

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014615.D
 Acq On : 10 Jul 2023 14:06
 Operator : SY/MD
 Sample : 03555-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 03:18:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

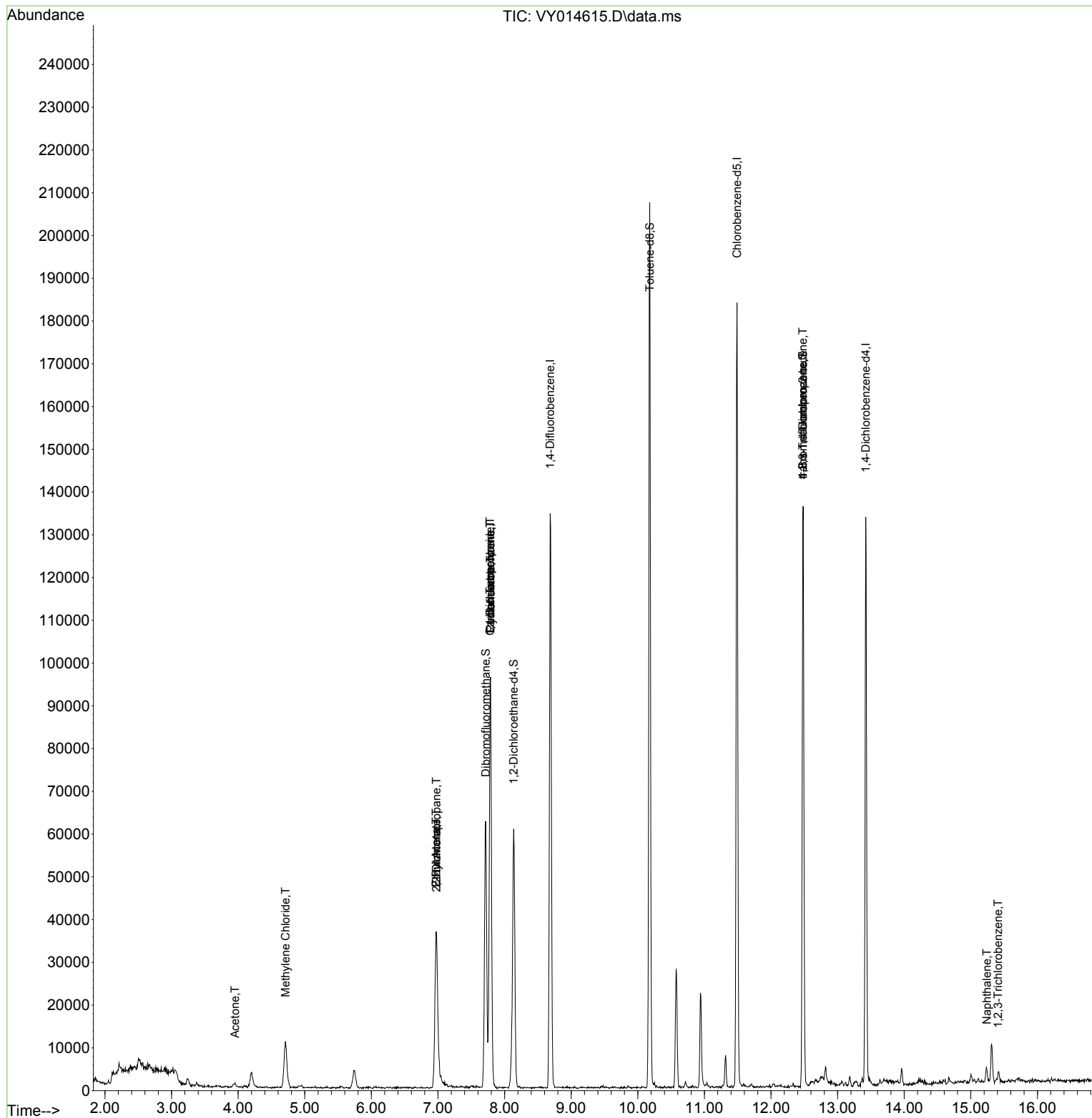
Internal Standards						
1) Pentafluorobenzene	7.789	168	83935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	123567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	110025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44614	53.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.860%	
35) Dibromofluoromethane	7.716	113	44063	57.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.820%	
50) Toluene-d8	10.179	98	142757	47.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.920%	
62) 4-Bromofluorobenzene	12.477	95	37439	35.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	111	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	869	Below Cal	#	96
16) Acetone	3.954	43	1284	4.924	ug/l	94
20) Methylene Chloride	4.710	84	8771	4.616	ug/l #	74
25) 2-Butanone	6.972	43	1980	5.128	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	2836	2.168	ug/l #	54
31) Cyclohexane	7.789	56	1644	1.255	ug/l #	25
36) 1,1-Dichloropropene	7.783	75	5804	4.981	ug/l #	48
37) Ethyl Acetate	6.972	43	1980	2.478	ug/l #	1
38) Carbon Tetrachloride	7.783	117	6934	5.700	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	18004	40.367	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18004	78.570	ug/l #	11
95) Naphthalene	15.239	128	3344	2.021	ug/l	100
96) 1,2,3-Trichlorobenzene	15.410	180	792	1.118	ug/l	92

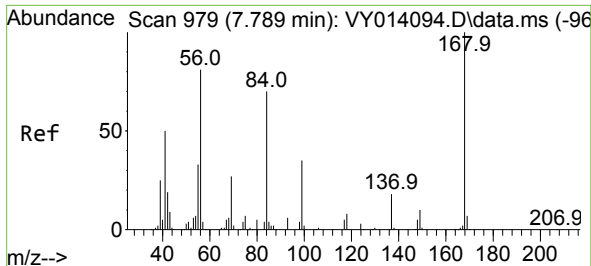
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 11 03:18:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

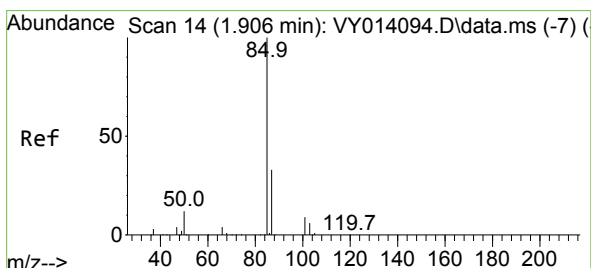
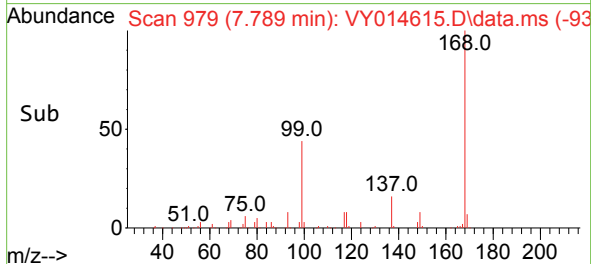
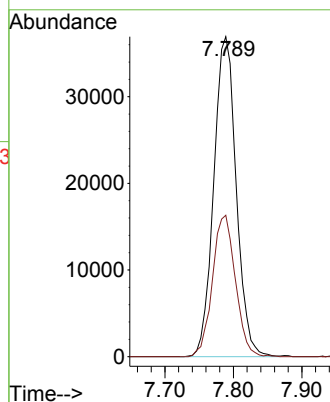
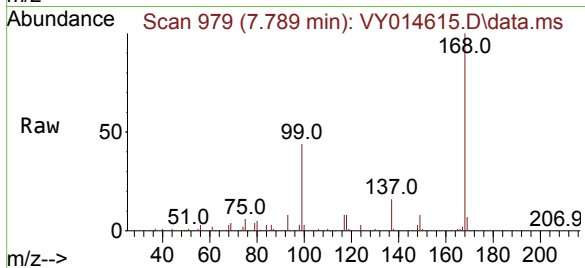




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

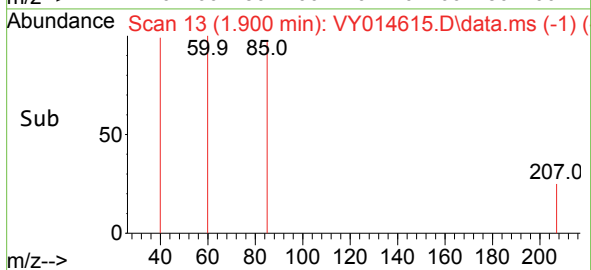
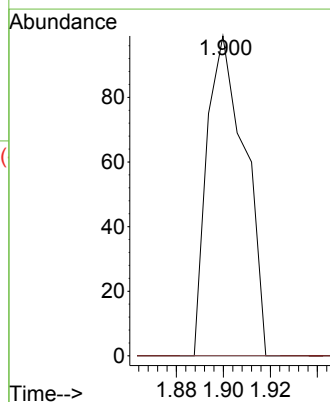
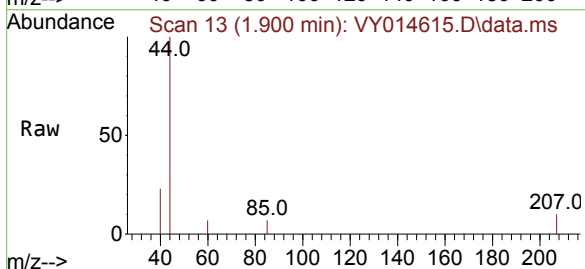
Instrument :
MSVOA_Y
ClientSampleId :

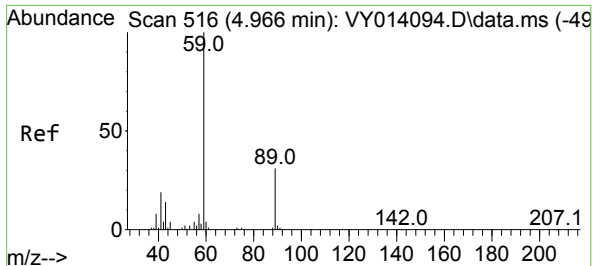
Tgt Ion:168 Resp: 83935
Ion Ratio Lower Upper
168 100
99 44.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

Tgt Ion: 85 Resp: 111
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 516

Delta R.T. -0.012 min

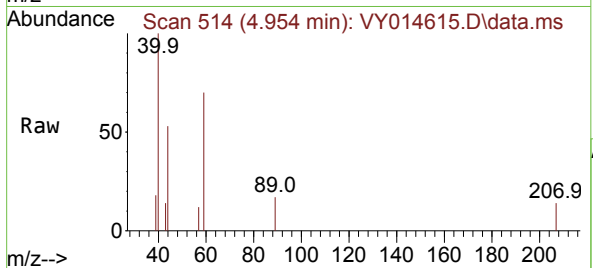
Lab File: VY014615.D

Acq: 10 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

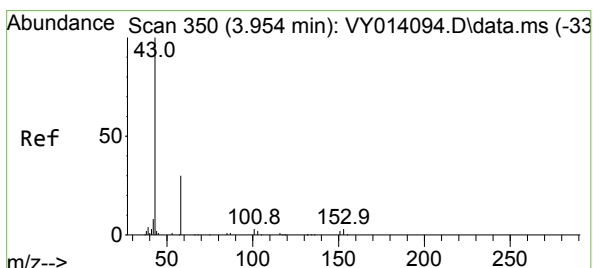
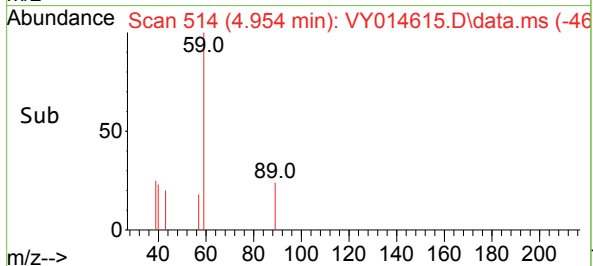
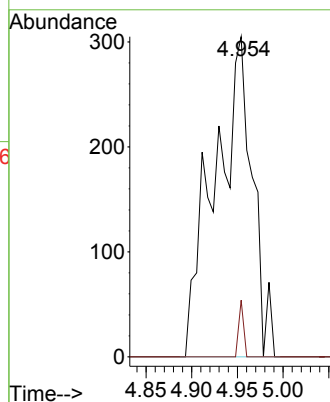


Tgt Ion: 59 Resp: 869

Ion Ratio Lower Upper

59 100

57 2.3 3.0 4.4#



#16

Acetone

Concen: 4.924 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY014615.D

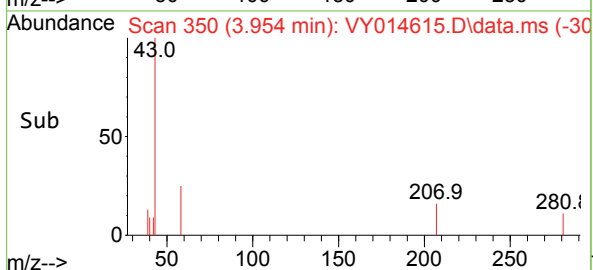
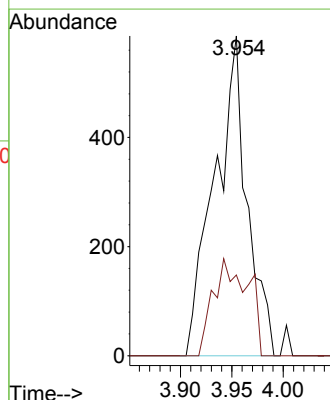
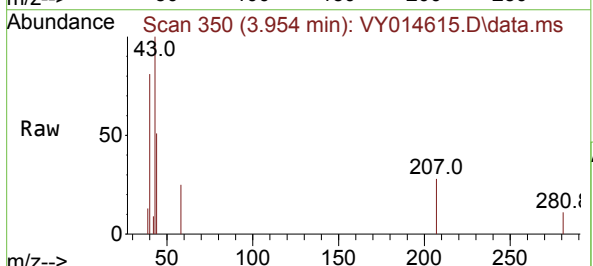
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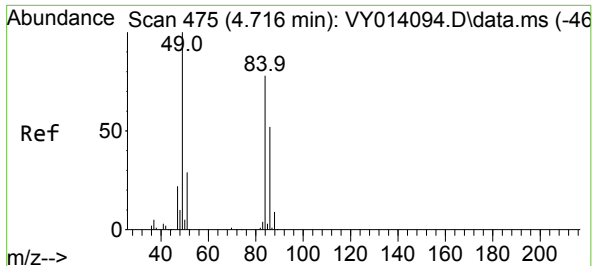
Tgt Ion: 43 Resp: 1284

Ion Ratio Lower Upper

43 100

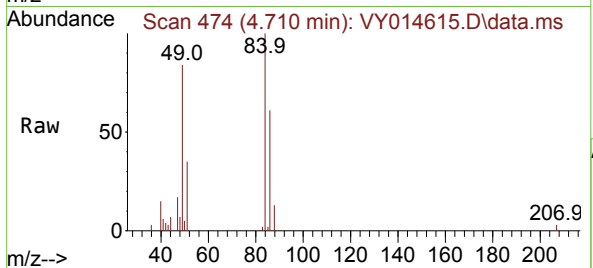
58 25.3 22.7 34.1



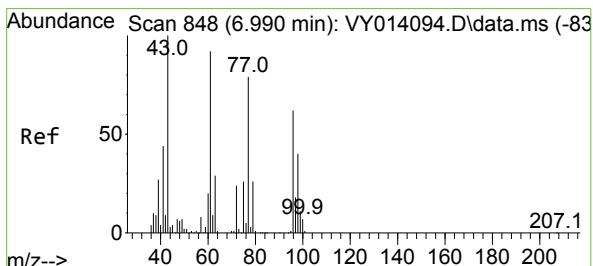
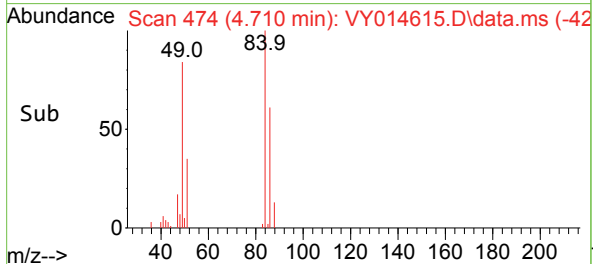
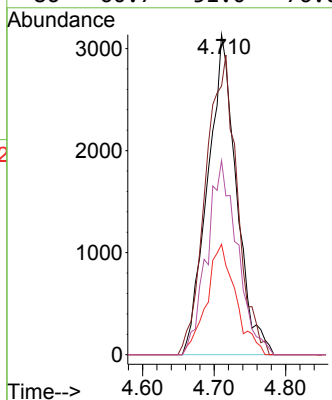


#20
Methylene Chloride
Concen: 4.616 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :

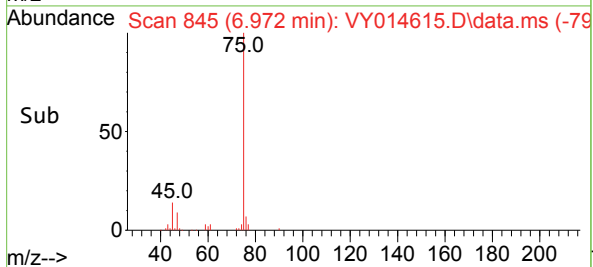
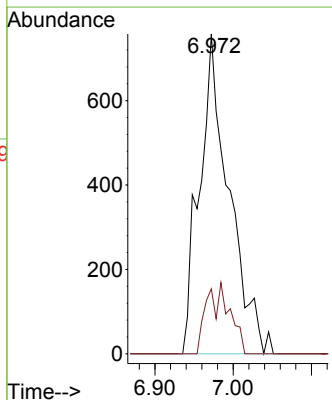
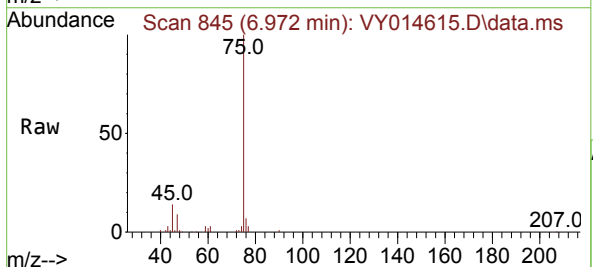


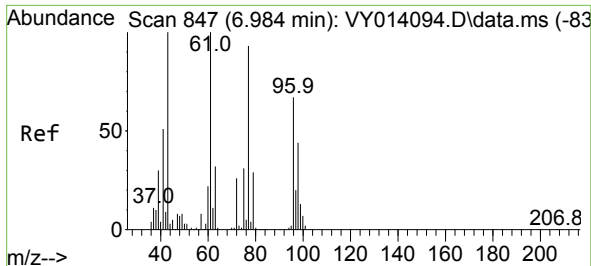
Tgt Ion: 84 Resp: 8771
Ion Ratio Lower Upper
84 100
49 83.9 106.9 160.3#
51 34.5 33.2 49.8
86 60.7 51.0 76.6



#25
2-Butanone
Concen: 5.128 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

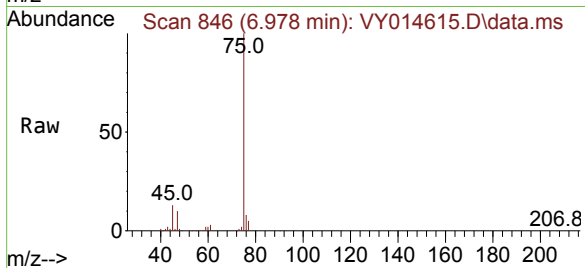
Tgt Ion: 43 Resp: 1980
Ion Ratio Lower Upper
43 100
72 20.3 20.5 30.7#



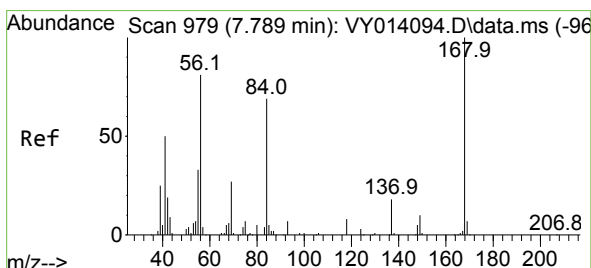
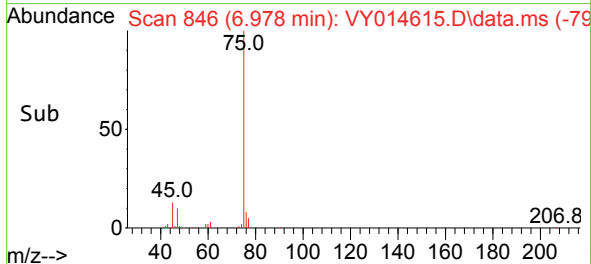
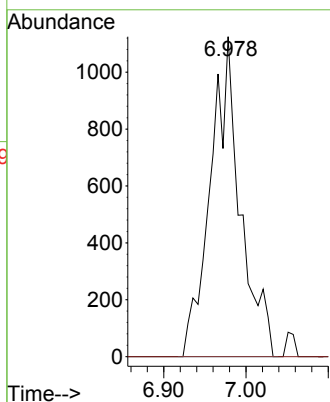


#26
2,2-Dichloropropane
Concen: 2.168 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :

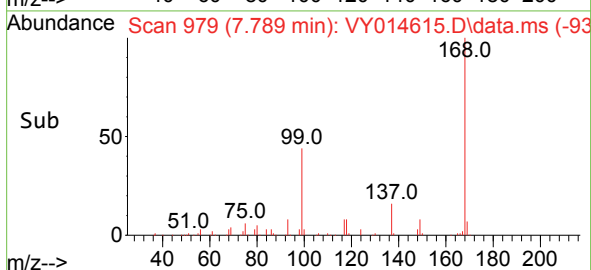
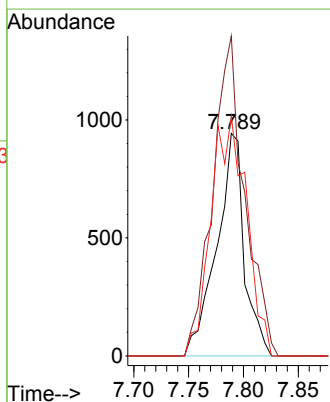
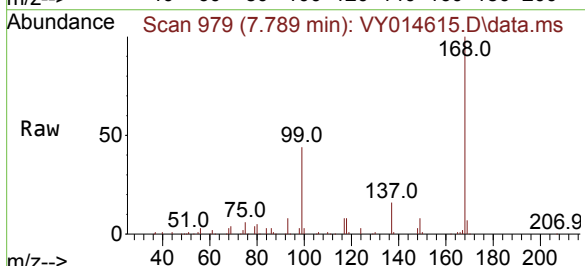


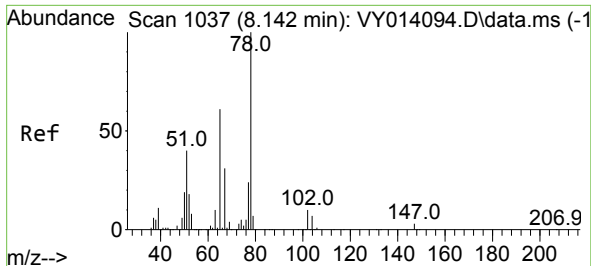
Tgt Ion: 77 Resp: 2836
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

Tgt Ion: 56 Resp: 1644
Ion Ratio Lower Upper
56 100
69 143.8 27.8 41.6#
84 107.8 66.4 99.6#

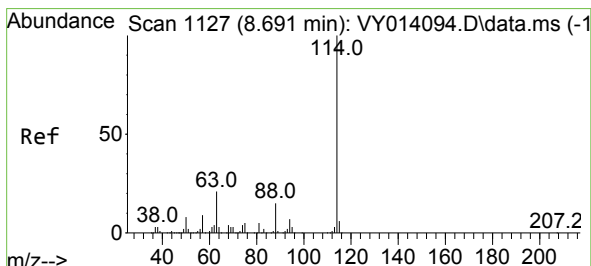
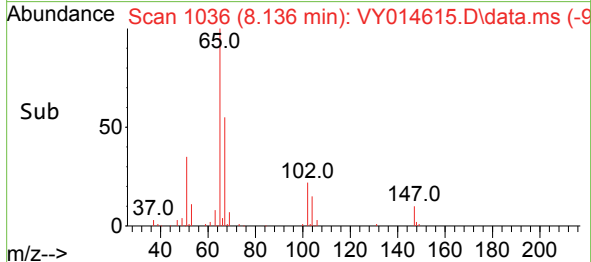
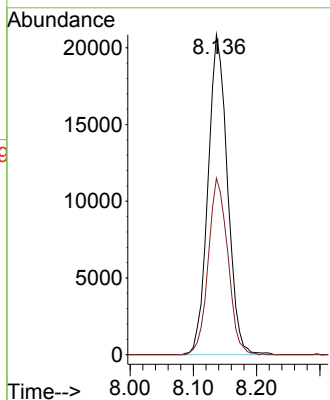
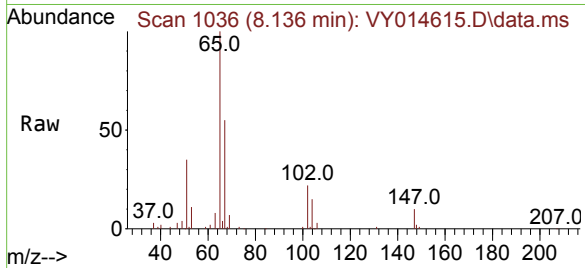




#33
 1,2-Dichloroethane-d4
 Concen: 53.432 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY014615.D
 Acq: 10 Jul 2023 14:06

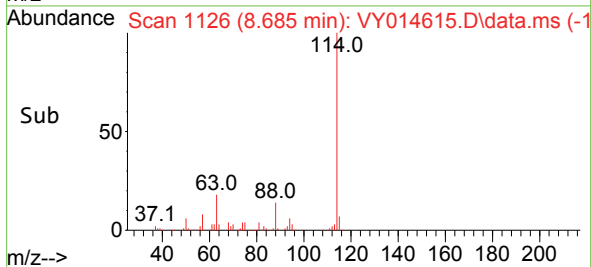
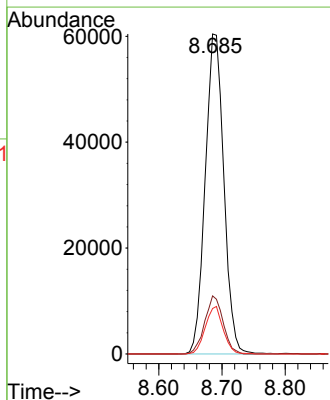
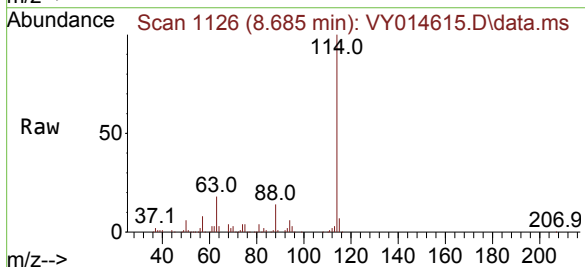
Instrument :
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 ClientSampleId :

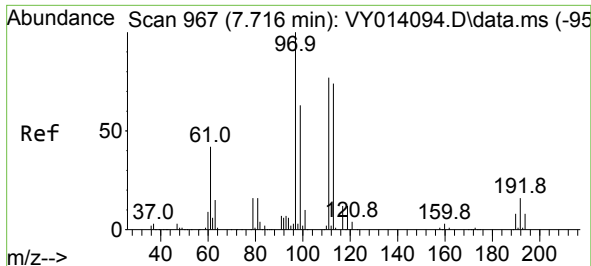
Tgt Ion: 65 Resp: 44614
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014615.D
 Acq: 10 Jul 2023 14:06

Tgt Ion: 114 Resp: 123567
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 42.4
 88 14.2 0.0 30.6

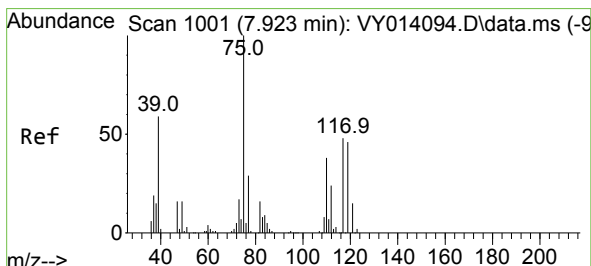
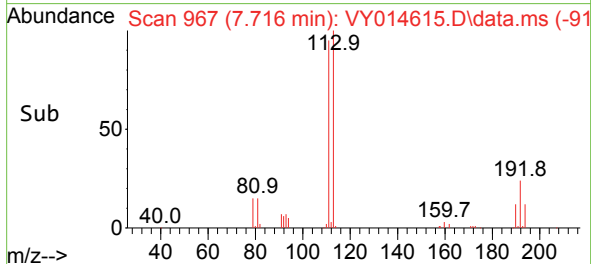
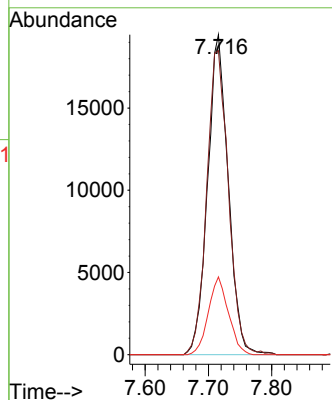
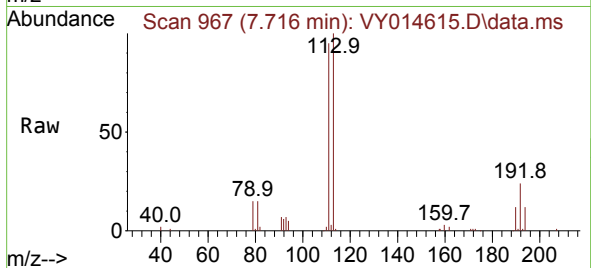




#35
Dibromofluoromethane
Concen: 57.906 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

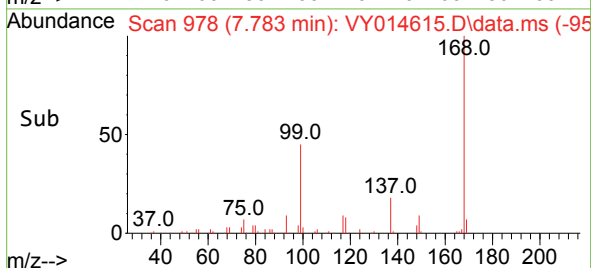
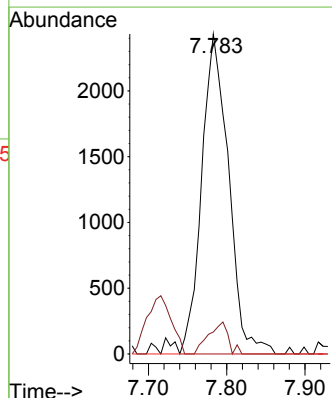
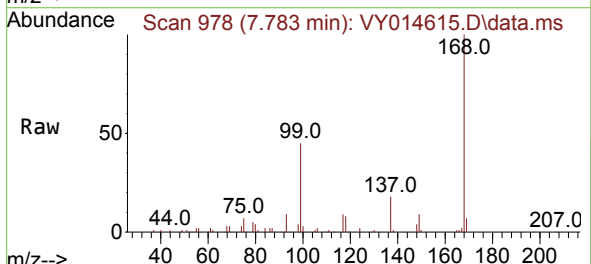
Instrument :
MSVOA_Y
ClientSampleId :

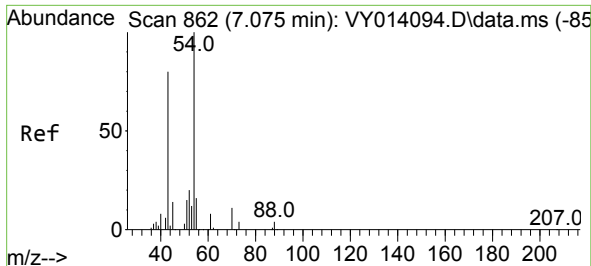
Tgt Ion:113 Resp: 44063
Ion Ratio Lower Upper
113 100
111 100.0 81.3 121.9
192 23.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.981 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

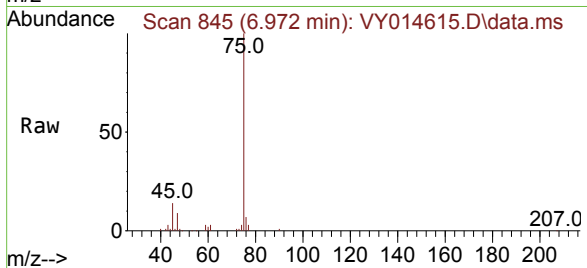
Tgt Ion: 75 Resp: 5804
Ion Ratio Lower Upper
75 100
110 7.3 17.8 53.5#
77 0.0 24.4 36.6#



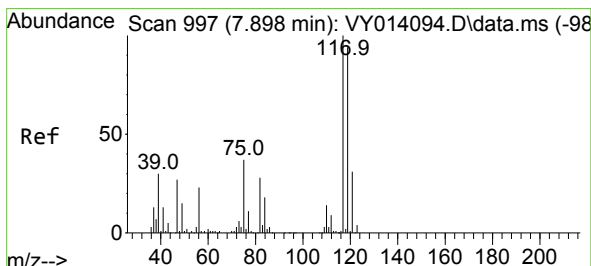
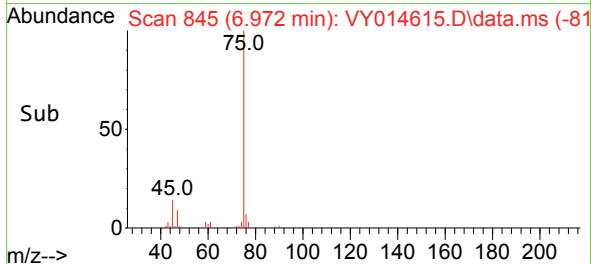
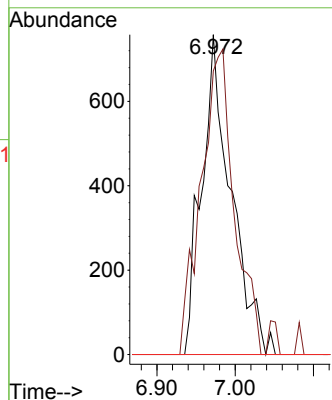


#37
Ethyl Acetate
Concen: 2.478 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.103 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :

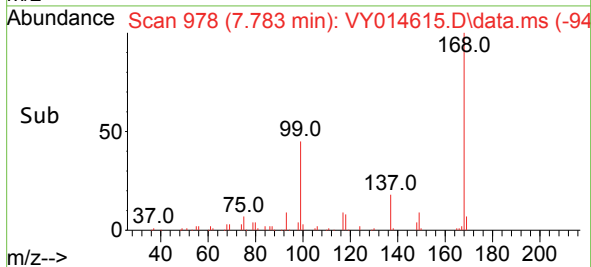
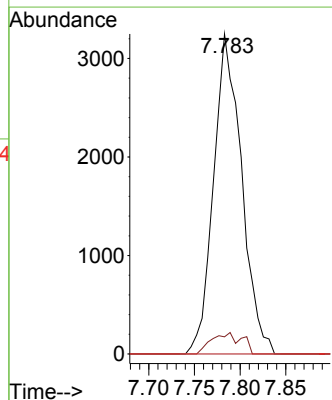
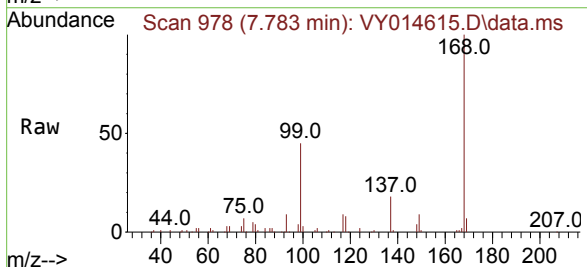


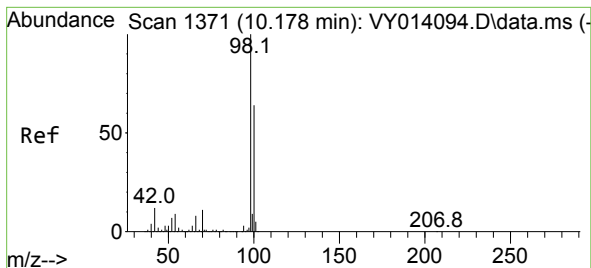
Tgt Ion: 43 Resp: 1980
Ion Ratio Lower Upper
43 100
61 107.8 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.700 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.115 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

Tgt Ion: 117 Resp: 6934
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#

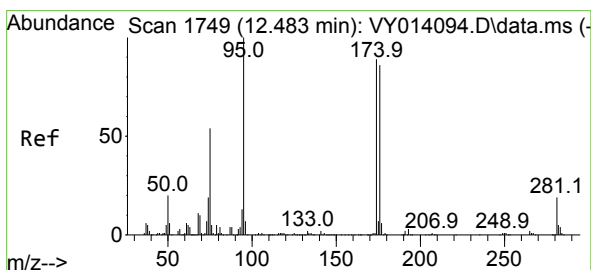
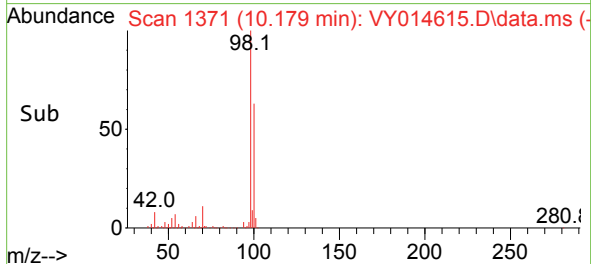
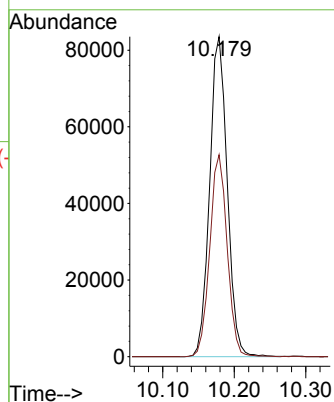
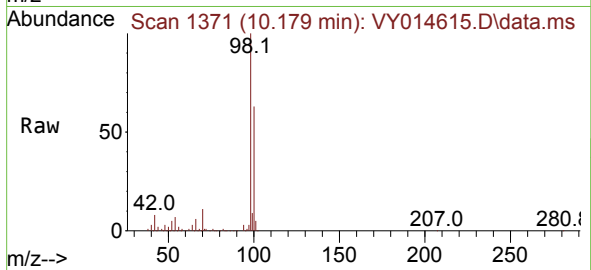




#50
Toluene-d8
Concen: 47.458 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

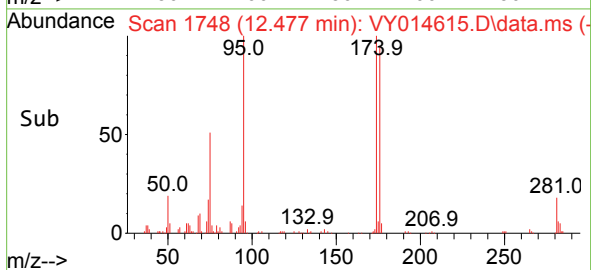
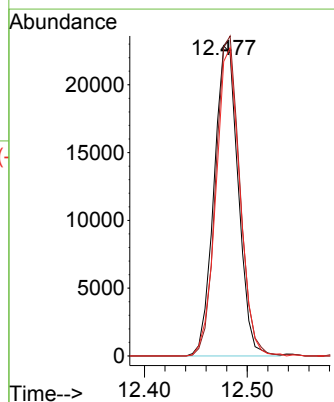
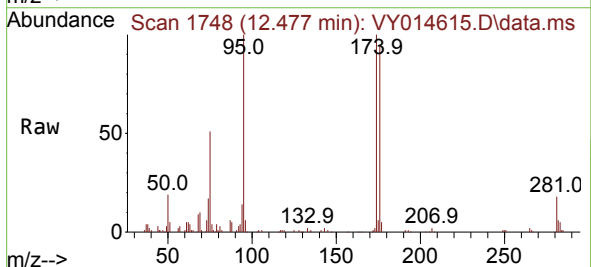
Instrument :
MSVOA_Y
ClientSampleId :

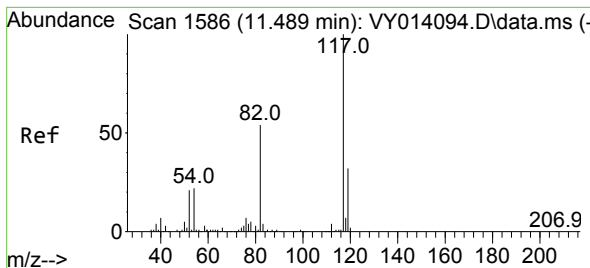
Tgt Ion: 98 Resp: 142757
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 35.843 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

Tgt Ion: 95 Resp: 37439
Ion Ratio Lower Upper
95 100
174 101.7 0.0 178.2
176 98.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

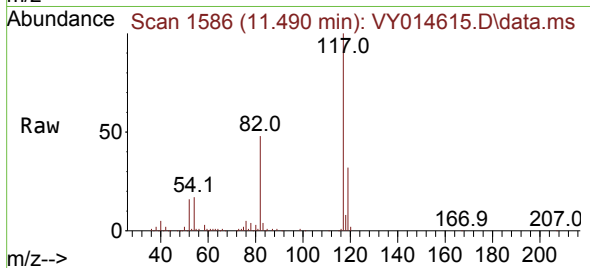
Lab File: VY014615.D

Acq: 10 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :



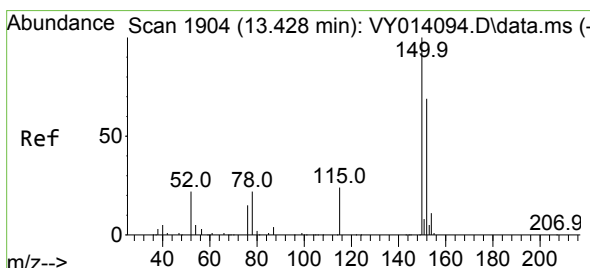
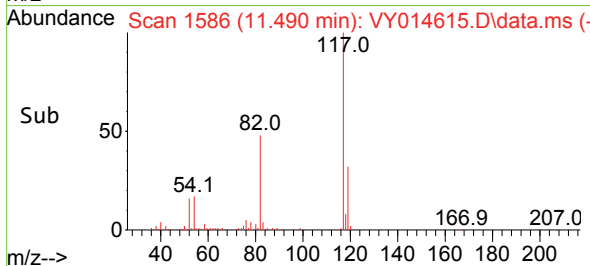
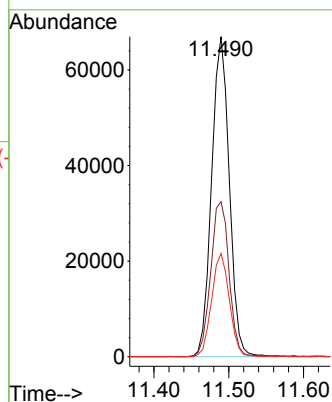
Tgt Ion:117 Resp: 110025

Ion Ratio Lower Upper

117 100

82 48.5 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014615.D

Acq: 10 Jul 2023 14:06

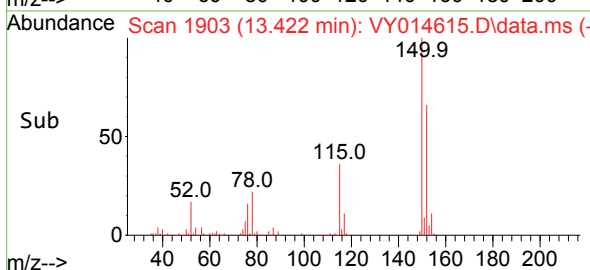
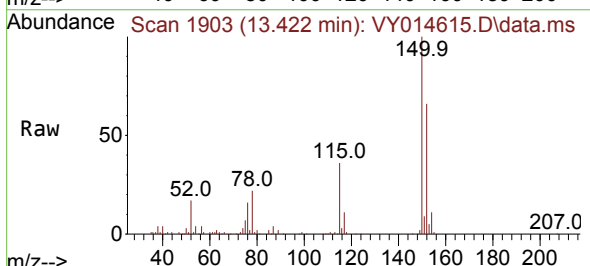
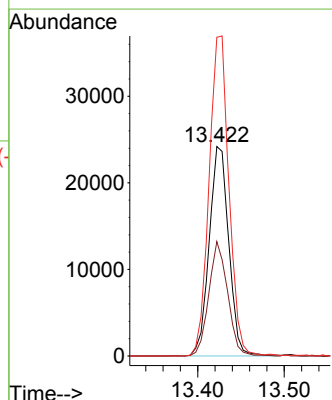
Tgt Ion:152 Resp: 38008

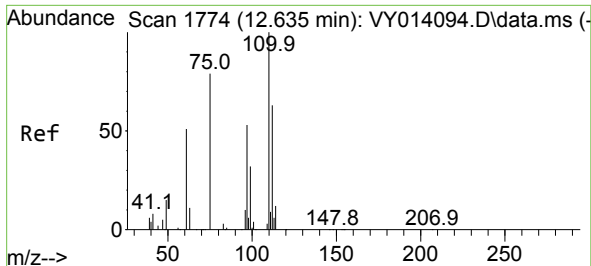
Ion Ratio Lower Upper

152 100

115 52.5 28.8 86.5

150 155.0 0.0 348.8

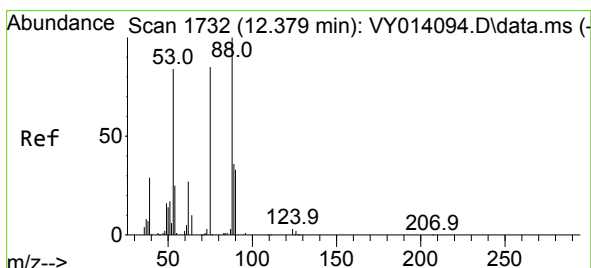
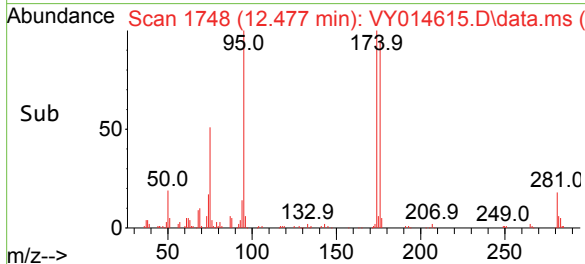
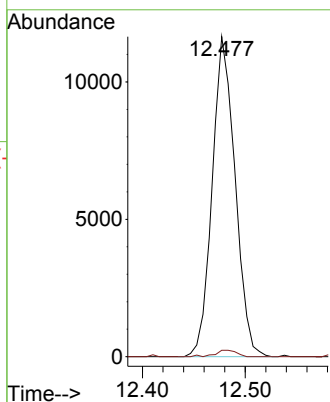
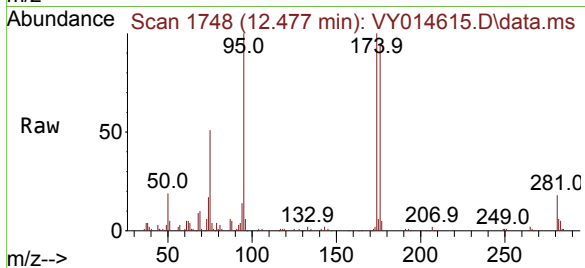




#76
1,2,3-Trichloropropane
Concen: 40.367 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

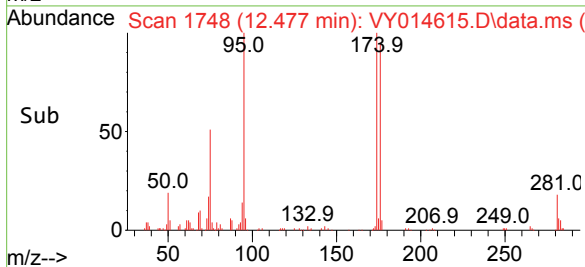
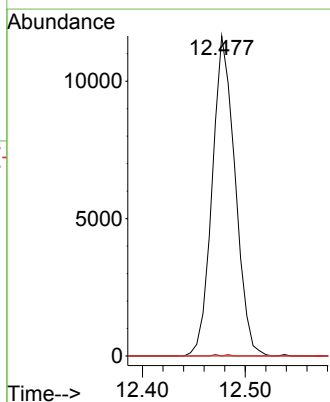
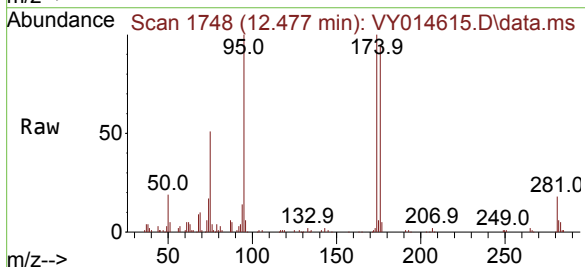
Instrument :
MSVOA_Y
ClientSampleId :

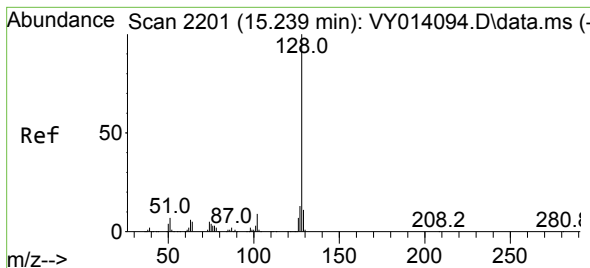
Tgt Ion: 75 Resp: 18004
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.570 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014615.D
Acq: 10 Jul 2023 14:06

Tgt Ion: 75 Resp: 18004
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.1 37.4 56.0#





#95

Naphthalene

Concen: 2.021 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

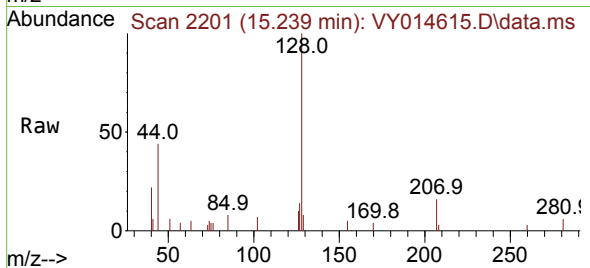
Lab File: VY014615.D

Acq: 10 Jul 2023 14:06

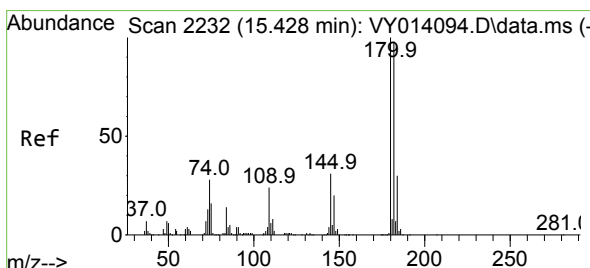
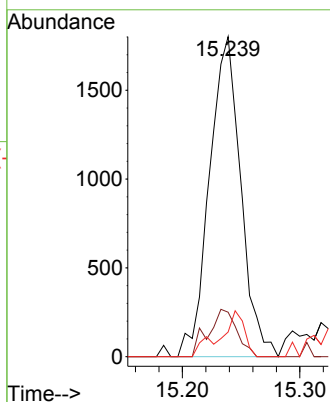
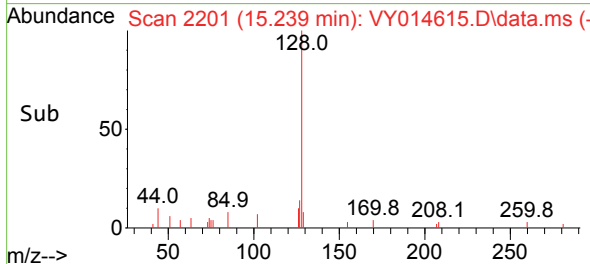
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	3344
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.1	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.118 ug/l

RT: 15.410 min Scan# 2229

Delta R.T. -0.018 min

Lab File: VY014615.D

Acq: 10 Jul 2023 14:06

Tgt Ion:	180	Resp:	792
Ion	Ratio	Lower	Upper
180	100		
182	89.9	47.3	141.8
145	20.5	15.4	46.2

