

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015148.D
 Acq On : 16 Aug 2023 14:30
 Operator : SY/MD
 Sample : 04017-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 17 05:29:33 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)

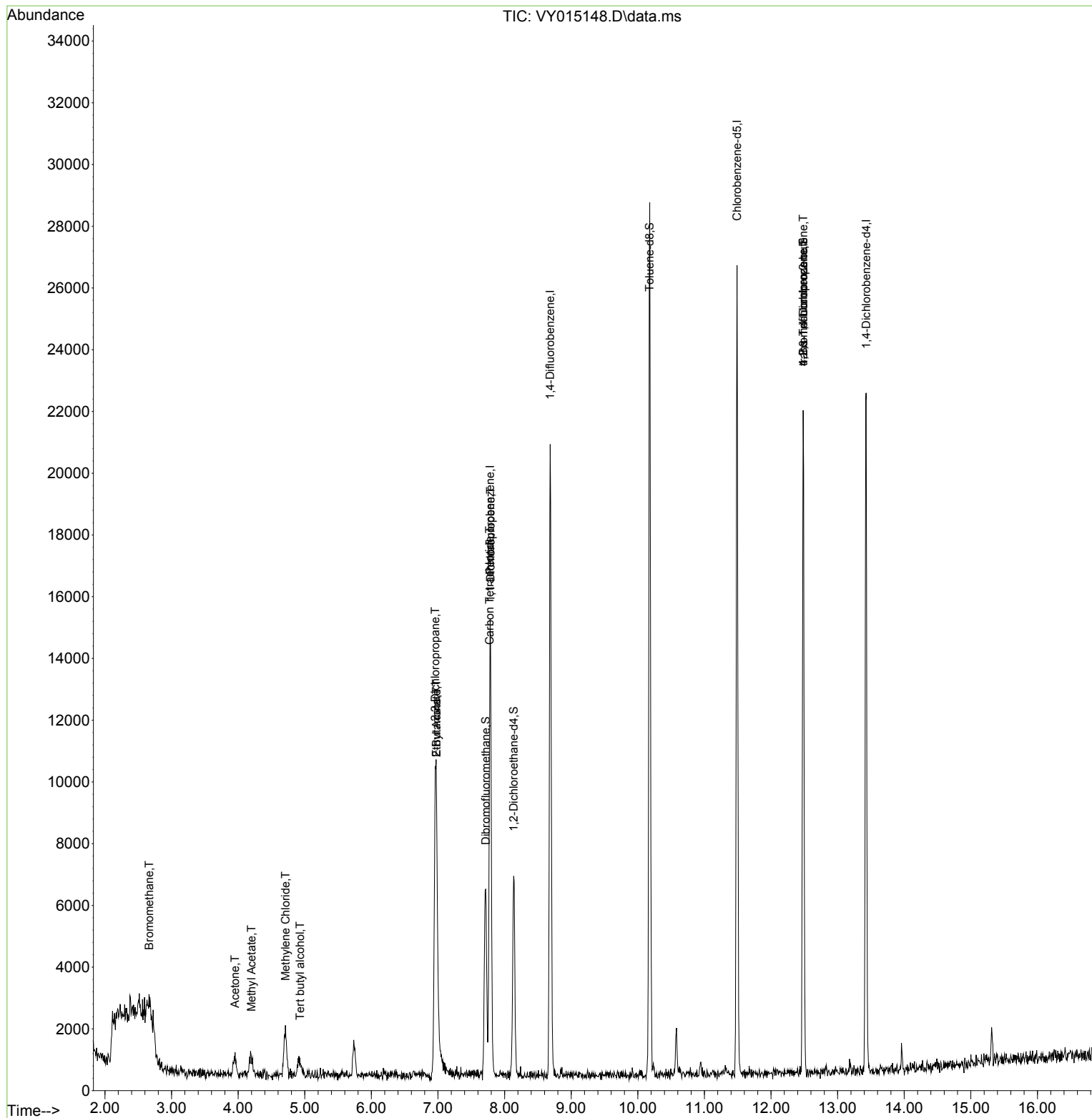
Internal Standards						
1) Pentafluorobenzene	7.782	168	11778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5114	36.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.340%
35) Dibromofluoromethane	7.715	113	4455	38.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.600%
50) Toluene-d8	10.178	98	19010	44.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.940%
62) 4-Bromofluorobenzene	12.483	95	5657	36.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.460%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	166	Below Cal	#	43
5) Bromomethane	2.661	94	368	4.093	ug/l	99
11) Tert butyl alcohol	4.929	59	556	8.217	ug/l #	89
16) Acetone	3.954	43	1253	27.128	ug/l	97
18) Methyl Acetate	4.198	43	295	1.743	ug/l #	54
20) Methylene Chloride	4.710	84	1225	7.379	ug/l #	82
25) 2-Butanone	6.978	43	631	9.649	ug/l #	49
26) 2,2-Dichloropropane	6.959	77	845	4.465	ug/l #	54
31) Cyclohexane	7.770	56	253	Below Cal	#	9
36) 1,1-Dichloropropene	7.789	75	948	7.462	ug/l #	44
37) Ethyl Acetate	6.978	43	631	5.329	ug/l #	1
38) Carbon Tetrachloride	7.776	117	1212	8.061	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	3079	41.910	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3079	92.055	ug/l #	10

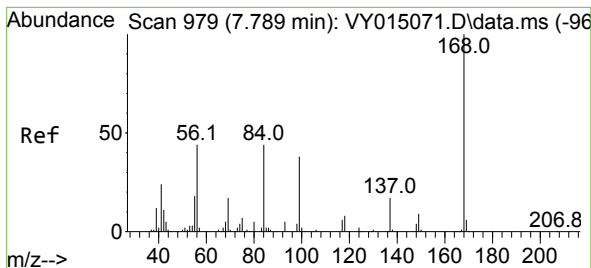
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 14 12:43:26 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.001 min

Lab File: VY015148.D

Acq: 16 Aug 2023 14:30

Instrument :

MSVOA_Y

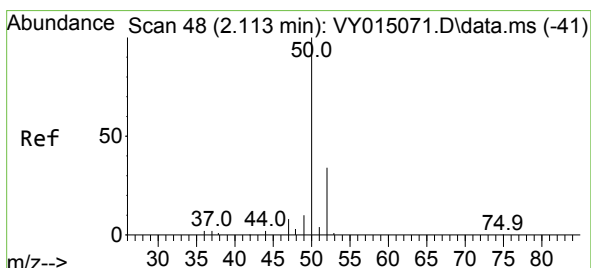
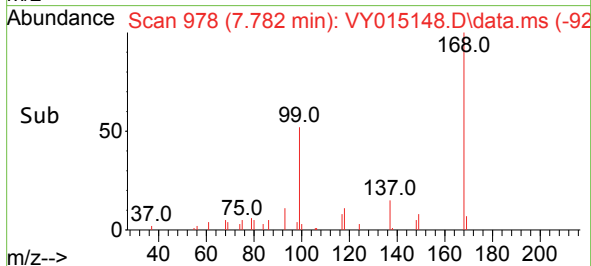
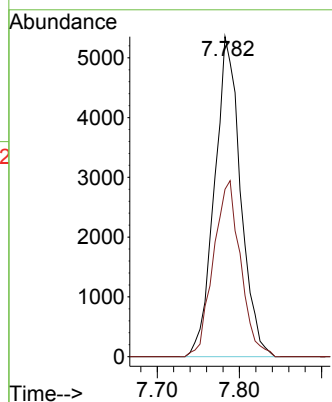
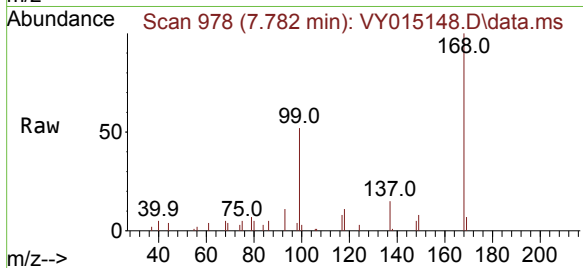
ClientSampleId :

Tgt Ion:168 Resp: 11778

Ion Ratio Lower Upper

168 100

99 52.3 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 48

Delta R.T. 0.006 min

Lab File: VY015148.D

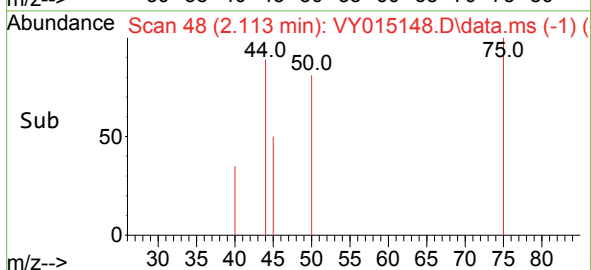
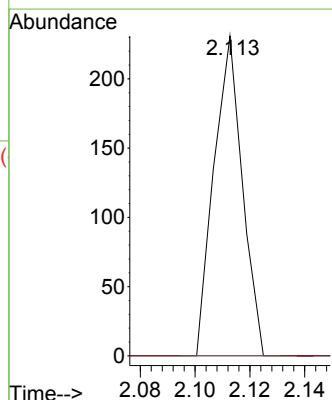
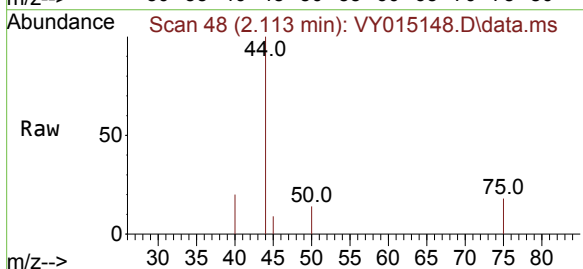
Acq: 16 Aug 2023 14:30

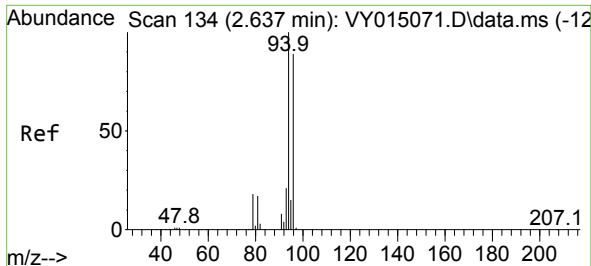
Tgt Ion: 50 Resp: 166

Ion Ratio Lower Upper

50 100

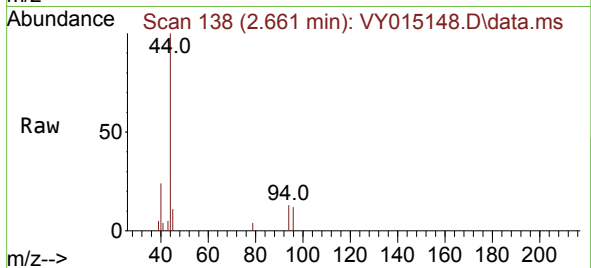
52 0.0 25.4 38.2#



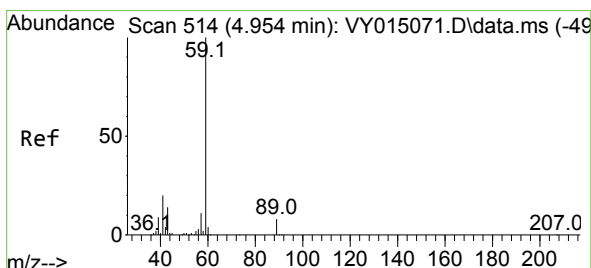
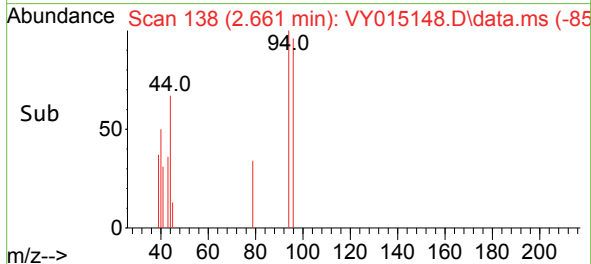
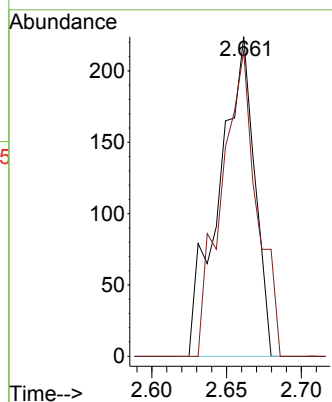


#5
Bromomethane
Concen: 4.093 ug/l
RT: 2.661 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

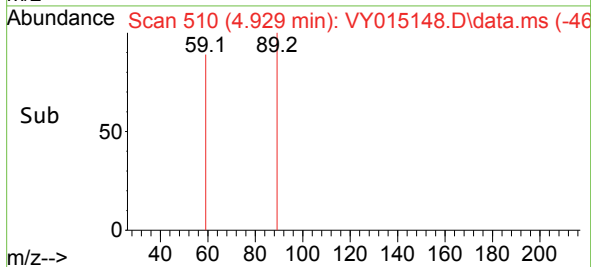
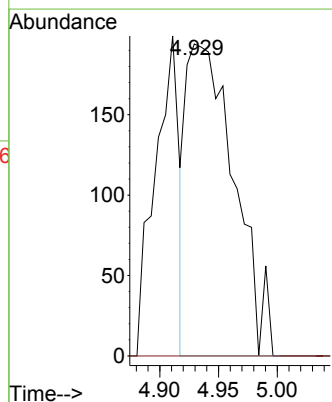
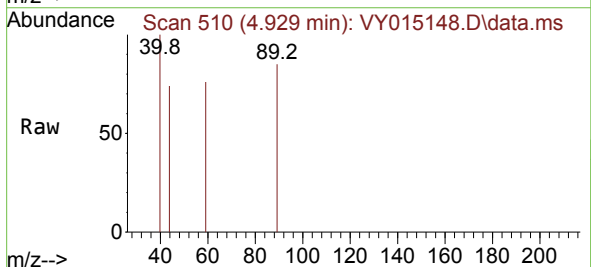


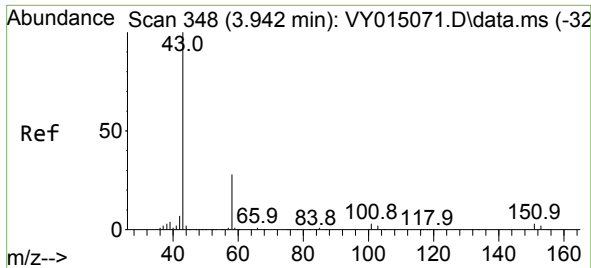
Tgt Ion: 94 Resp: 368
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.6



#11
Tert butyl alcohol
Concen: 8.217 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.019 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Tgt Ion: 59 Resp: 556
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

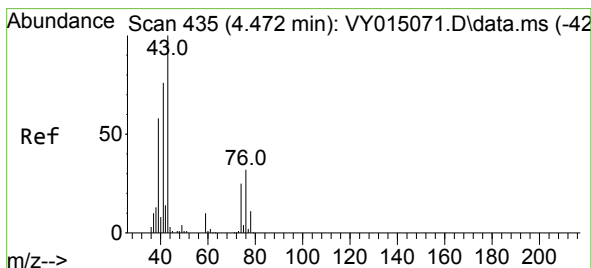
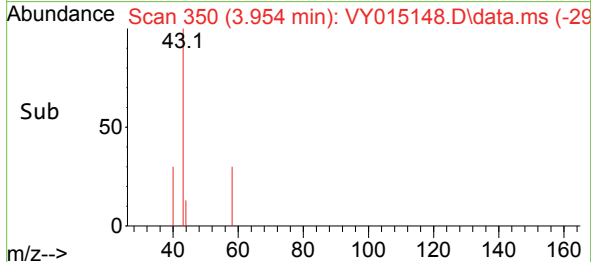
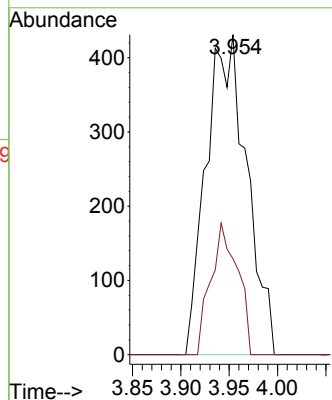
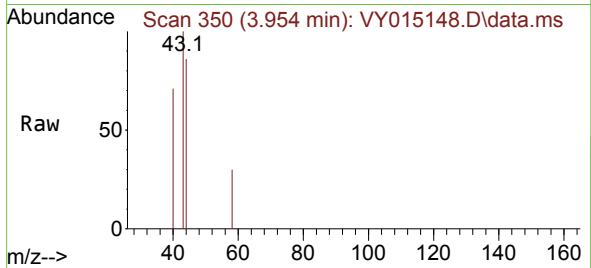




#16
Acetone
Concen: 27.128 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

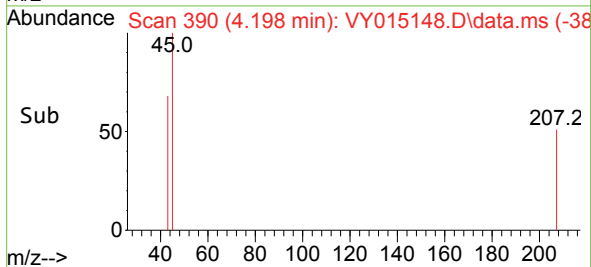
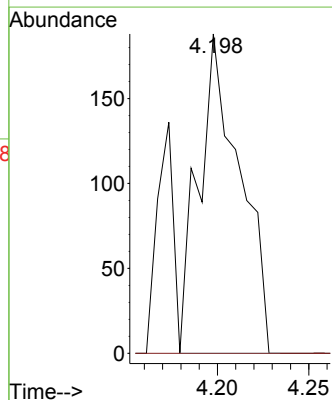
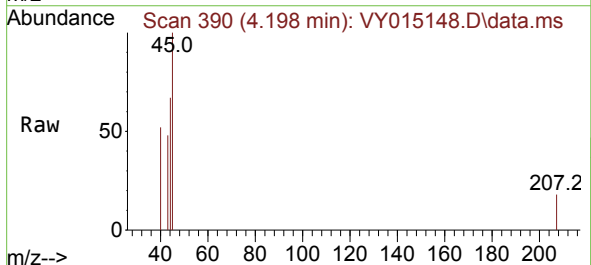
Instrument :
MSVOA_Y
ClientSampleId :

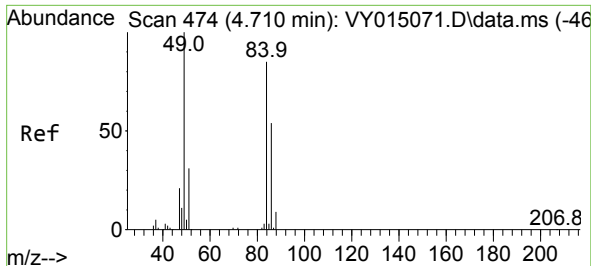
Tgt Ion: 43 Resp: 1253
Ion Ratio Lower Upper
43 100
58 29.9 22.7 34.1



#18
Methyl Acetate
Concen: 1.743 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.268 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

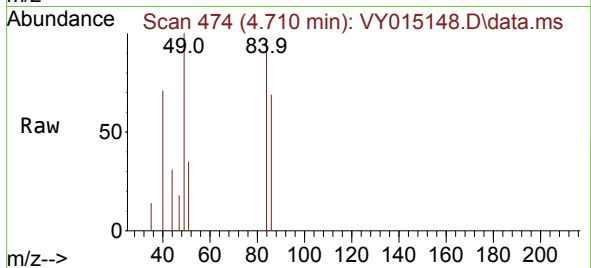
Tgt Ion: 43 Resp: 295
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



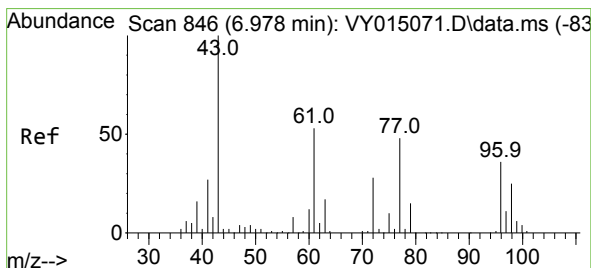
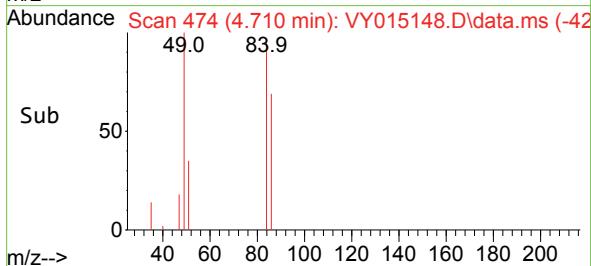
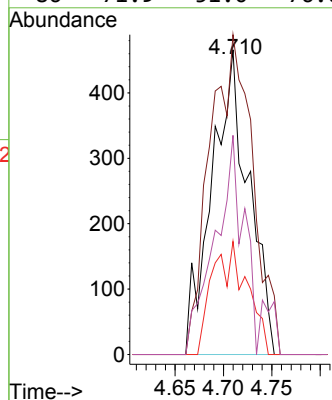


#20
Methylene Chloride
Concen: 7.379 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

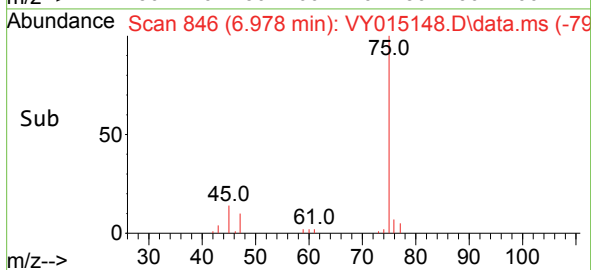
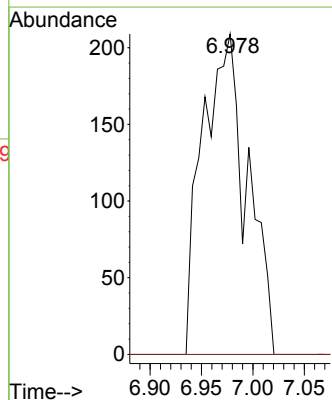
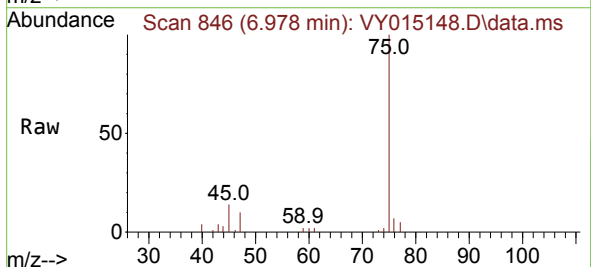


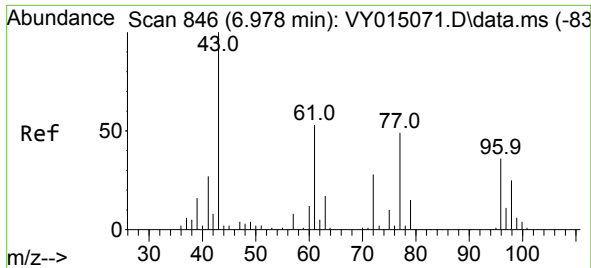
Tgt Ion: 84 Resp: 1225
Ion Ratio Lower Upper
84 100
49 104.9 106.9 160.3#
51 37.1 33.2 49.8
86 71.9 51.0 76.6



#25
2-Butanone
Concen: 9.649 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

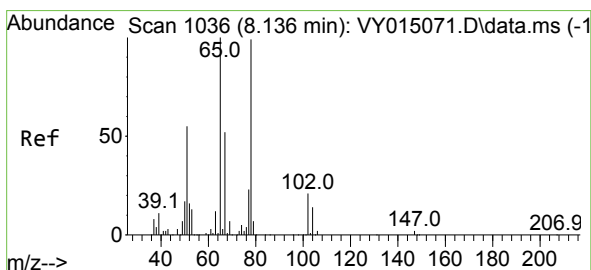
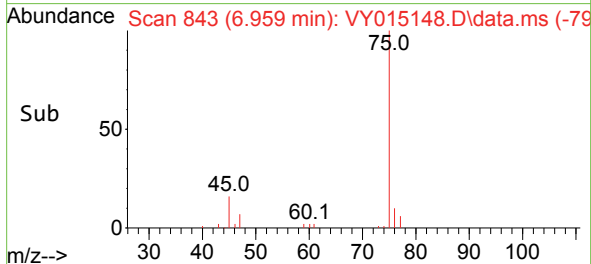
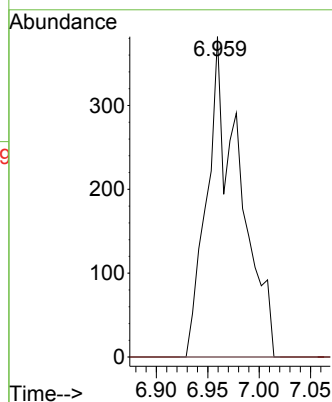
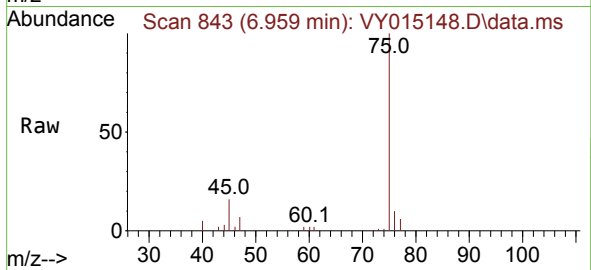




#26
2,2-Dichloropropane
Concen: 4.465 ug/l
RT: 6.959 min Scan# 846
Delta R.T. -0.013 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

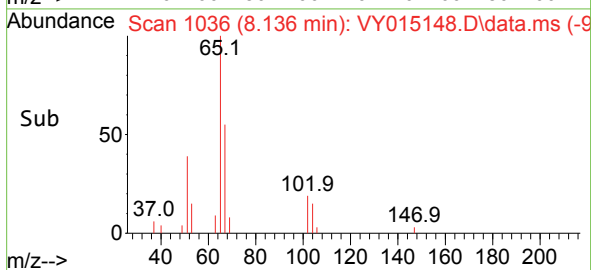
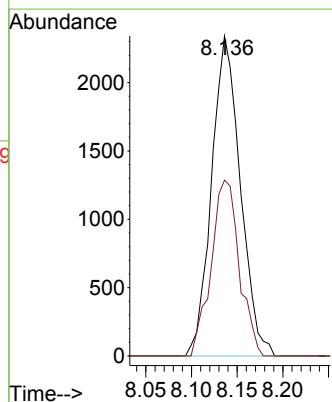
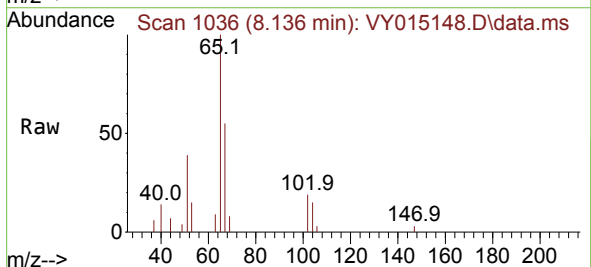
Instrument :
MSVOA_Y
ClientSampleId :

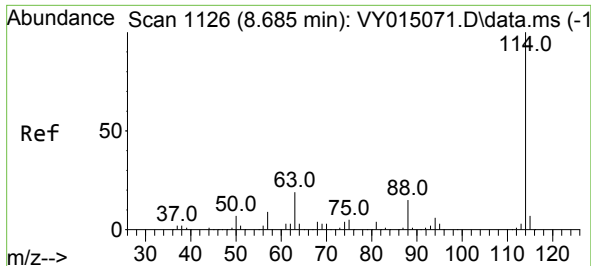
Tgt Ion: 77 Resp: 845
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#33
1,2-Dichloroethane-d4
Concen: 36.171 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Tgt Ion: 65 Resp: 5114
Ion Ratio Lower Upper
65 100
67 53.9 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: VY015148.D

Acq: 16 Aug 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

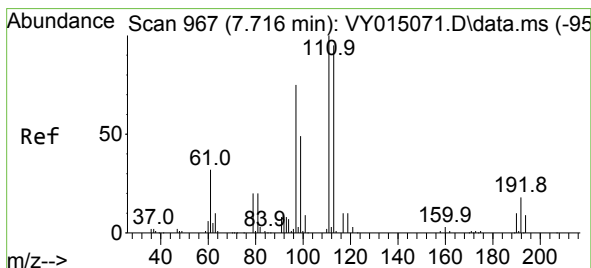
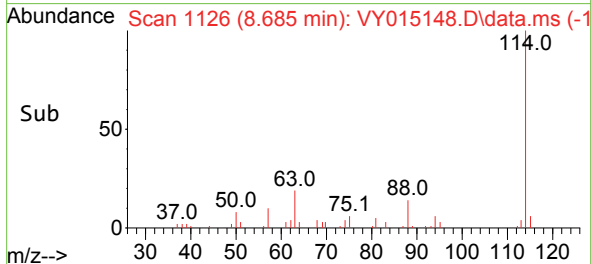
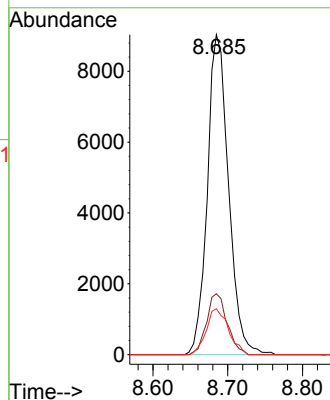
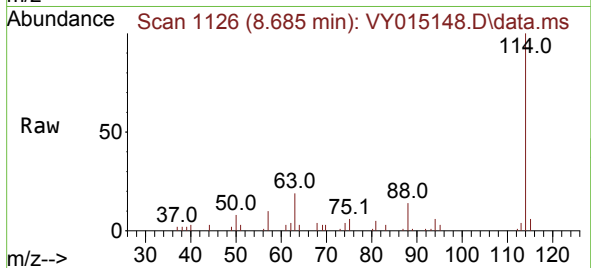
Tgt Ion:114 Resp: 17849

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 38.797 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015148.D

Acq: 16 Aug 2023 14:30

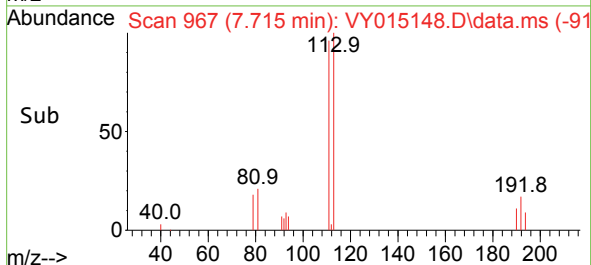
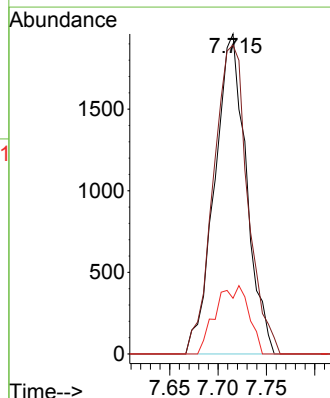
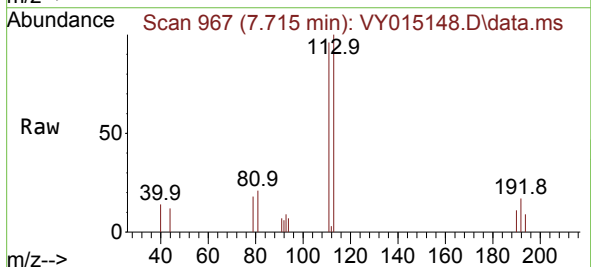
Tgt Ion:113 Resp: 4455

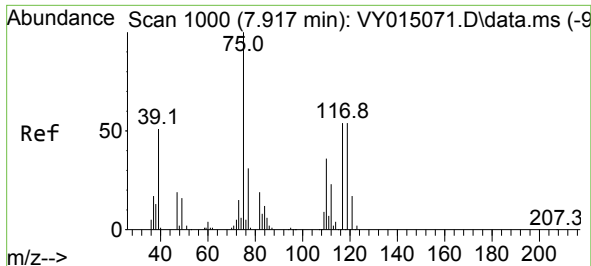
Ion Ratio Lower Upper

113 100

111 104.8 81.3 121.9

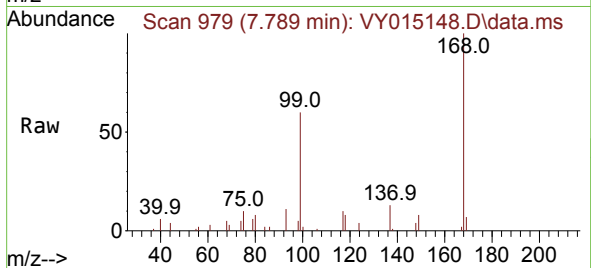
192 22.4 16.9 25.3



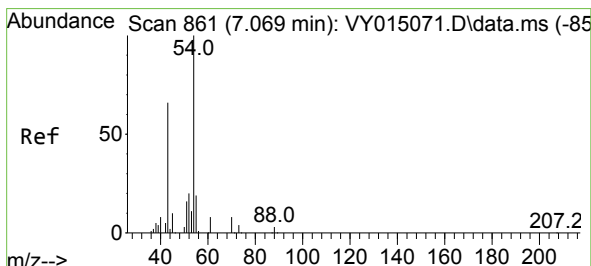
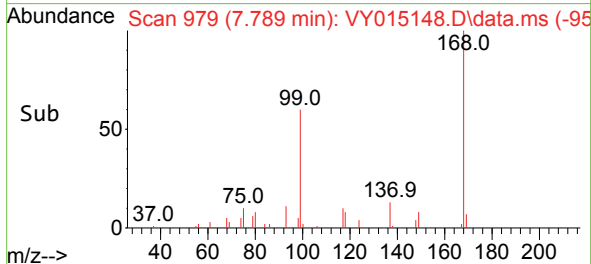
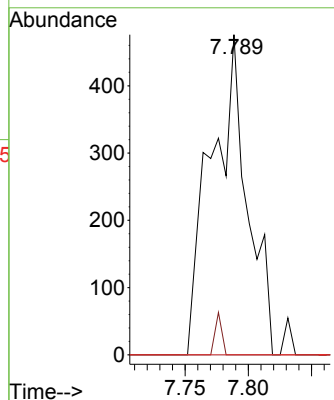


#36
1,1-Dichloropropene
Concen: 7.462 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

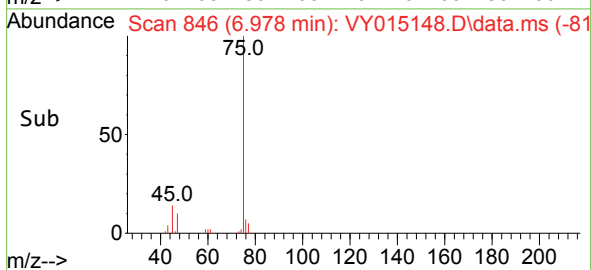
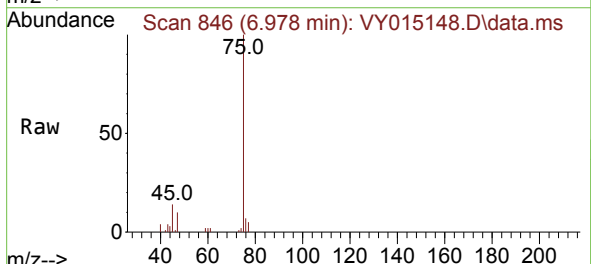
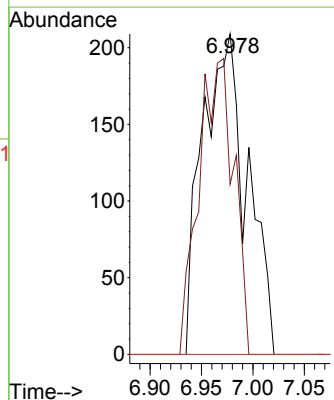


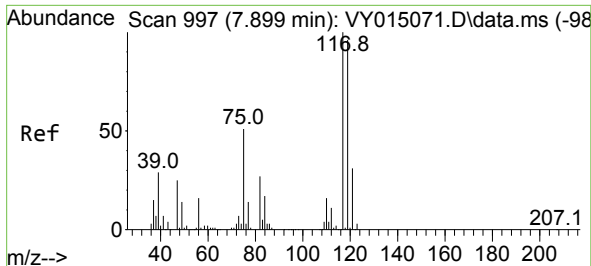
Tgt Ion: 75 Resp: 948
Ion Ratio Lower Upper
75 100
110 2.4 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 5.329 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

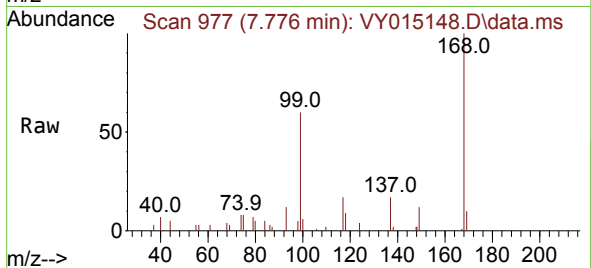
Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
61 72.7 10.1 15.1#
70 0.0 7.1 10.7#



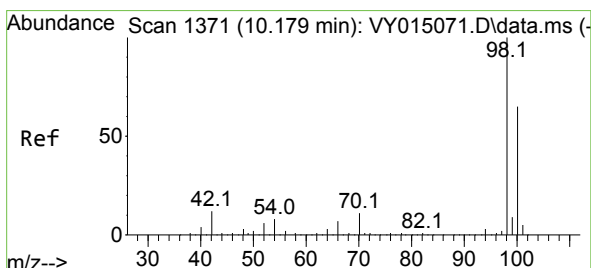
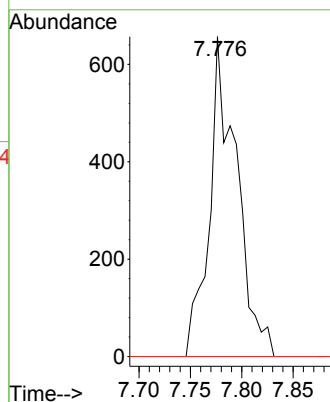
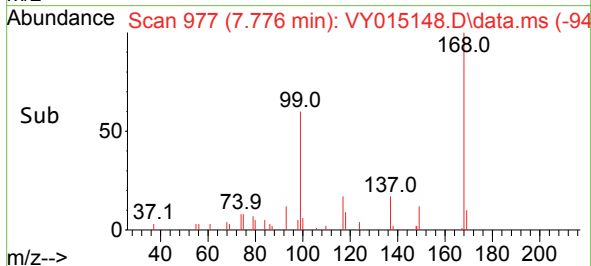


#38
Carbon Tetrachloride
Concen: 8.061 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

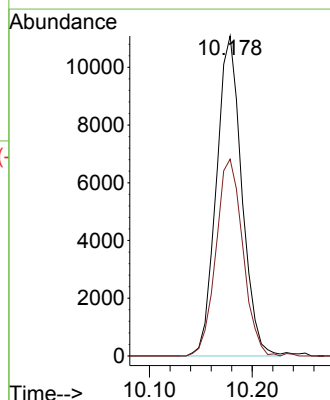
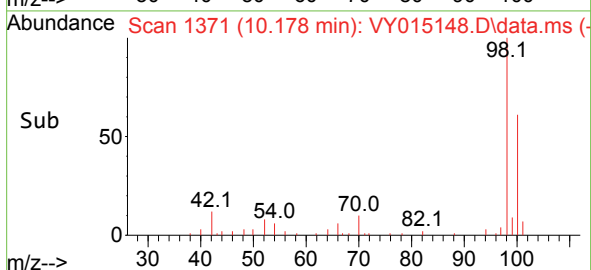
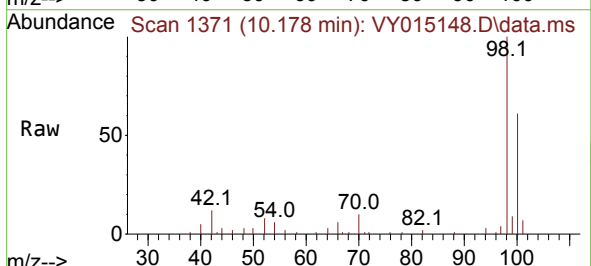


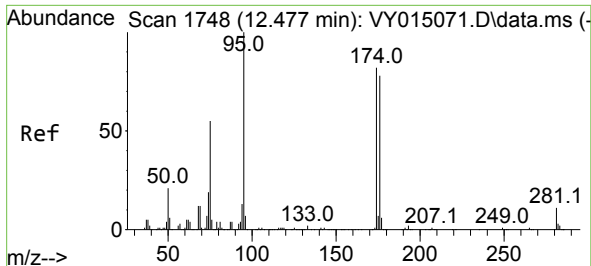
Tgt Ion:117 Resp: 1212
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 44.472 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Tgt Ion: 98 Resp: 19010
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

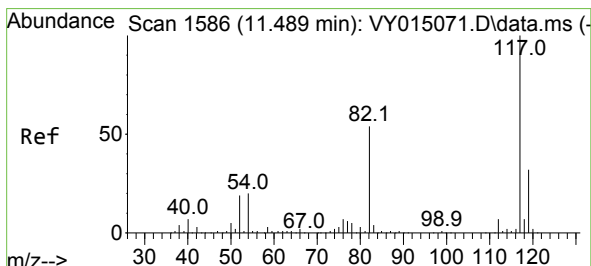
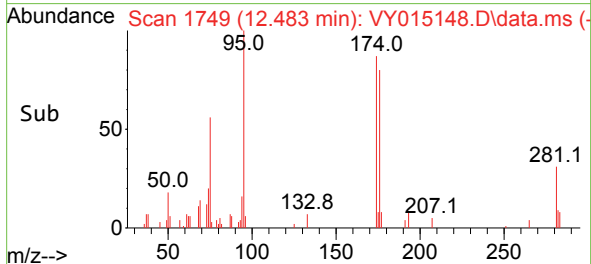
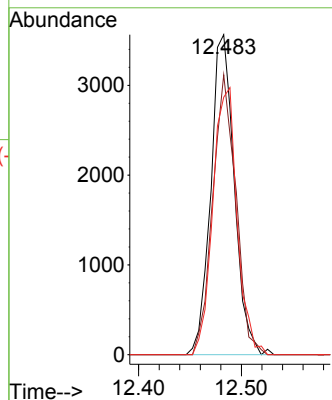
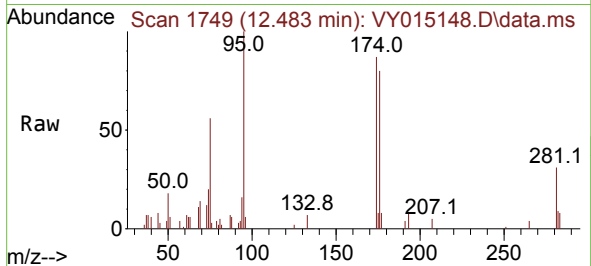




#62
4-Bromofluorobenzene
Concen: 36.233 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

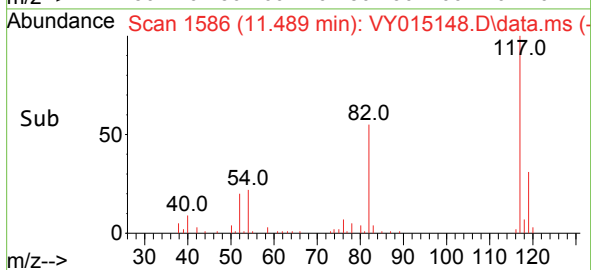
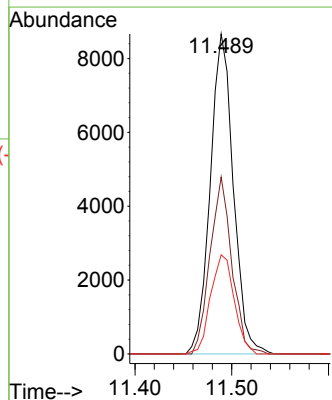
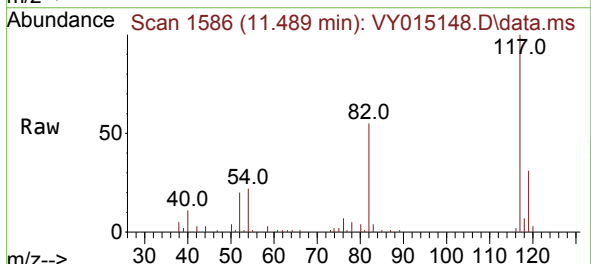
Instrument :
MSVOA_Y
ClientSampleId :

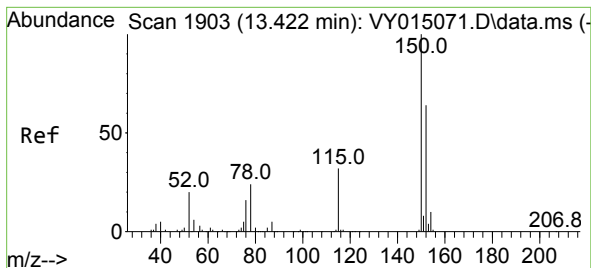
Tgt Ion: 95 Resp: 5657
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 86.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Tgt Ion: 117 Resp: 14374
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 31.0 26.3 39.5

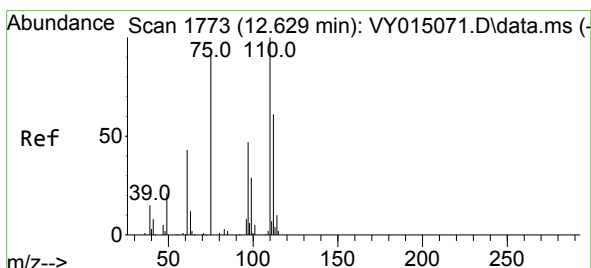
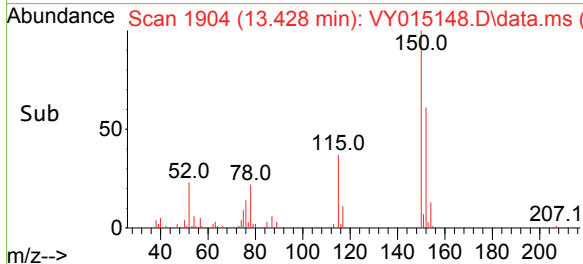
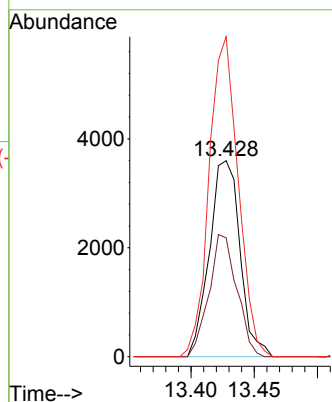
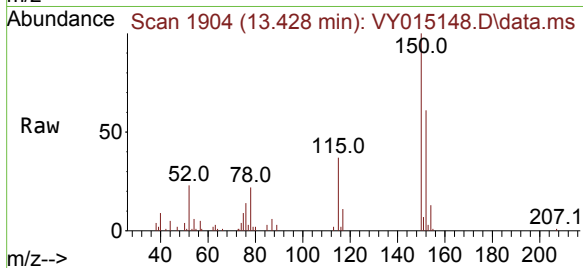




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015148.D
 Acq: 16 Aug 2023 14:30

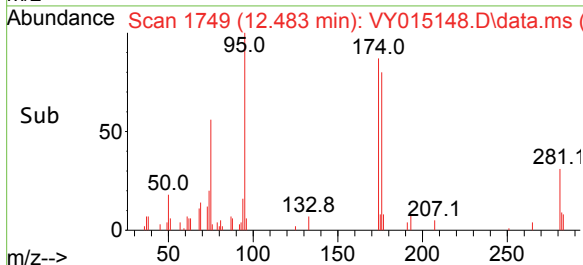
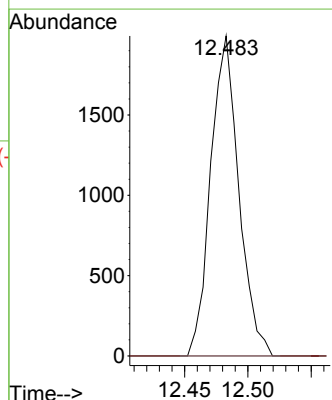
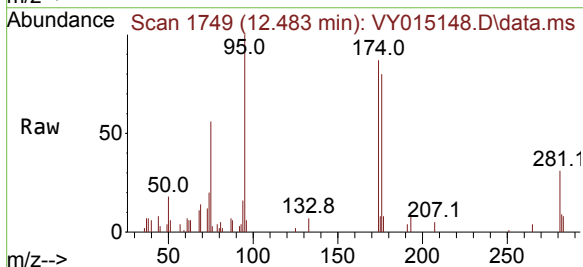
Instrument :
 MSVOA_Y
 ClientSampleId :

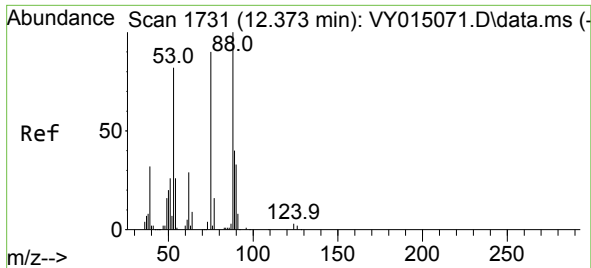
Tgt Ion:152 Resp: 6047
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.8 86.5
 150 155.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 41.910 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY015148.D
 Acq: 16 Aug 2023 14:30

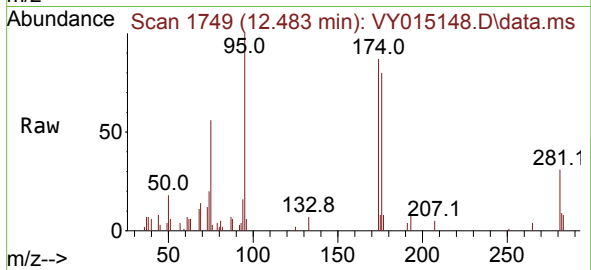
Tgt Ion: 75 Resp: 3079
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 92.055 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :



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

