

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036992.D
 Acq On : 15 Aug 2023 16:56
 Operator : JC/MD
 Sample : 03989-04
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 15 18:08:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

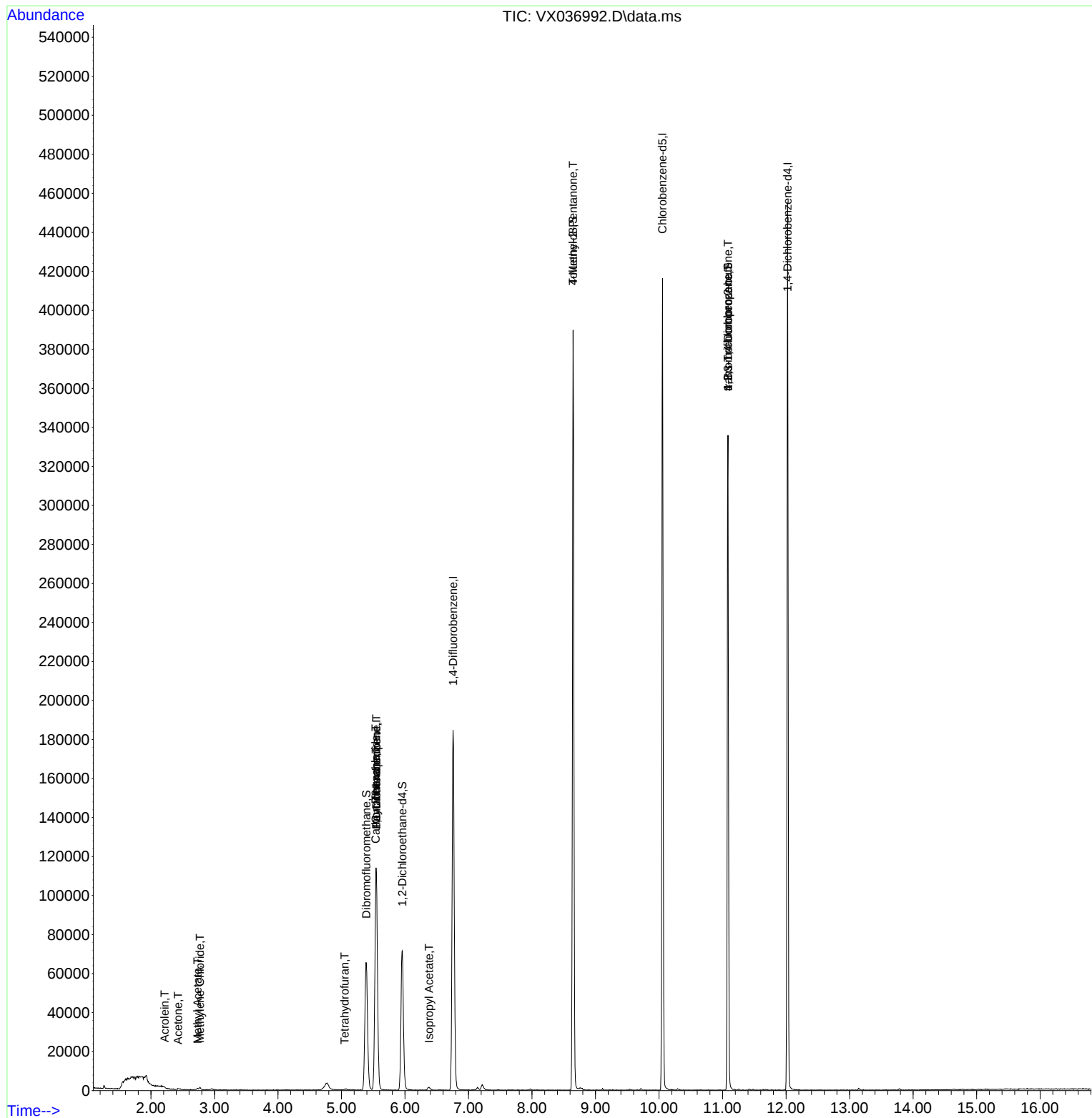
Internal Standards						
1) Pentafluorobenzene	5.550	168	105117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72509	46.619	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.240%		
35) Dibromofluoromethane	5.391	113	59181	44.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.660%		
50) Toluene-d8	8.647	98	231037	49.353	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.700%		
62) 4-Bromofluorobenzene	11.085	95	95660	54.163	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.320%		
Target Compounds						
					Qvalue	
13) Acrolein	2.215	56	49	0.233	ug/l #	16
16) Acetone	2.428	43	1016	1.574	ug/l	96
18) Methyl Acetate	2.733	43	688	0.253	ug/l #	60
20) Methylene Chloride	2.770	84	636	0.443	ug/l	92
29) Tetrahydrofuran	5.050	42	293	0.434	ug/l #	39
31) Cyclohexane	5.544	56	2344	1.088	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8711	4.427	ug/l #	50
38) Carbon Tetrachloride	5.538	117	11131	5.321	ug/l #	15
43) Isopropyl Acetate	6.379	43	815	0.213	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	1022	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	49914	23.163	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	49914	52.500	ug/l #	5

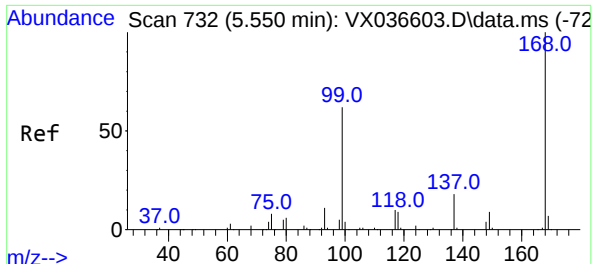
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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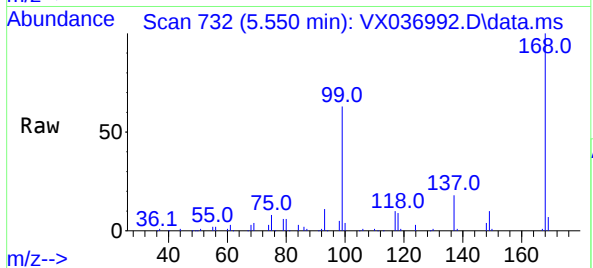
Quant Time: Aug 15 18:08:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



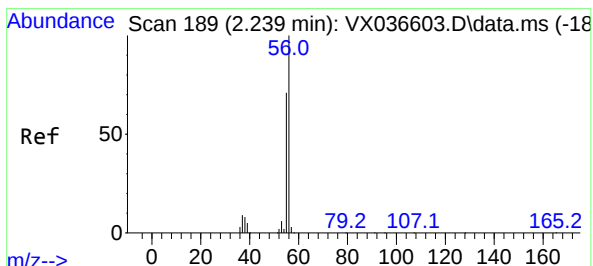
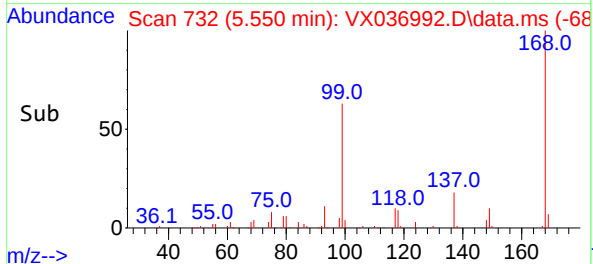
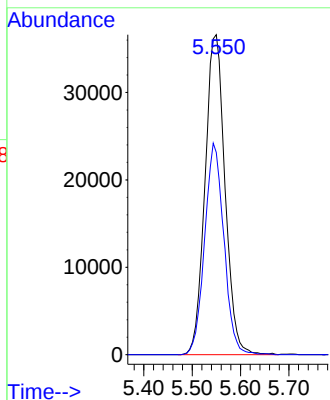


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :

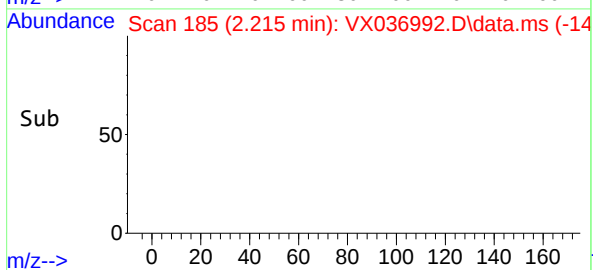
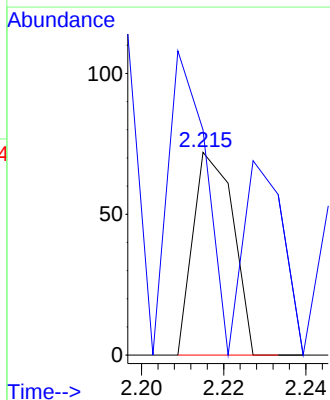
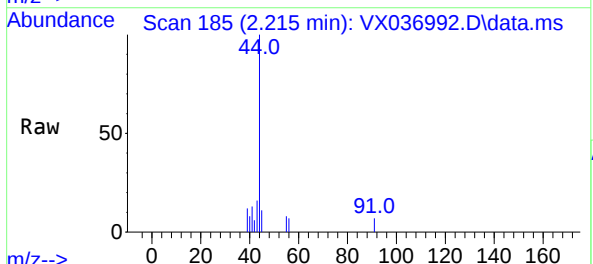


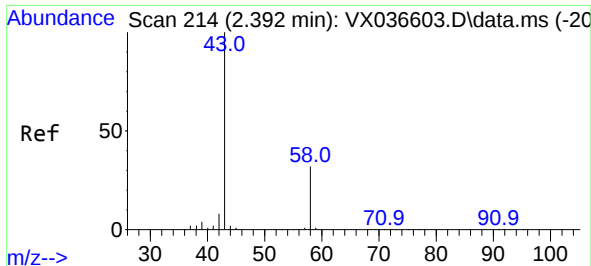
Tgt Ion:168 Resp: 105117
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#13
Acrolein
Concen: 0.233 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 140.8 57.1 85.7#

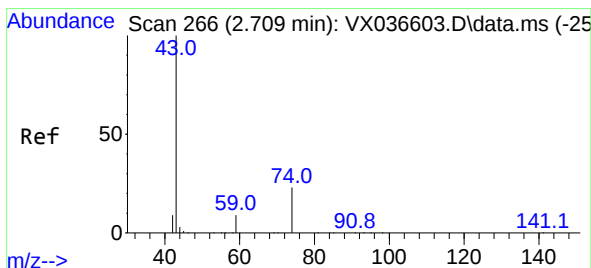
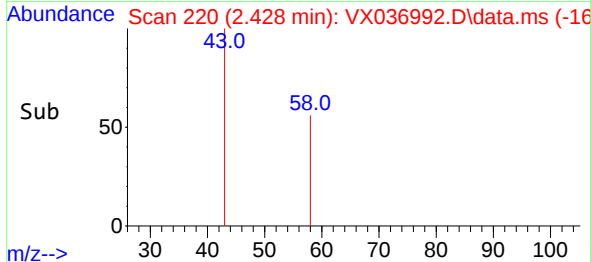
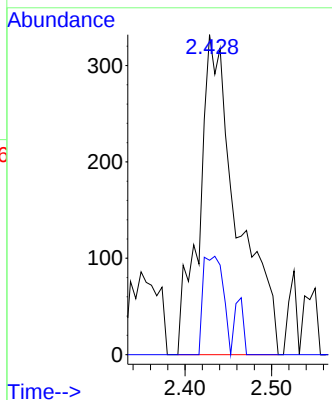
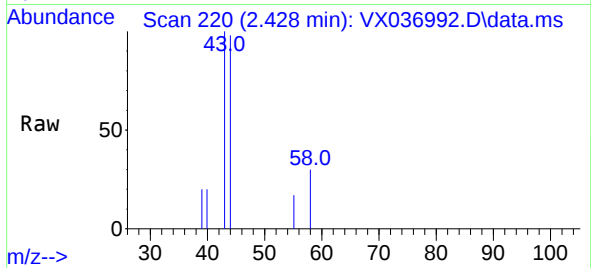




#16
Acetone
Concen: 1.574 ug/l
RT: 2.428 min Scan# 21
Delta R.T. 0.037 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

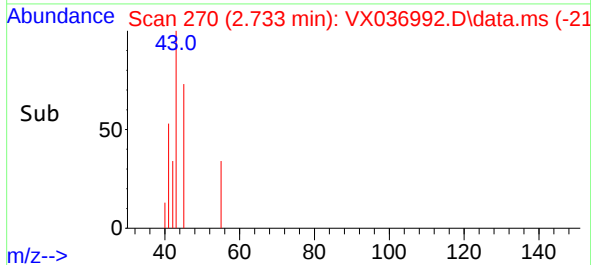
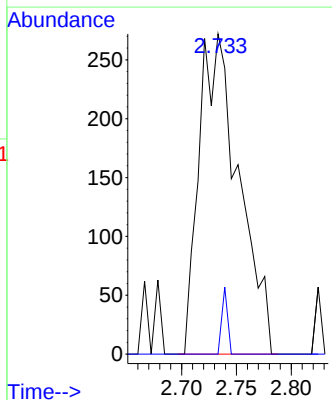
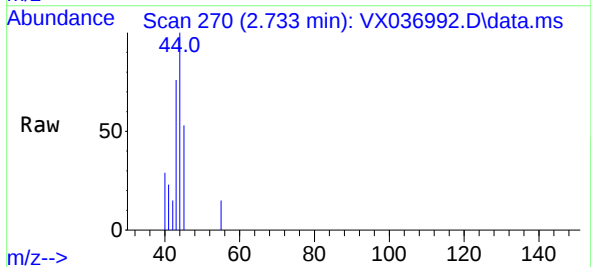
Instrument :
MSVOA_X
ClientSampleId :

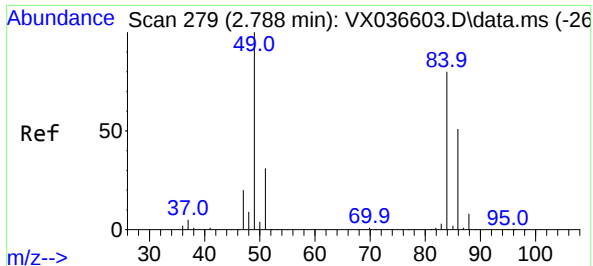
Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9



#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 2.733 min Scan# 270
Delta R.T. 0.024 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

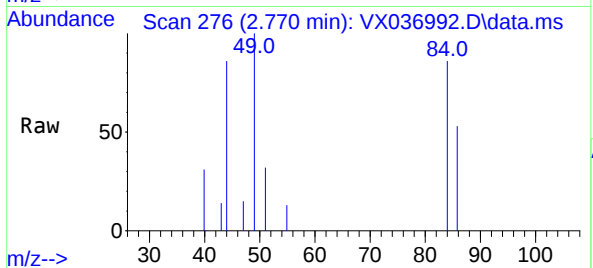
Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
74 3.1 17.8 26.8#





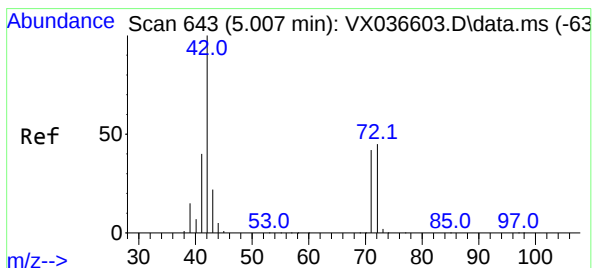
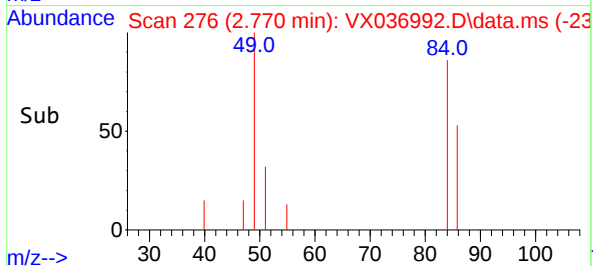
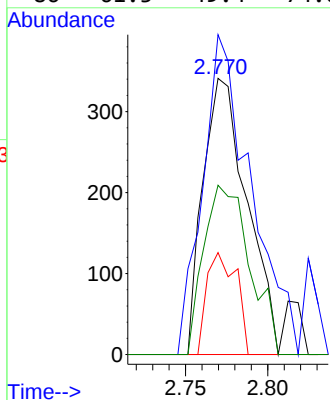
#20
Methylene Chloride
Concen: 0.443 ug/l
RT: 2.770 min Scan# 21
Delta R.T. -0.018 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 636

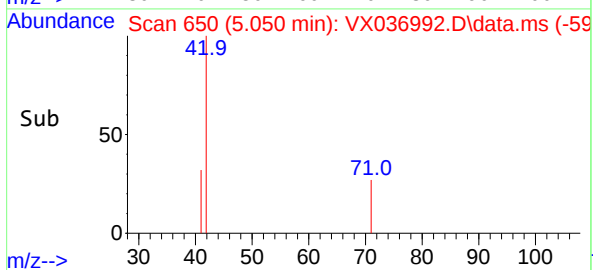
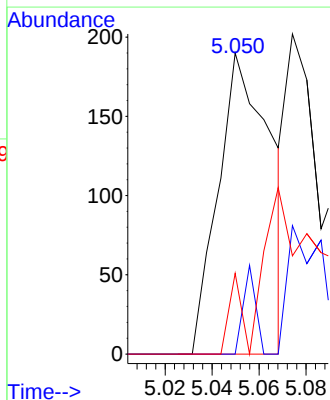
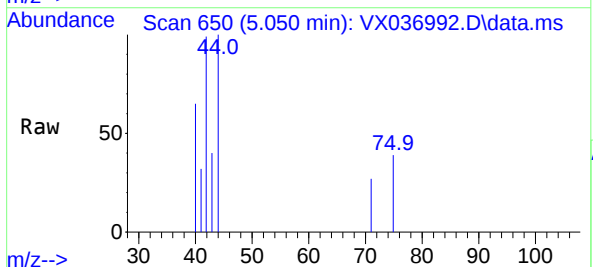
Ion	Ratio	Lower	Upper
84	100		
49	115.8	103.6	155.4
51	37.0	33.8	50.6
86	61.3	49.4	74.0

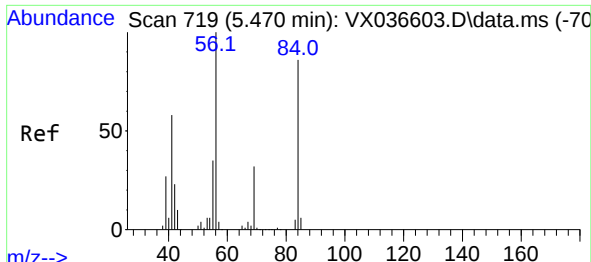


#29
Tetrahydrofuran
Concen: 0.434 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.043 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Tgt Ion: 42 Resp: 293

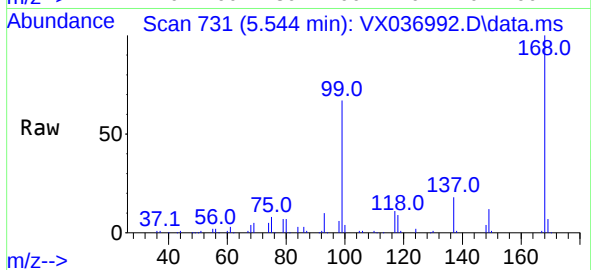
Ion	Ratio	Lower	Upper
42	100		
72	6.8	34.2	51.4#
71	0.0	32.2	48.2#



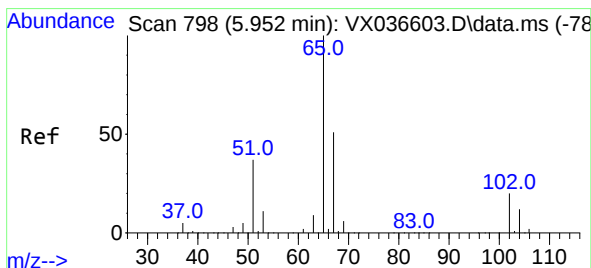
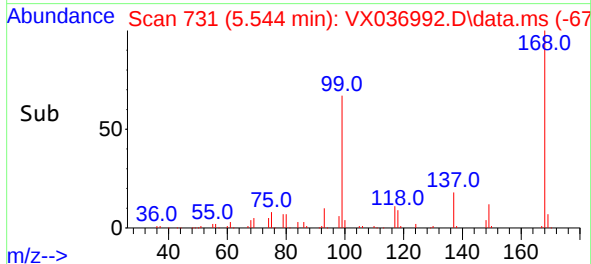
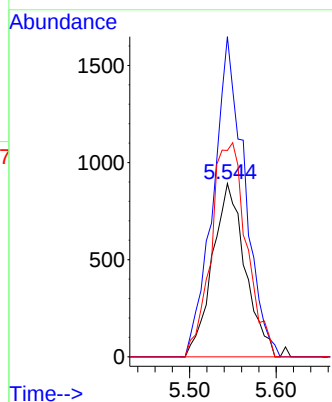


#31
Cyclohexane
Concen: 1.088 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :

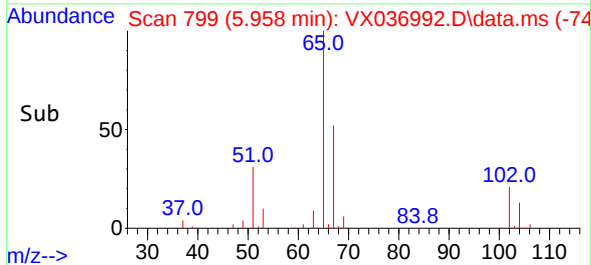
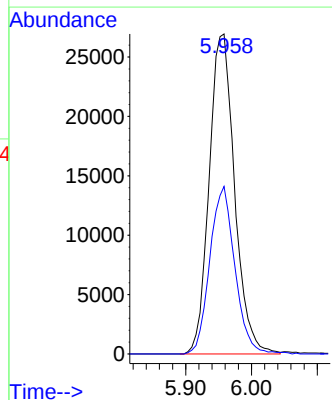
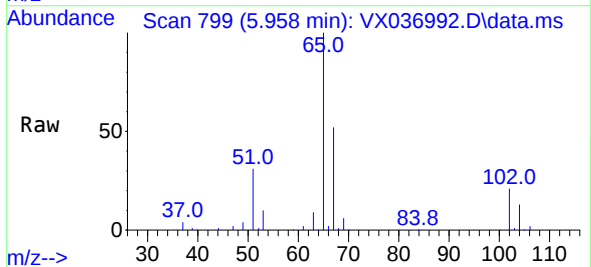


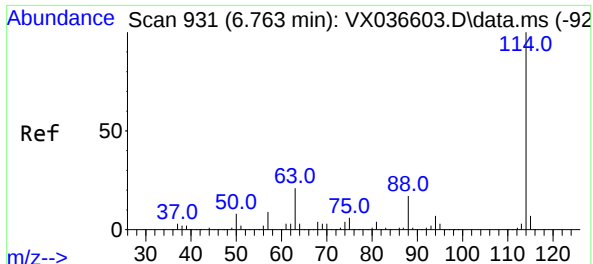
Tgt Ion: 56 Resp: 2344
Ion Ratio Lower Upper
56 100
69 184.8 23.4 35.2#
84 119.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.619 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Tgt Ion: 65 Resp: 72509
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX036992.D

Acq: 15 Aug 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

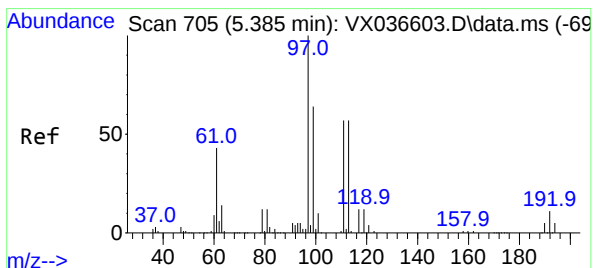
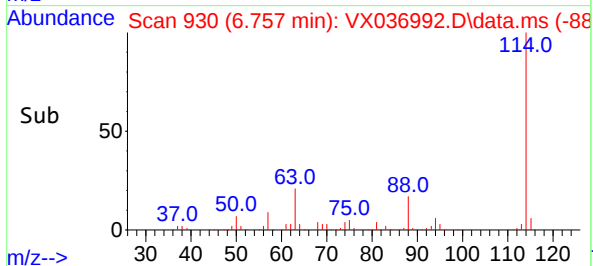
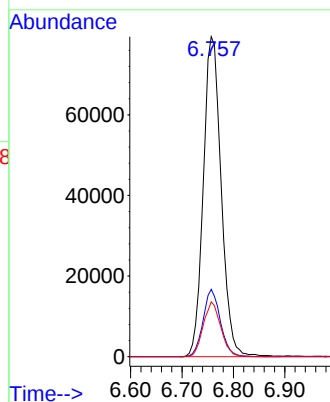
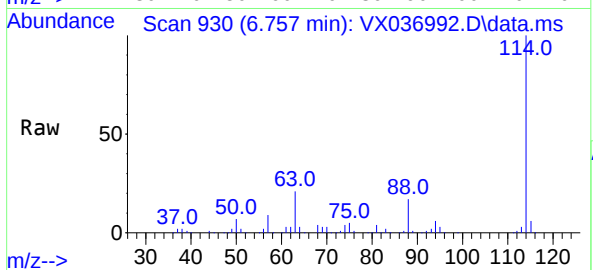
Tgt Ion:114 Resp: 192054

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 17.2 0.0 36.6



#35

Dibromofluoromethane

Concen: 44.832 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX036992.D

Acq: 15 Aug 2023 16:56

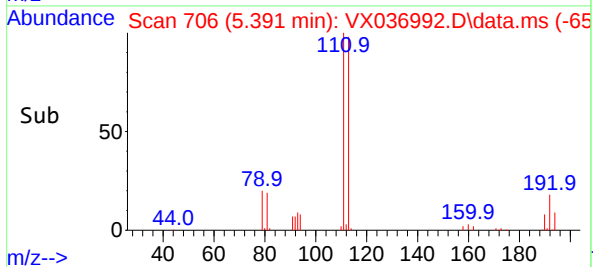
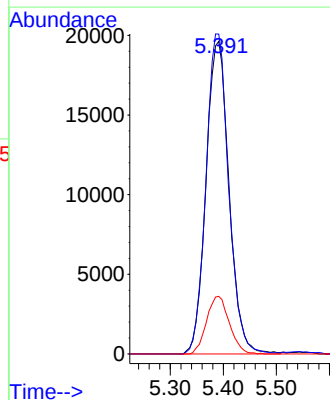
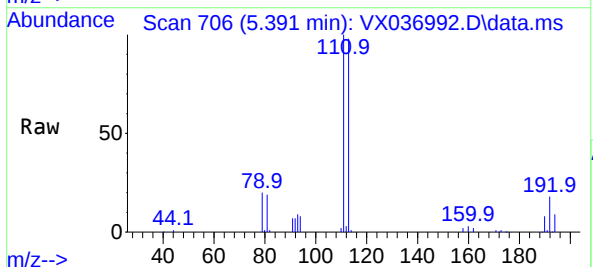
Tgt Ion:113 Resp: 59181

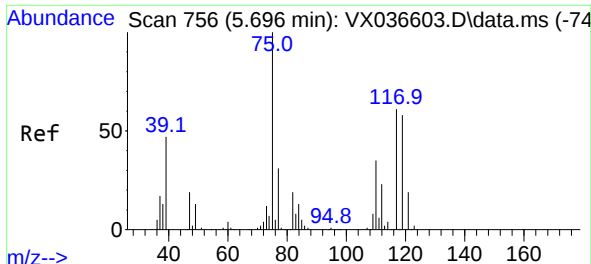
Ion Ratio Lower Upper

113 100

111 101.1 82.9 124.3

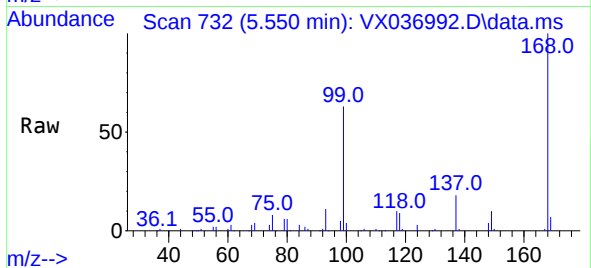
192 18.2 13.3 19.9



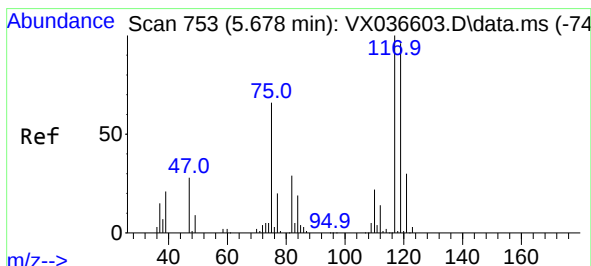
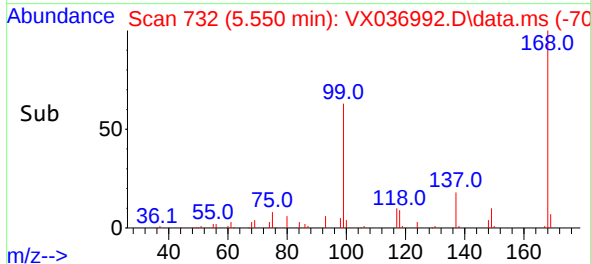
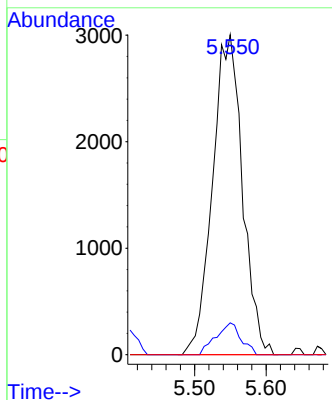


#36
1,1-Dichloropropene
Concen: 4.427 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :

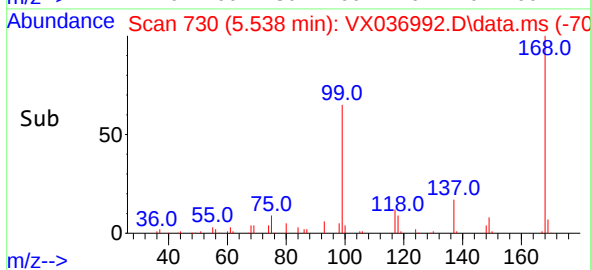
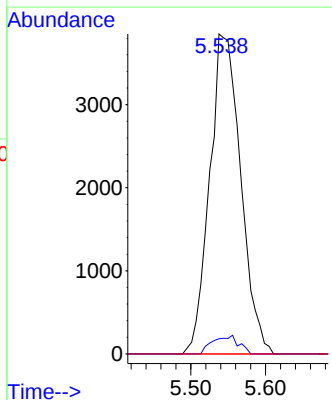
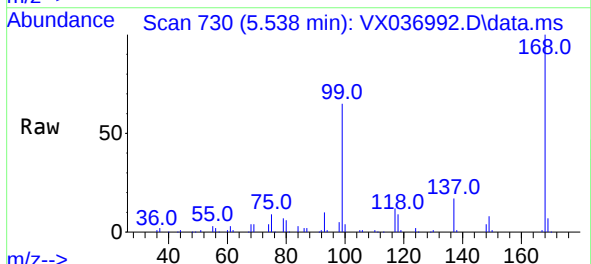


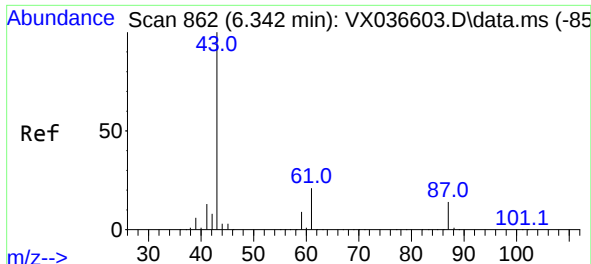
Tgt Ion: 75 Resp: 8711
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.321 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.140 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

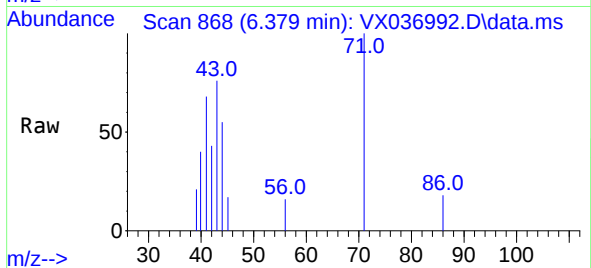
Tgt Ion: 117 Resp: 11131
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



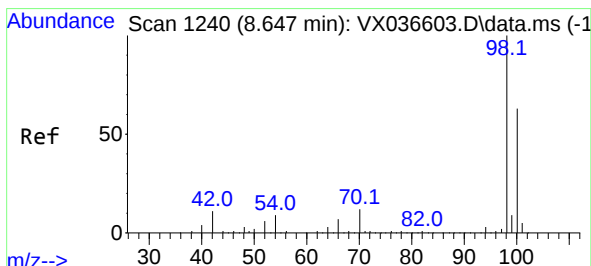
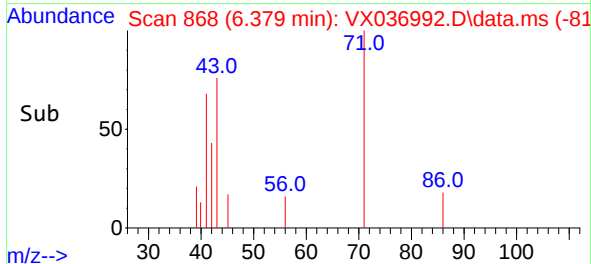
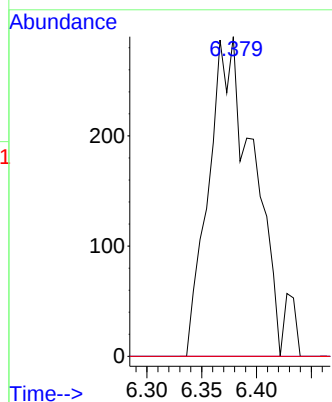


#43
Isopropyl Acetate
Concen: 0.213 ug/l
RT: 6.379 min Scan# 862
Delta R.T. 0.037 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :

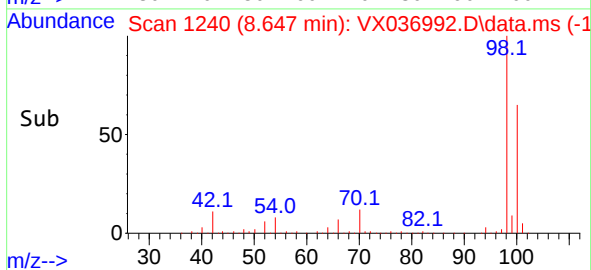
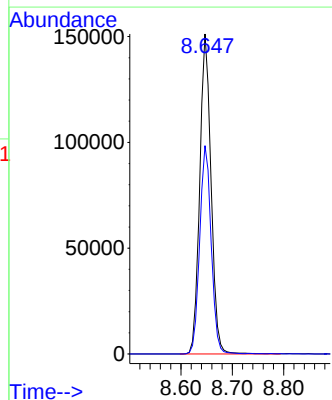
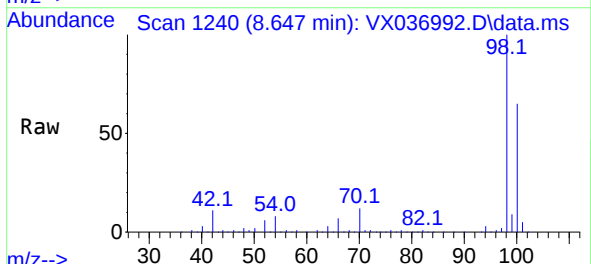


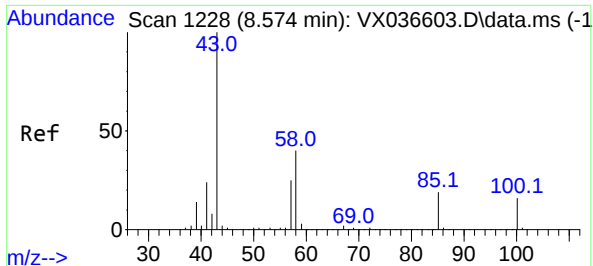
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 49.353 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Tgt Ion: 98 Resp: 231037
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

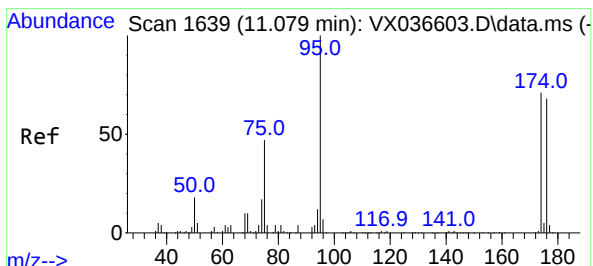
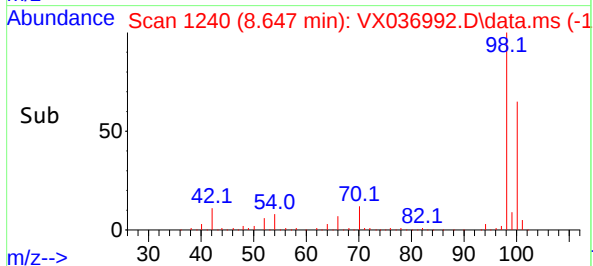
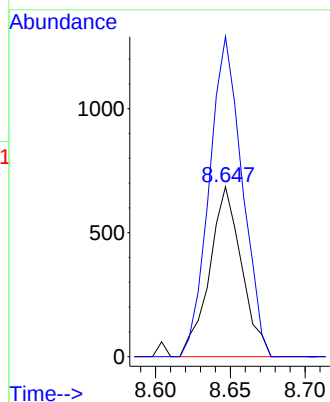
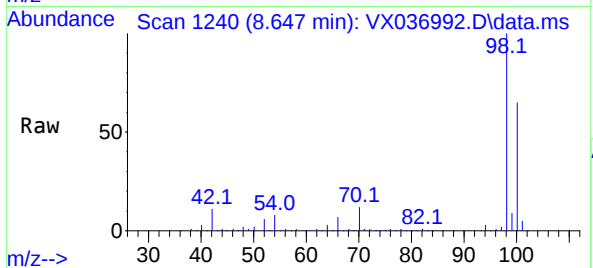




#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

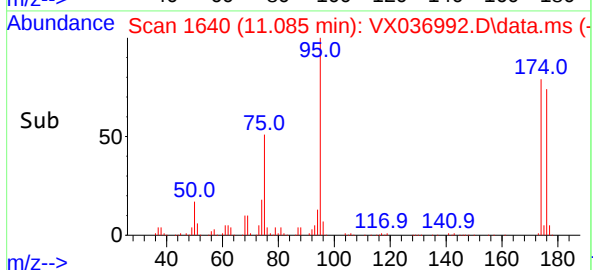
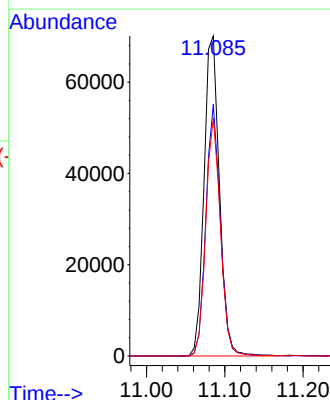
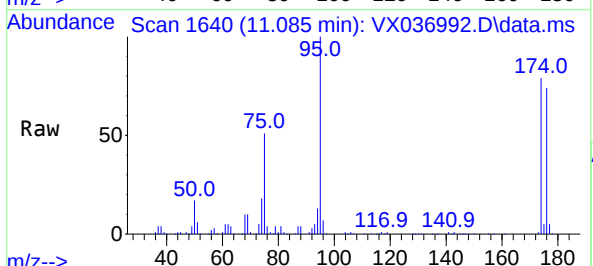
Instrument :
MSVOA_X
ClientSampleId :

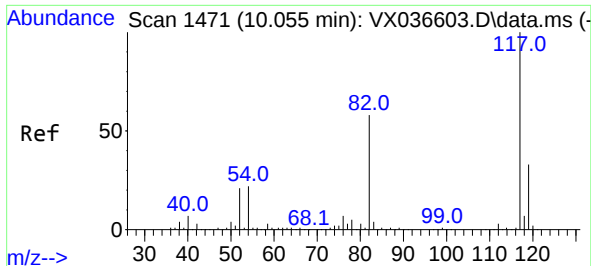
Tgt Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
58 193.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 54.163 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

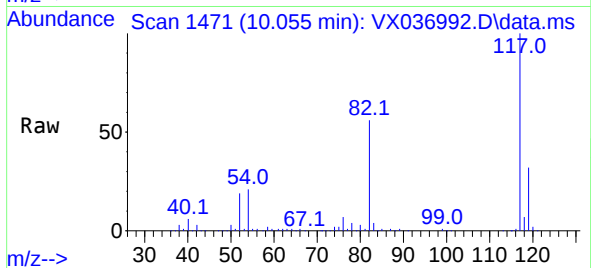
Tgt Ion: 95 Resp: 95660
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.8 0.0 131.0



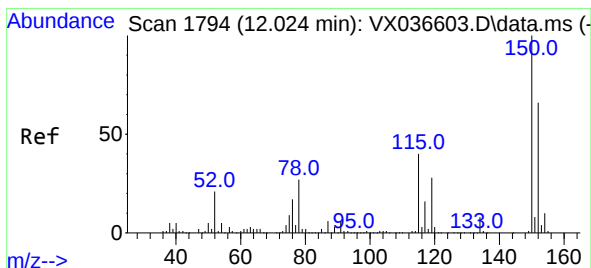
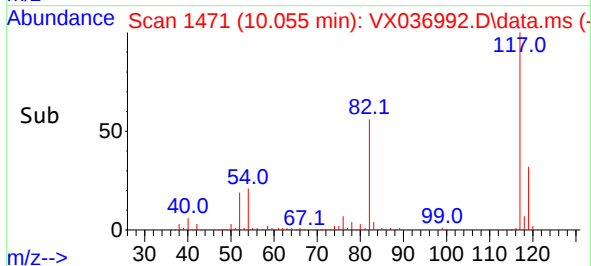
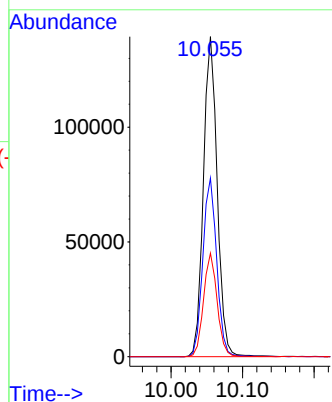


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :

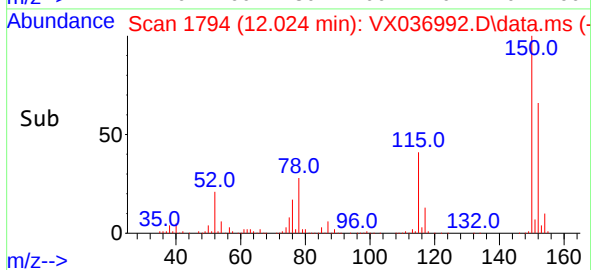
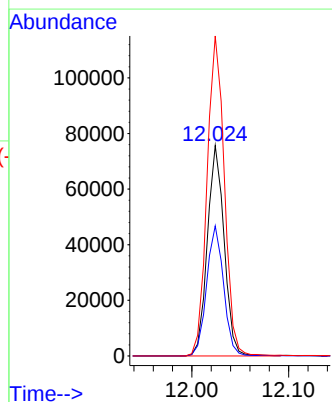
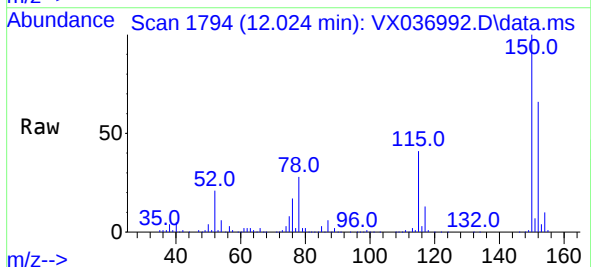


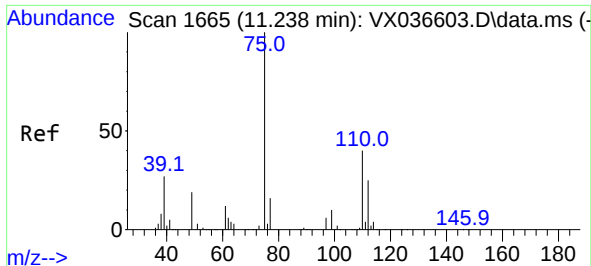
Tgt Ion:117 Resp: 187067
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Tgt Ion:152 Resp: 91616
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 156.6 0.0 345.0

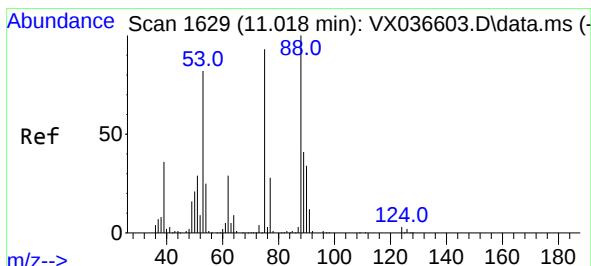
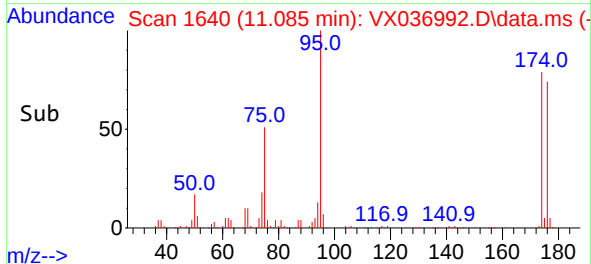
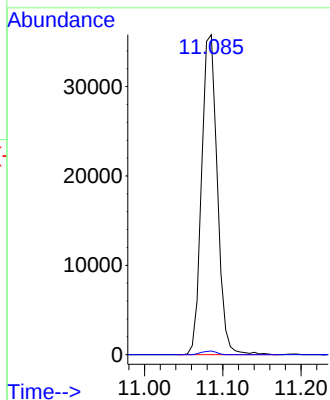
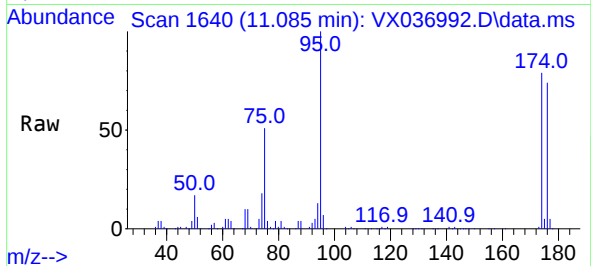




#76
1,2,3-Trichloropropane
Concen: 23.163 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49914
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.500 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX036992.D
Acq: 15 Aug 2023 16:56

Tgt Ion: 75 Resp: 49914
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

