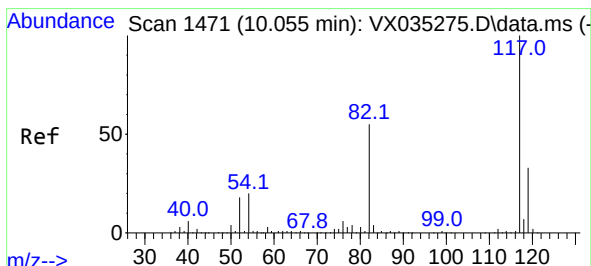
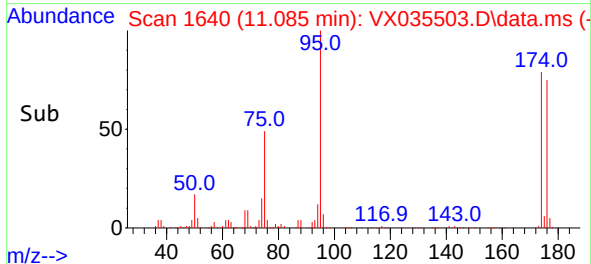
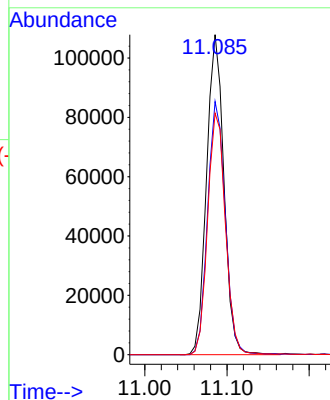
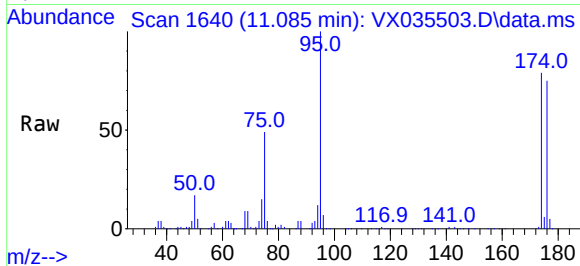




#62
4-Bromofluorobenzene
Concen: 51.208 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

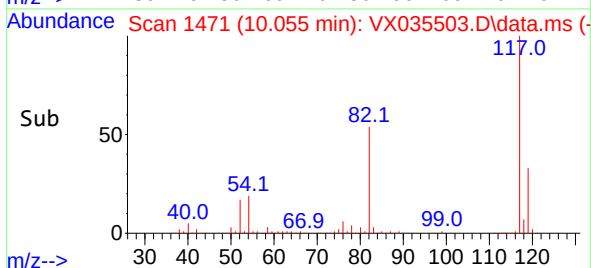
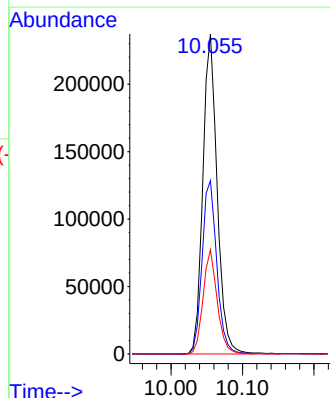
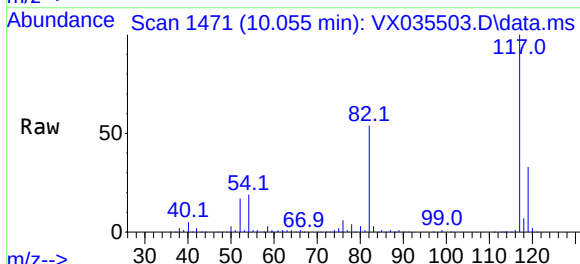
Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A

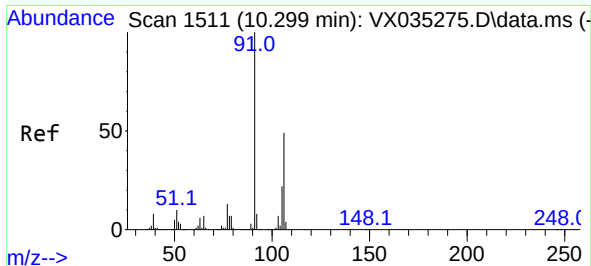
Tgt Ion: 95 Resp: 158242
Ion Ratio Lower Upper
95 100
174 80.5 0.0 147.4
176 77.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Tgt Ion: 117 Resp: 329936
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.6 26.0 39.0

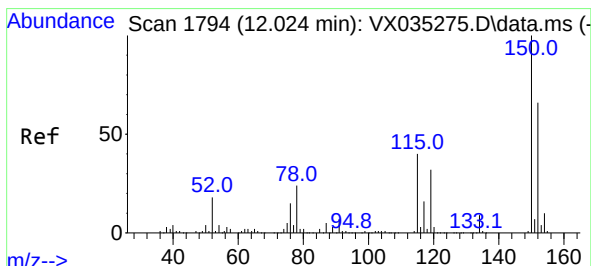
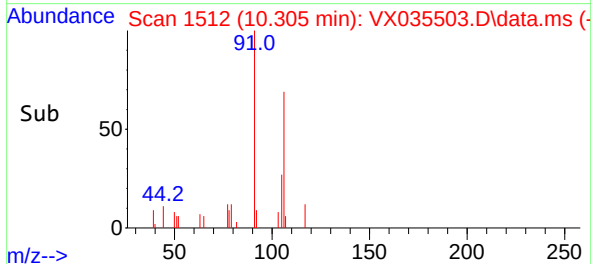
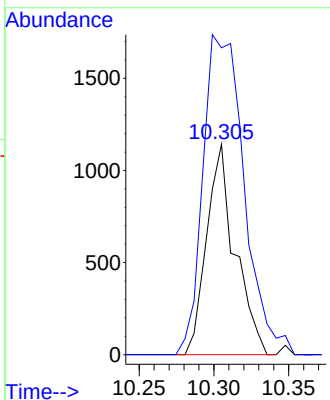
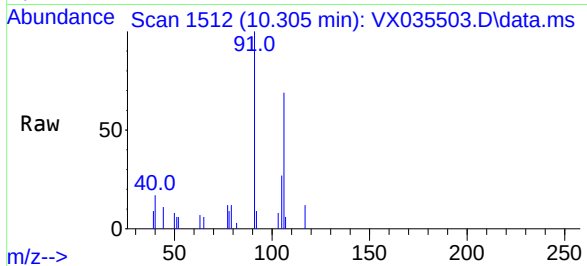




#68
m/p-Xylenes
Concen: 0.318 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

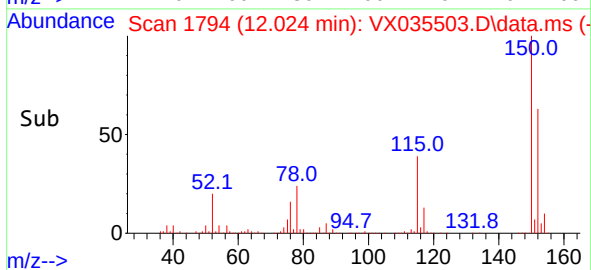
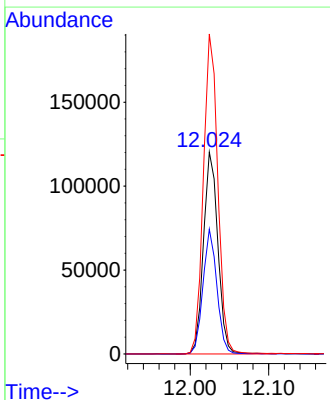
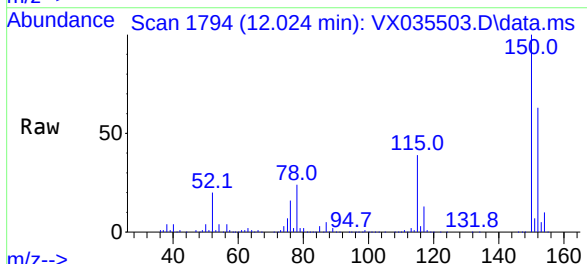
Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A

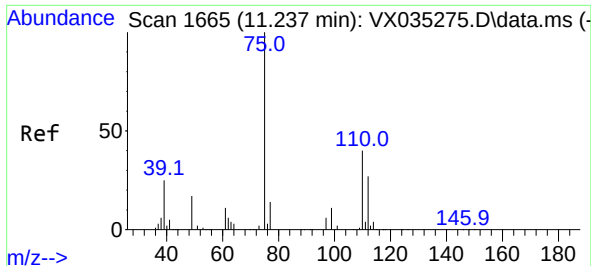
Tgt Ion:106 Resp: 1505
Ion Ratio Lower Upper
106 100
91 220.8 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Tgt Ion:152 Resp: 153545
Ion Ratio Lower Upper
152 100
115 59.7 45.0 135.0
150 158.4 0.0 352.4

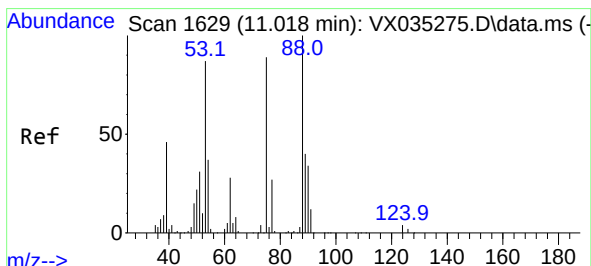
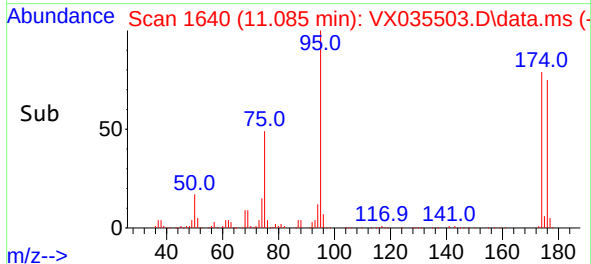
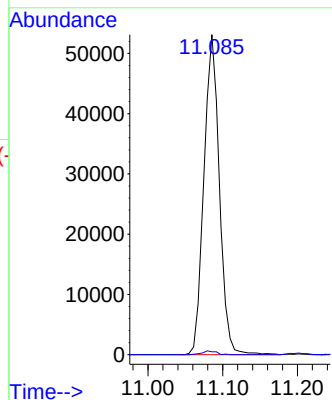
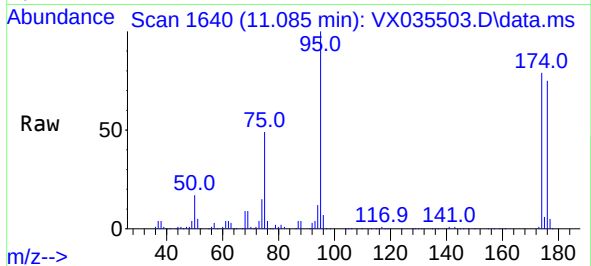




#76
1,2,3-Trichloropropane
Concen: 24.919 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

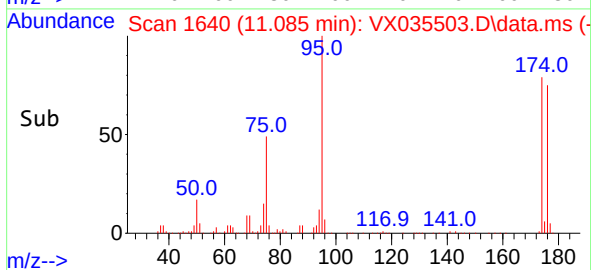
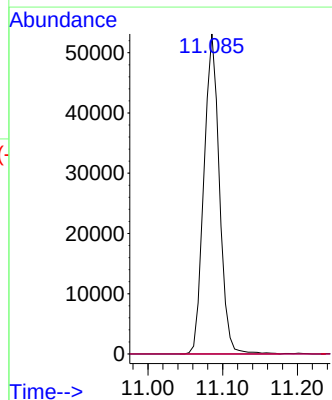
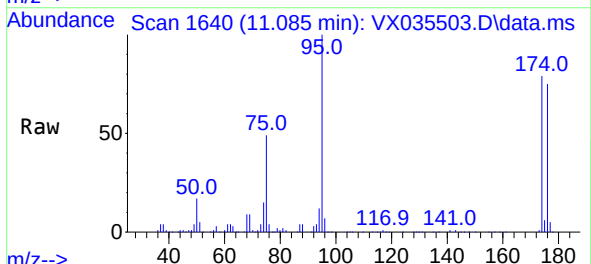
Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A

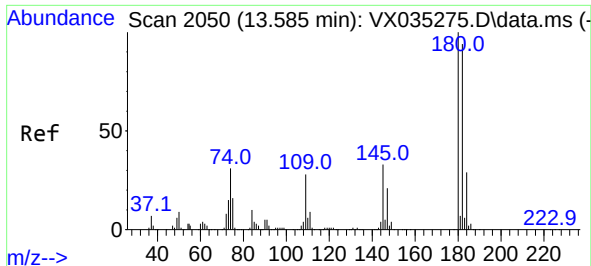
Tgt Ion: 75 Resp: 76323
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.707 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Tgt Ion: 75 Resp: 76323
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.303 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035503.D

Acq: 03 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

JC-03-042823-A

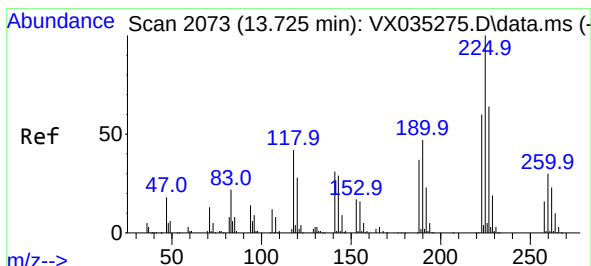
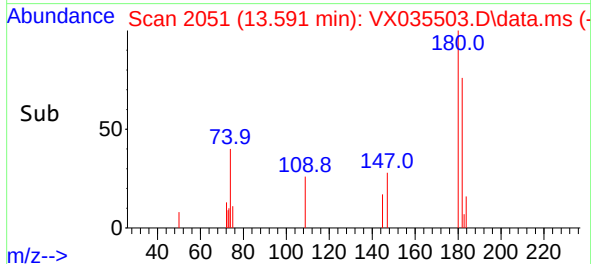
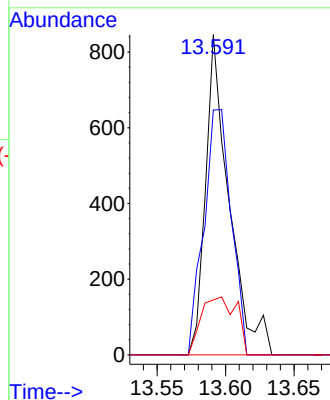
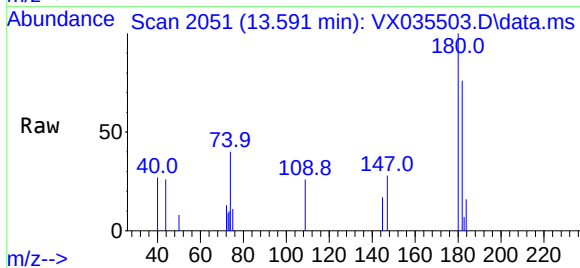
Tgt Ion:180 Resp: 1011

Ion Ratio Lower Upper

180 100

182 89.0 47.0 141.0

145 27.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 0.839 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035503.D

Acq: 03 May 2023 12:41

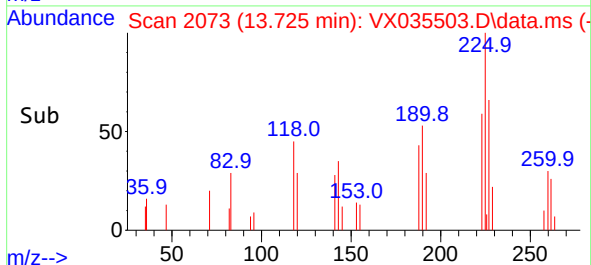
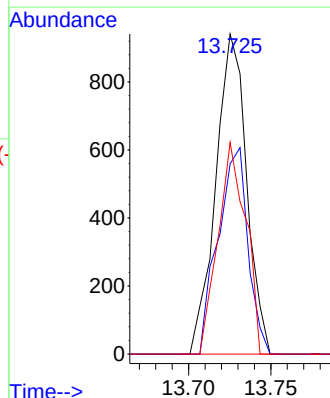
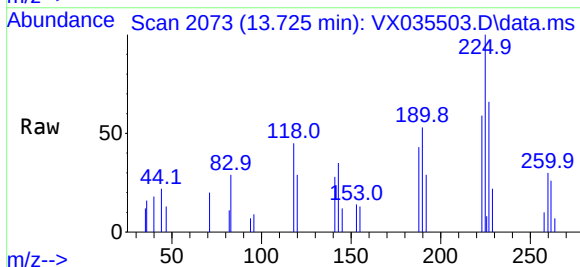
Tgt Ion:225 Resp: 1228

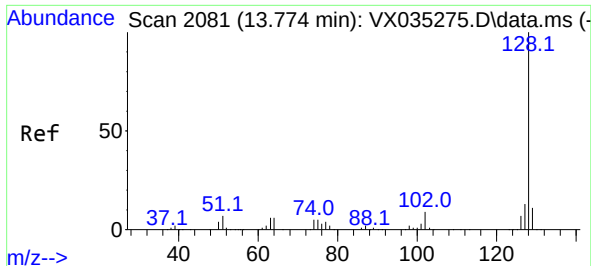
Ion Ratio Lower Upper

225 100

223 62.4 32.1 96.5

227 59.6 31.8 95.4

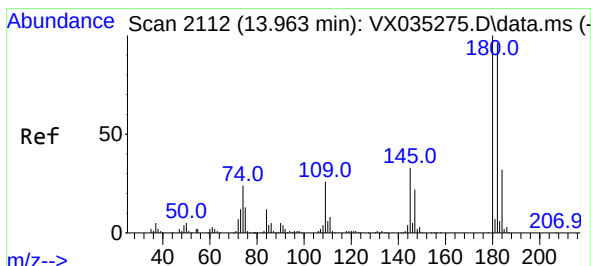
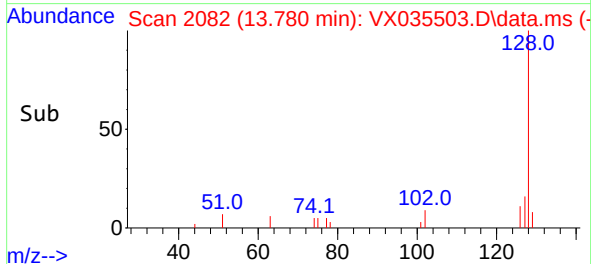
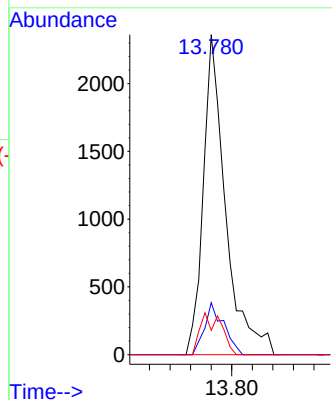
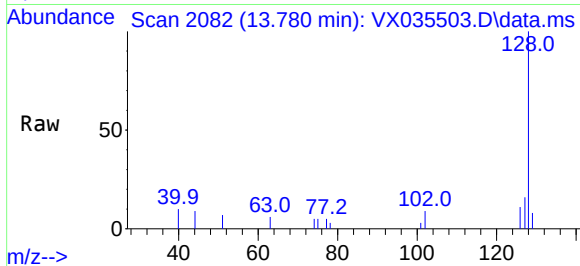




#95
Naphthalene
Concen: 0.346 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
JC-03-042823-A

Tgt Ion:128	Resp:	3553
Ion	Ratio	Lower Upper
128	100	
127	14.0	10.2 15.4
129	12.3	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.347 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035503.D
Acq: 03 May 2023 12:41

Tgt Ion:180	Resp:	1165
Ion	Ratio	Lower Upper
180	100	
182	86.2	48.0 144.2
145	33.7	17.7 53.1

