

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015301.D
 Acq On : 23 Aug 2023 23:15
 Operator : SY/MD
 Sample : 04110-10
 Misc : 4.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 24 02:39:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

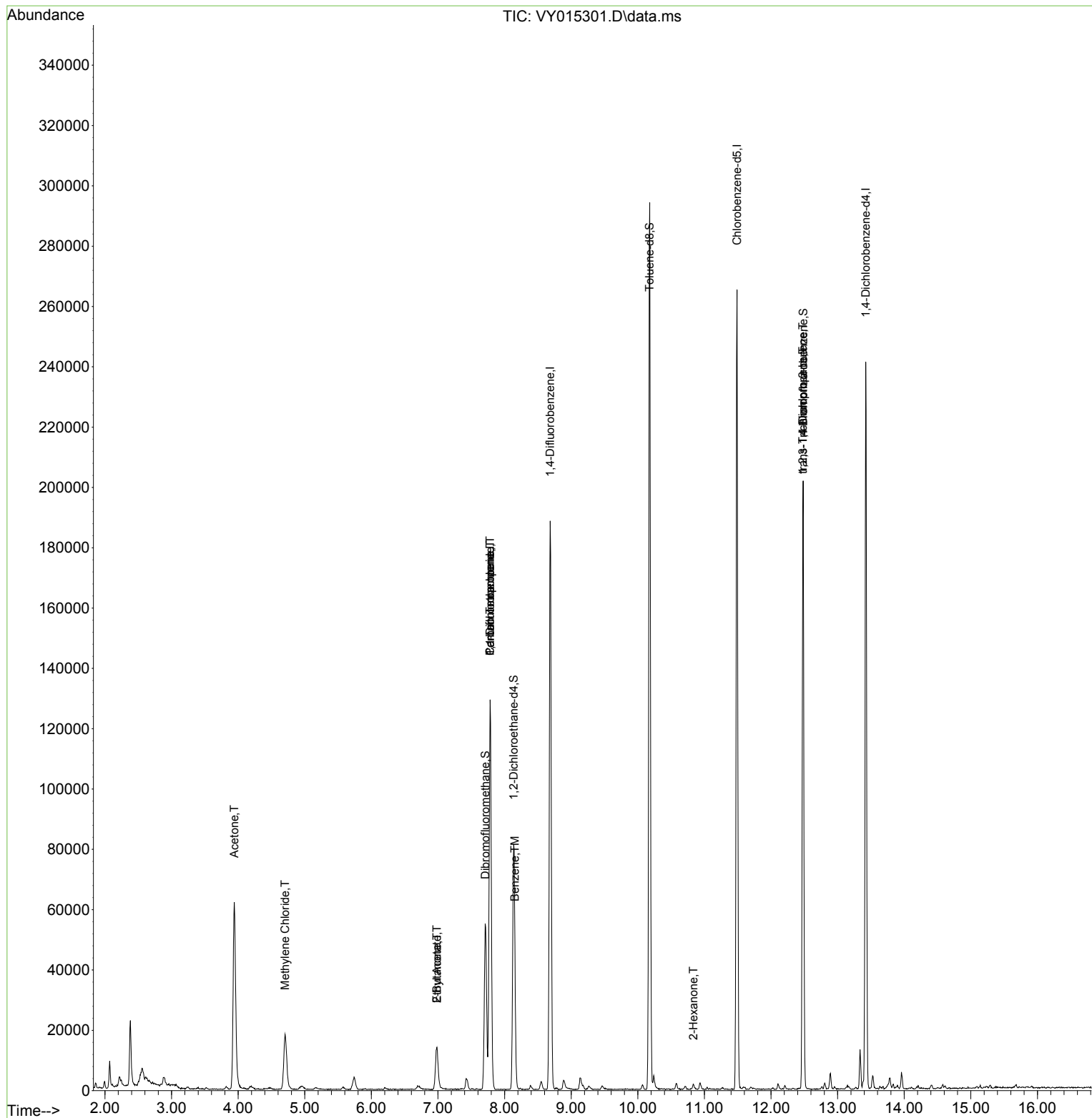
Internal Standards						
1) Pentafluorobenzene	7.783	168	99273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	164884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62491	52.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.880%	
35) Dibromofluoromethane	7.709	113	38959	36.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.460%	
50) Toluene-d8	10.178	98	192581	48.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	12.483	95	57578	39.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	74	Below Cal	#	43
3) Chloromethane	2.107	50	229	Below Cal	#	43
5) Bromomethane	2.613	94	537	Below Cal		88
11) Tert butyl alcohol	4.960	59	2215	Below Cal	#	95
13) Acrolein	3.735	56	28	Below Cal	#	14
16) Acetone	3.942	43	107473	276.065	ug/l	95
20) Methylene Chloride	4.704	84	13662	11.292	ug/l	90
25) 2-Butanone	6.984	43	19878	36.062	ug/l	90
31) Cyclohexane	7.783	56	2354	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	7556	6.439	ug/l #	50
37) Ethyl Acetate	6.984	43	19878	18.172	ug/l #	71
38) Carbon Tetrachloride	7.783	117	10147	7.306	ug/l #	15
40) Benzene	8.154	78	9816	2.767	ug/l	97
59) 2-Hexanone	10.837	43	1345	1.574	ug/l	97
76) 1,2,3-Trichloropropane	12.477	75	32115	42.693	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32115	93.774	ug/l #	11

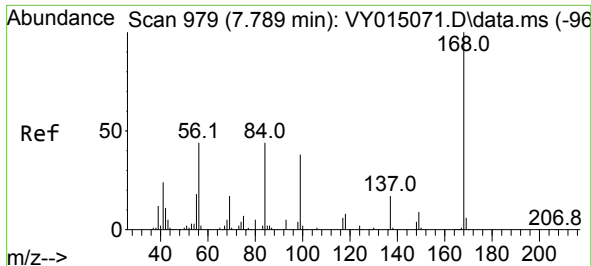
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
Data File : VY015301.D
Acq On : 23 Aug 2023 23:15
Operator : SY/MD
Sample : 04110-10
Misc : 4.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 24 02:39:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

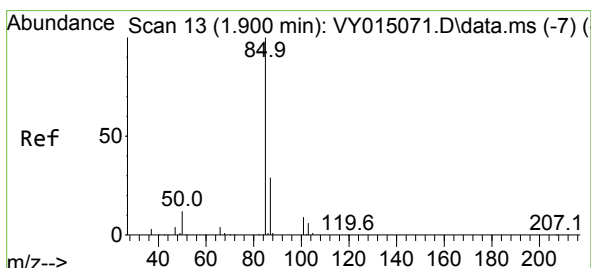
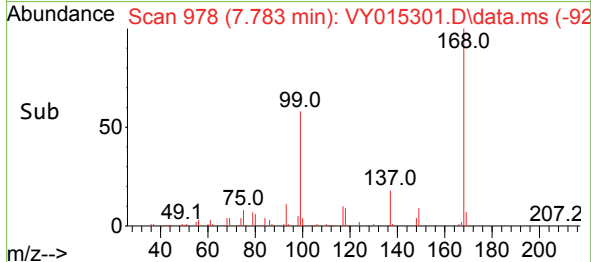
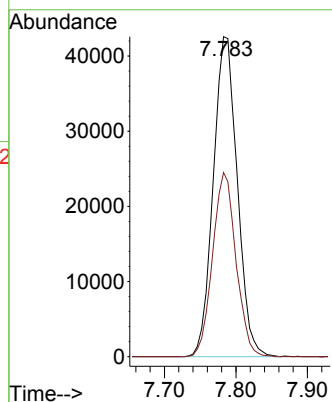
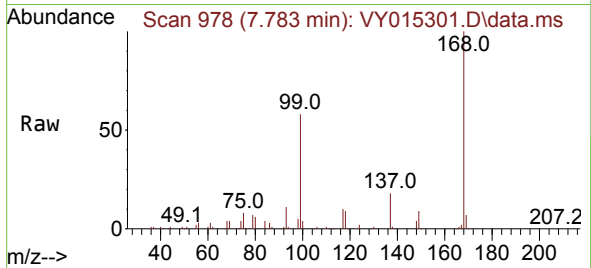




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

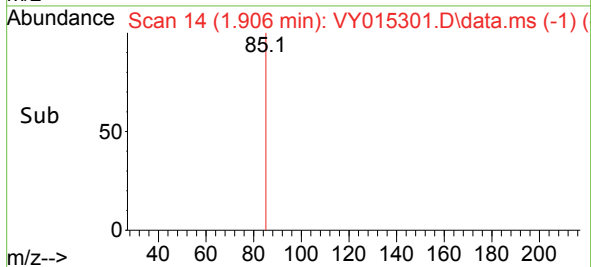
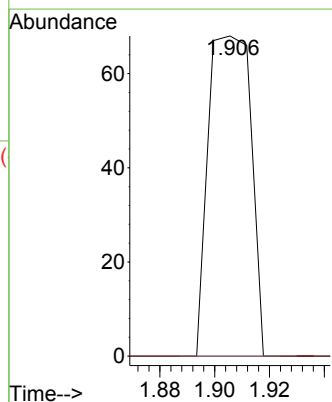
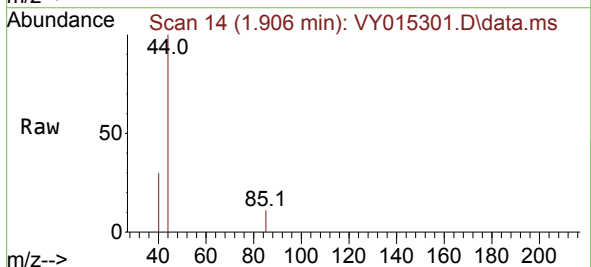
Instrument :
MSVOA_Y
ClientSampleId :

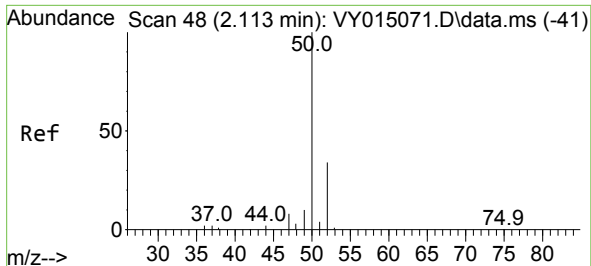
Tgt Ion:168 Resp: 99273
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

Tgt Ion: 85 Resp: 74
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

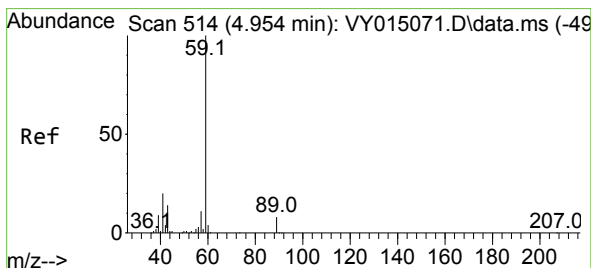
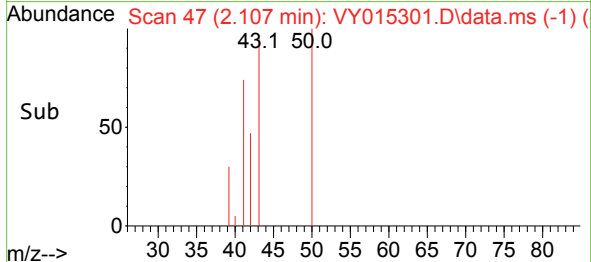
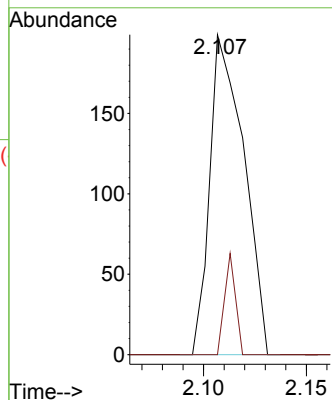
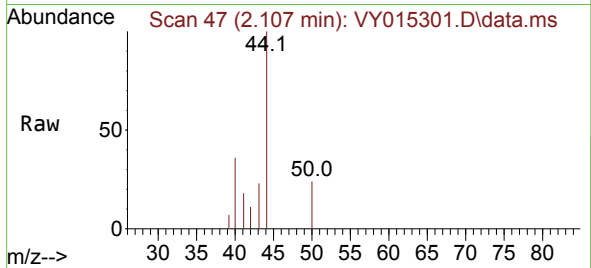




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

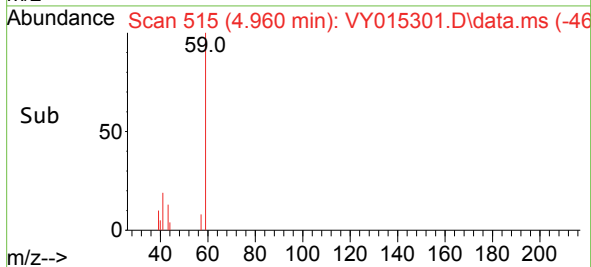
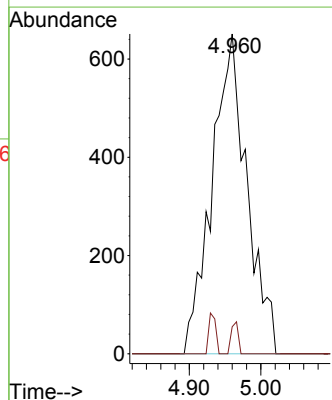
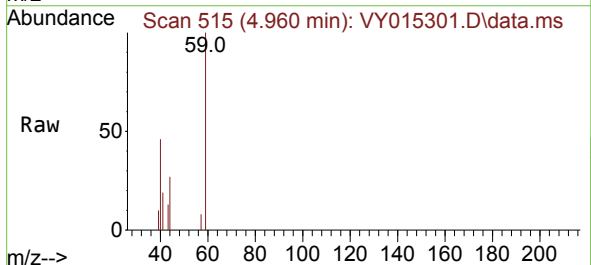
Instrument :
MSVOA_Y
ClientSampleId :

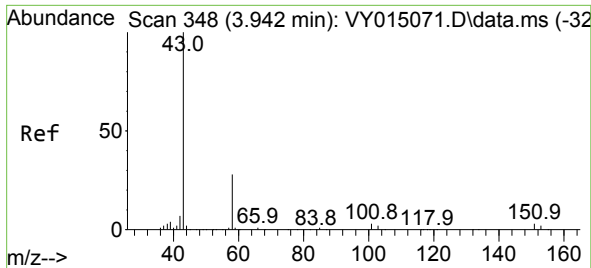
Tgt Ion: 50 Resp: 229
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

Tgt Ion: 59 Resp: 2215
Ion Ratio Lower Upper
59 100
57 2.0 3.0 4.4#

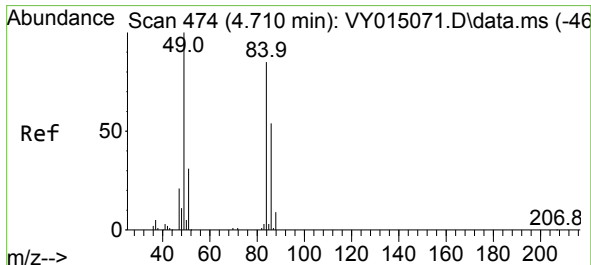
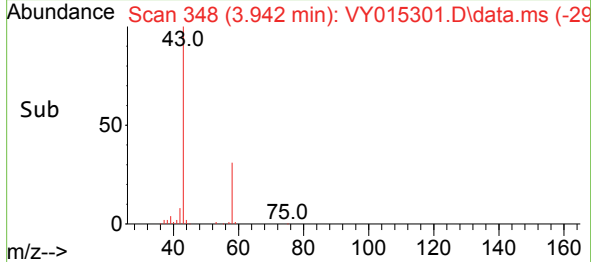
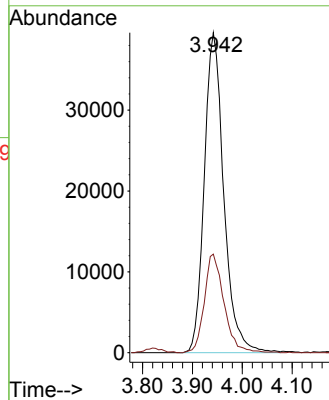
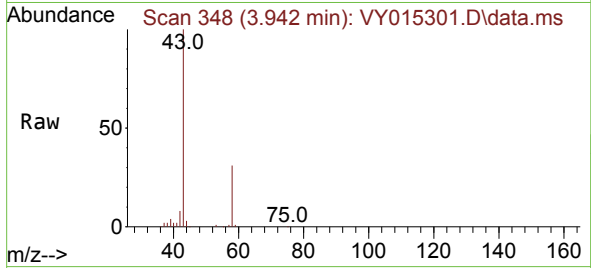




#16
Acetone
Concen: 276.065 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

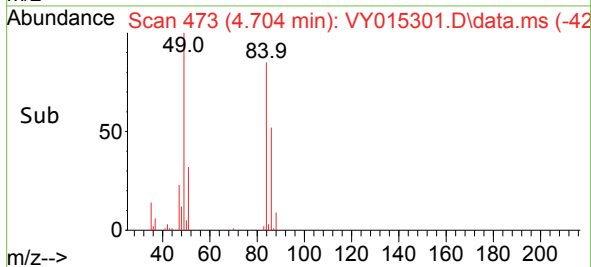
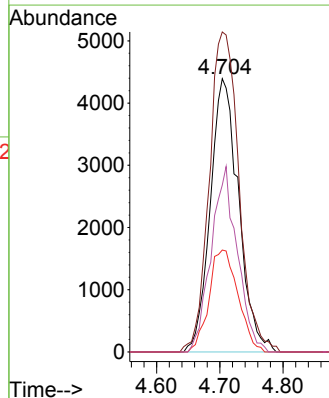
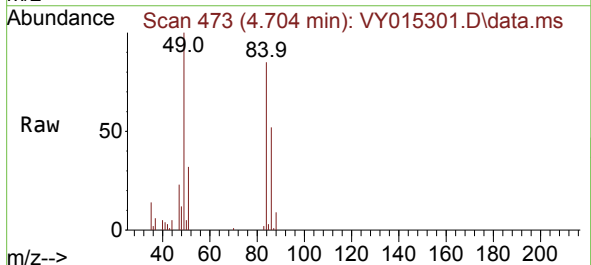
Instrument :
MSVOA_Y
ClientSampleId :

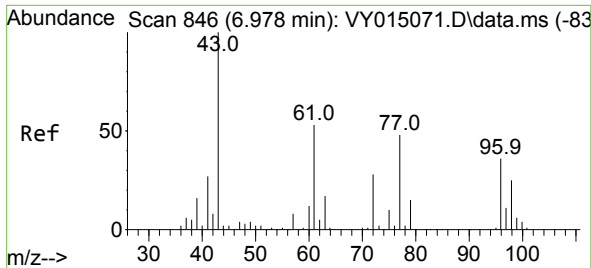
Tgt Ion: 43 Resp: 107473
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1



#20
Methylene Chloride
Concen: 11.292 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

Tgt Ion: 84 Resp: 13662
Ion Ratio Lower Upper
84 100
49 117.1 106.9 160.3
51 37.3 33.2 49.8
86 61.1 51.0 76.6

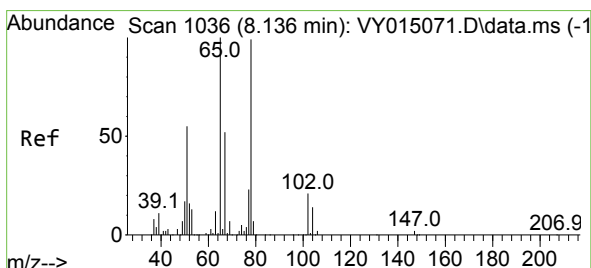
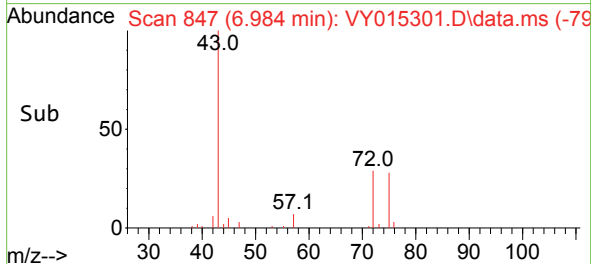
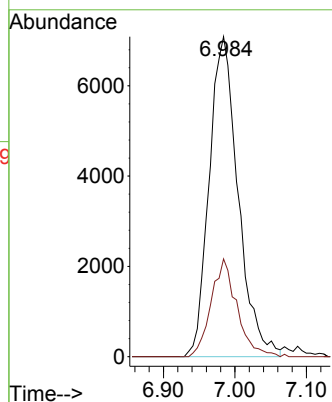
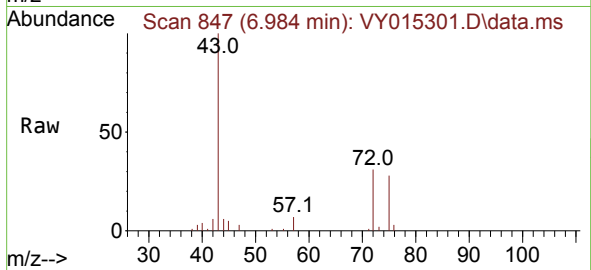




#25
2-Butanone
Concen: 36.062 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

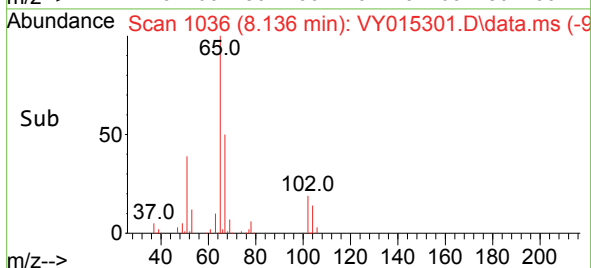
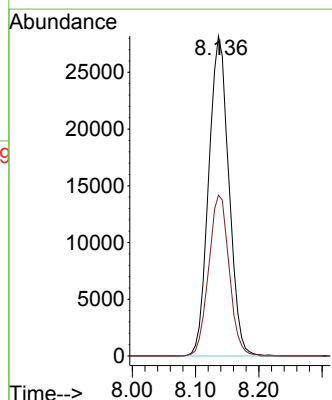
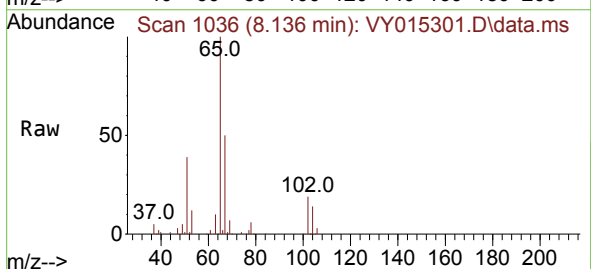
Instrument :
MSVOA_Y
ClientSampleId :

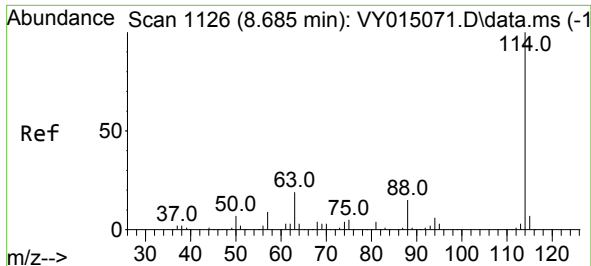
Tgt Ion: 43 Resp: 19878
Ion Ratio Lower Upper
43 100
72 30.6 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 52.439 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

Tgt Ion: 65 Resp: 62491
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

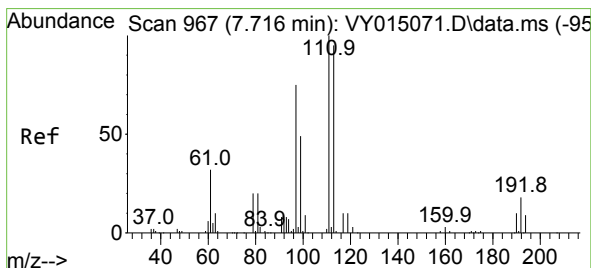
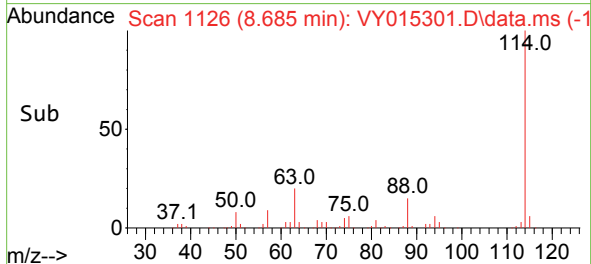
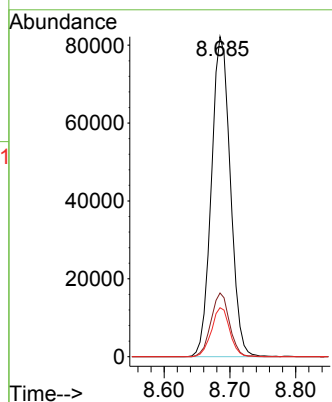
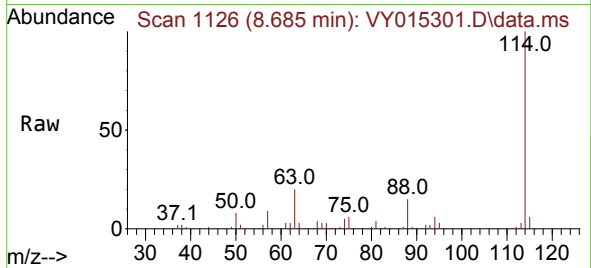




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

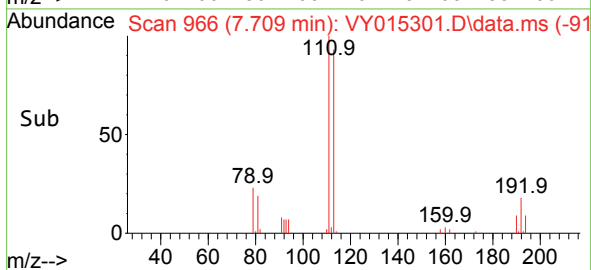
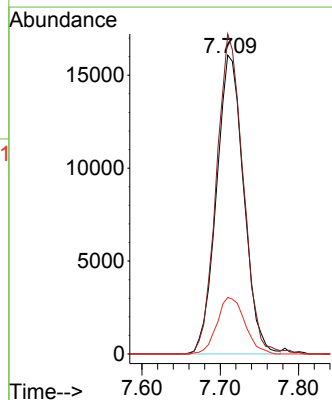
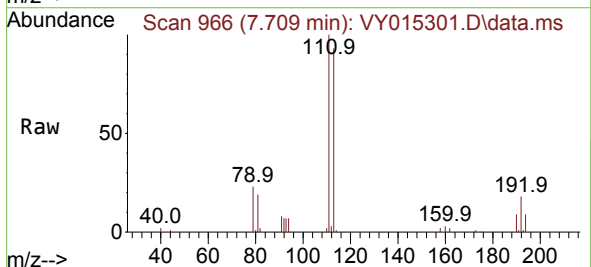
Instrument :
MSVOA_Y
ClientSampleId :

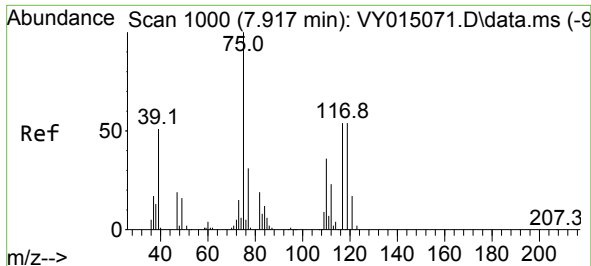
Tgt Ion:114 Resp: 164884
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 36.728 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

Tgt Ion:113 Resp: 38959
Ion Ratio Lower Upper
113 100
111 104.9 81.3 121.9
192 19.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.439 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

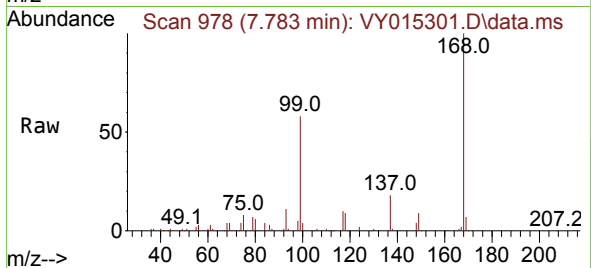
Lab File: VY015301.D

Acq: 23 Aug 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :



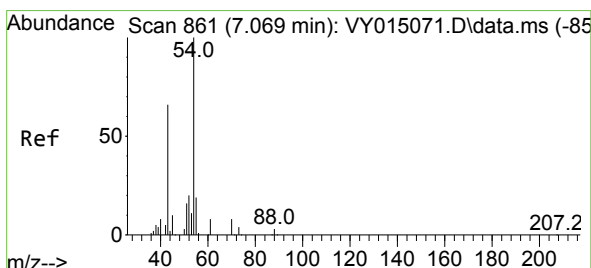
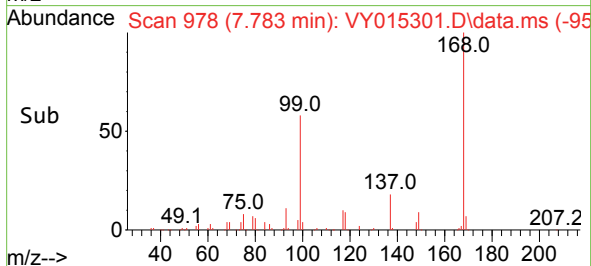
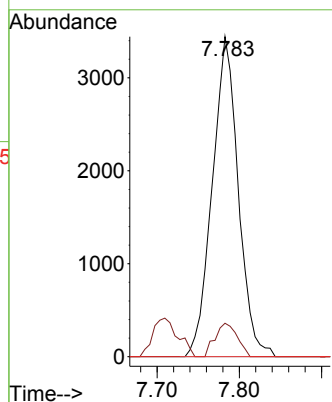
Tgt Ion: 75 Resp: 7556

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.5#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 18.172 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.085 min

Lab File: VY015301.D

Acq: 23 Aug 2023 23:15

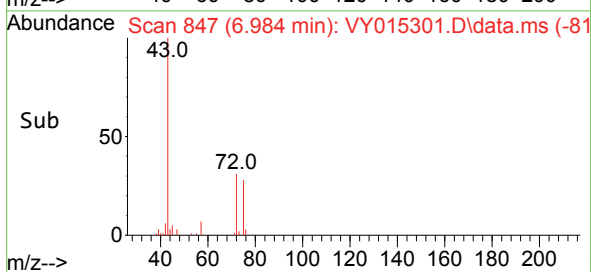
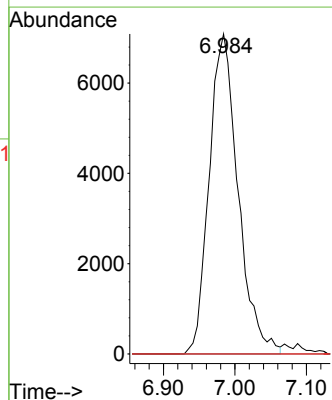
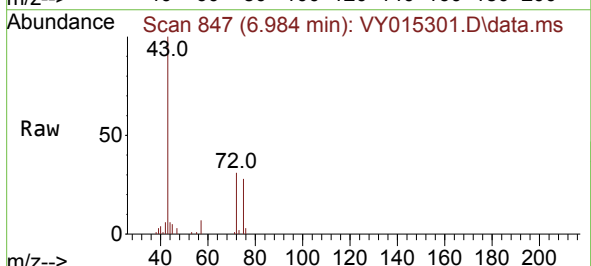
Tgt Ion: 43 Resp: 19878

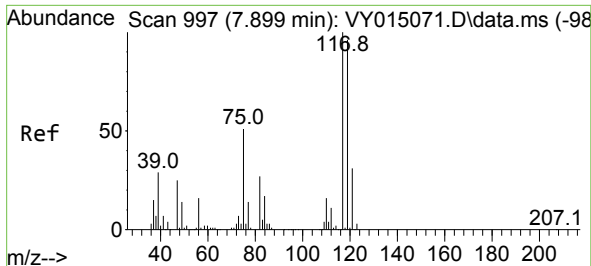
Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

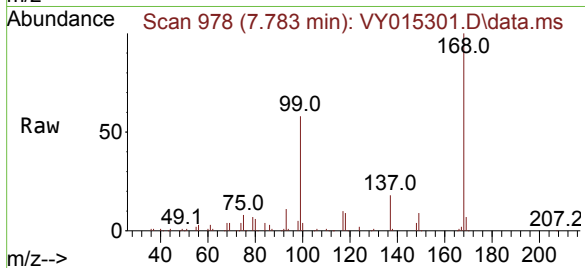
70 0.0 7.1 10.7#



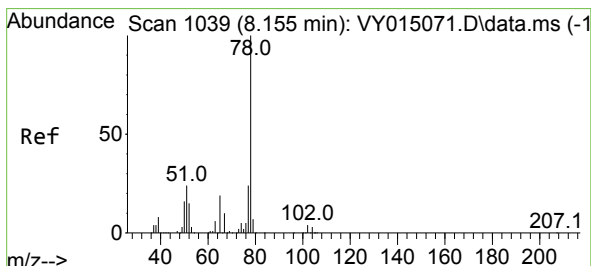
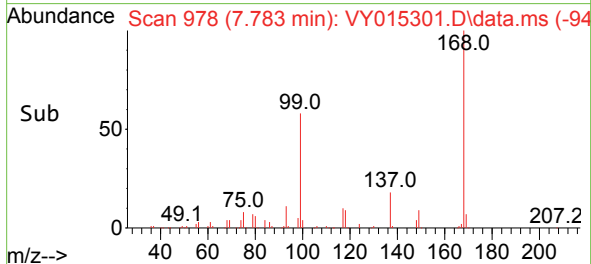
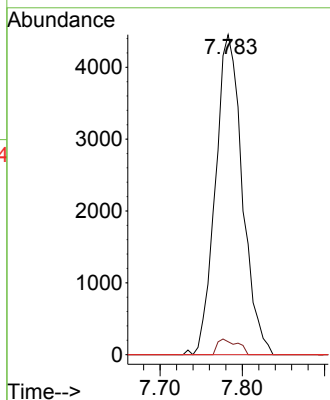


#38
Carbon Tetrachloride
Concen: 7.306 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

Instrument :
MSVOA_Y
ClientSampleId :

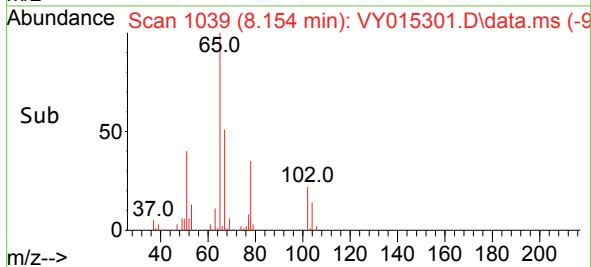
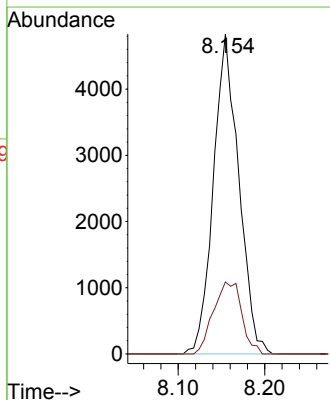
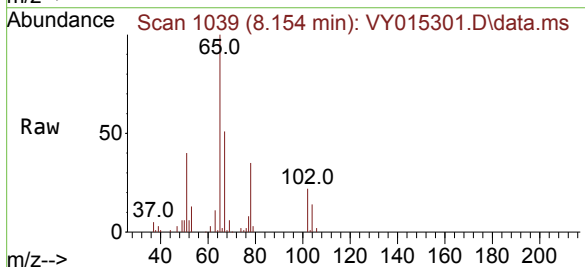


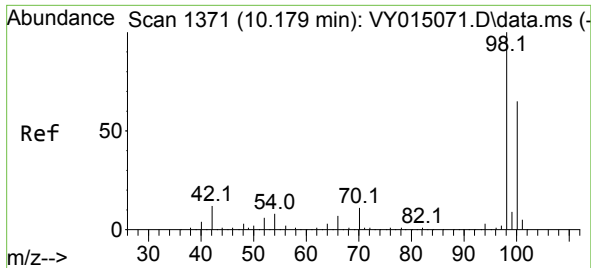
Tgt Ion:117 Resp: 10147
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#



#40
Benzene
Concen: 2.767 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

Tgt Ion: 78 Resp: 9816
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6





#50

Toluene-d8

Concen: 48.770 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015301.D

Acq: 23 Aug 2023 23:15

Instrument :

MSVOA_Y

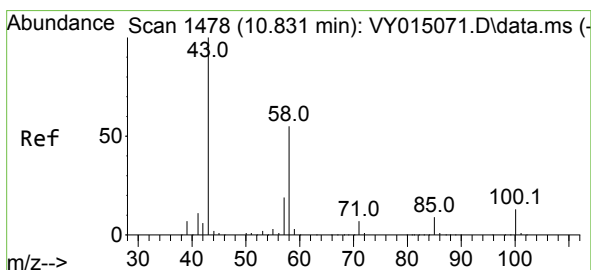
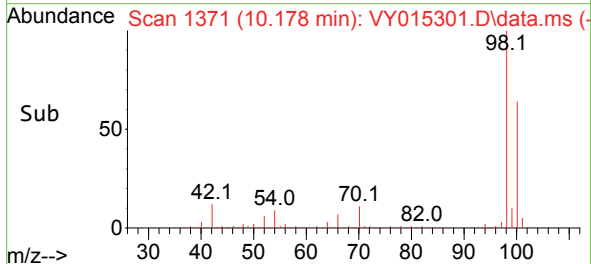
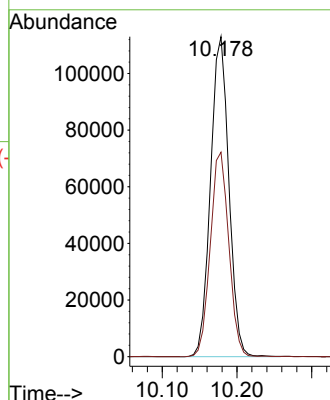
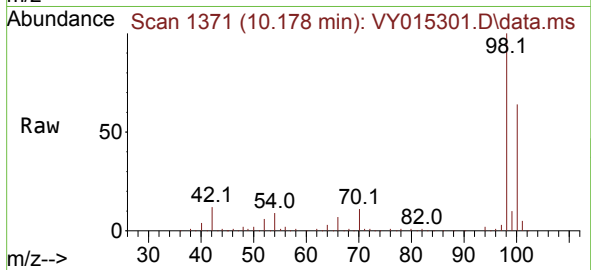
ClientSampleId :

Tgt Ion: 98 Resp: 192581

Ion Ratio Lower Upper

98 100

100 64.4 50.1 75.1



#59

2-Hexanone

Concen: 1.574 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VY015301.D

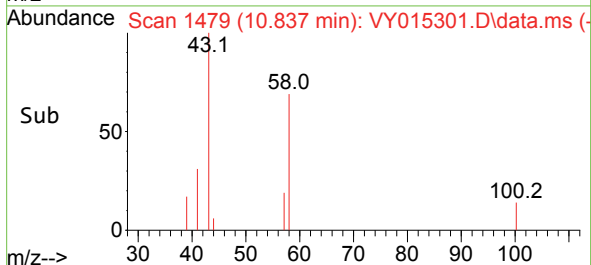
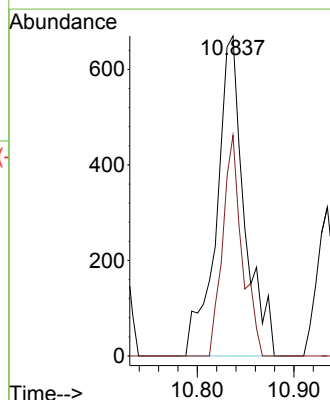
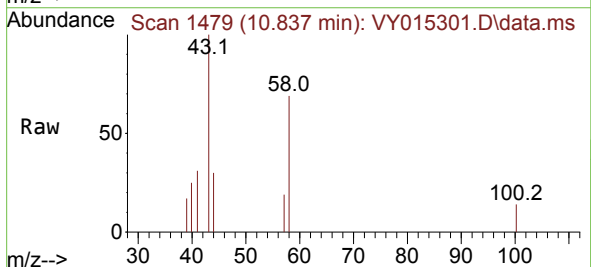
Acq: 23 Aug 2023 23:15

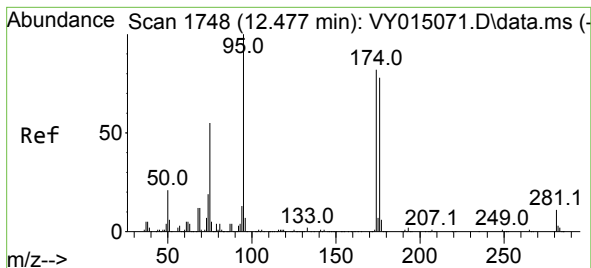
Tgt Ion: 43 Resp: 1345

Ion Ratio Lower Upper

43 100

58 48.0 25.1 75.3

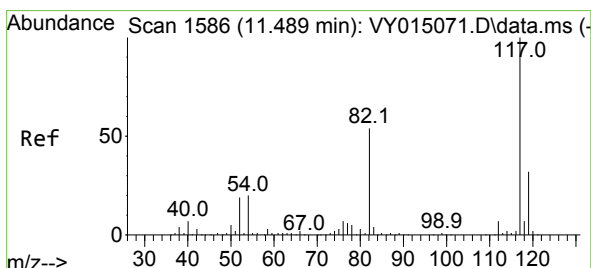
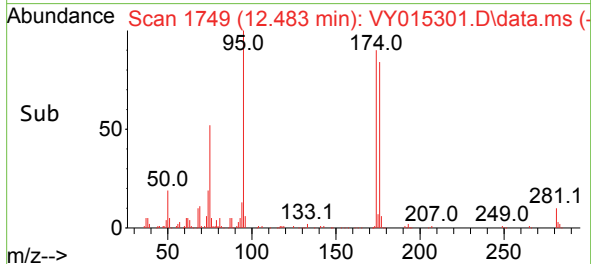
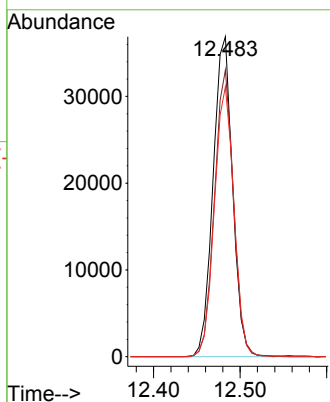
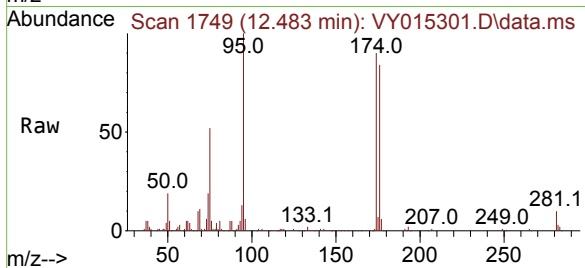




#62
4-Bromofluorobenzene
Concen: 39.922 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

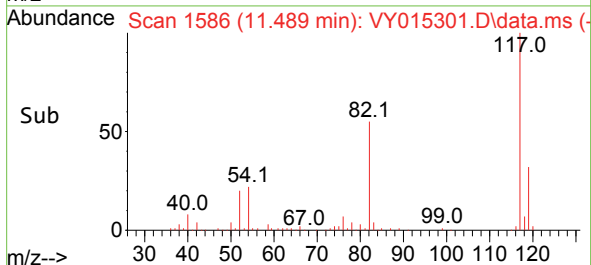
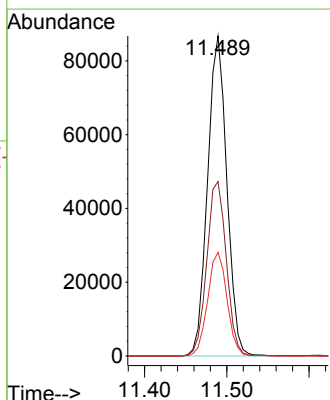
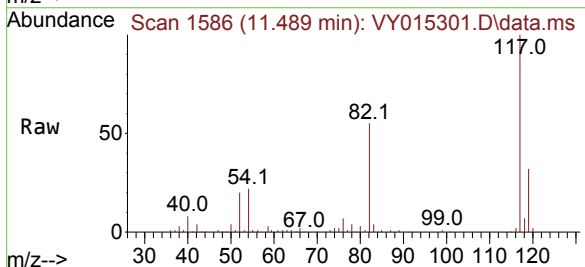
Instrument :
MSVOA_Y
ClientSampleId :

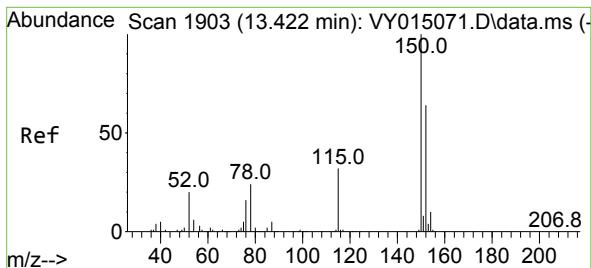
Tgt Ion: 95 Resp: 57578
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.2
176 84.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015301.D
Acq: 23 Aug 2023 23:15

Tgt Ion: 117 Resp: 141222
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

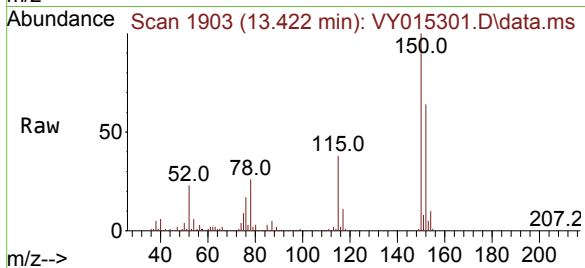
Lab File: VY015301.D

Acq: 23 Aug 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :



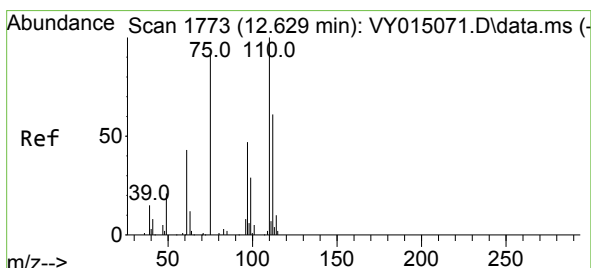
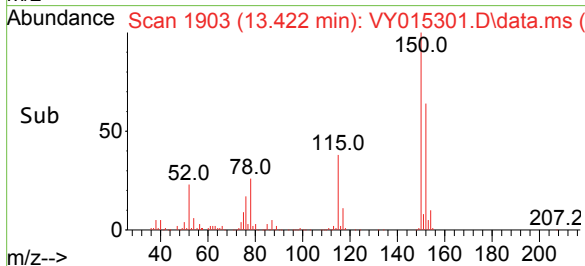
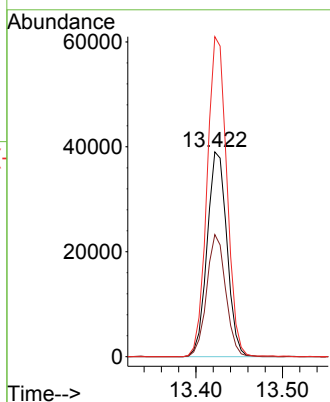
Tgt Ion:152 Resp: 61916

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 155.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 42.693 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY015301.D

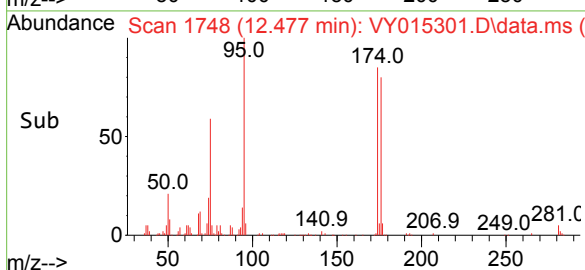
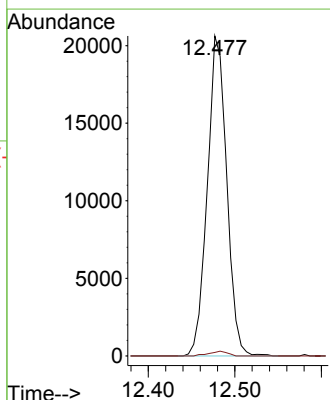
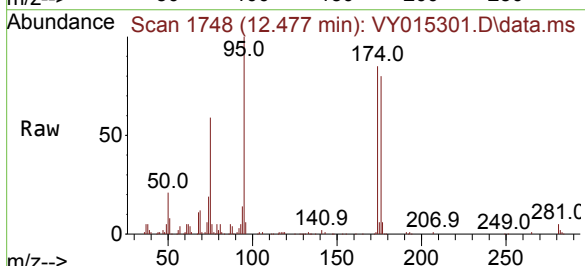
Acq: 23 Aug 2023 23:15

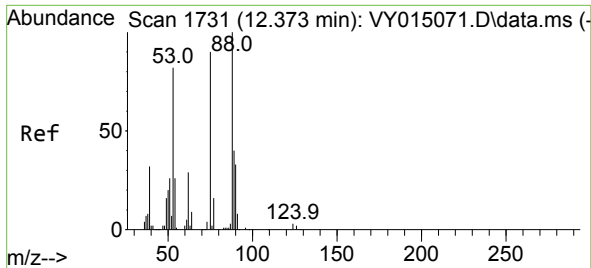
Tgt Ion: 75 Resp: 32115

Ion Ratio Lower Upper

75 100

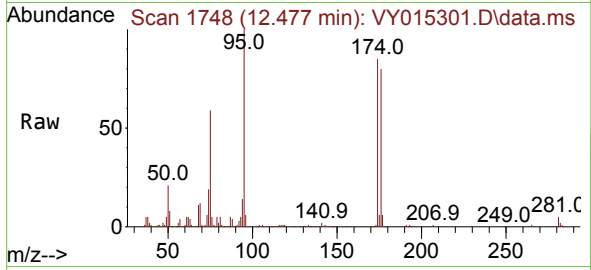
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.774 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015301.D
 Acq: 23 Aug 2023 23:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.2	37.4	56.0#

