

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015315.D
 Acq On : 24 Aug 2023 16:31
 Operator : SY/MD
 Sample : 04119-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 03:21:03 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)

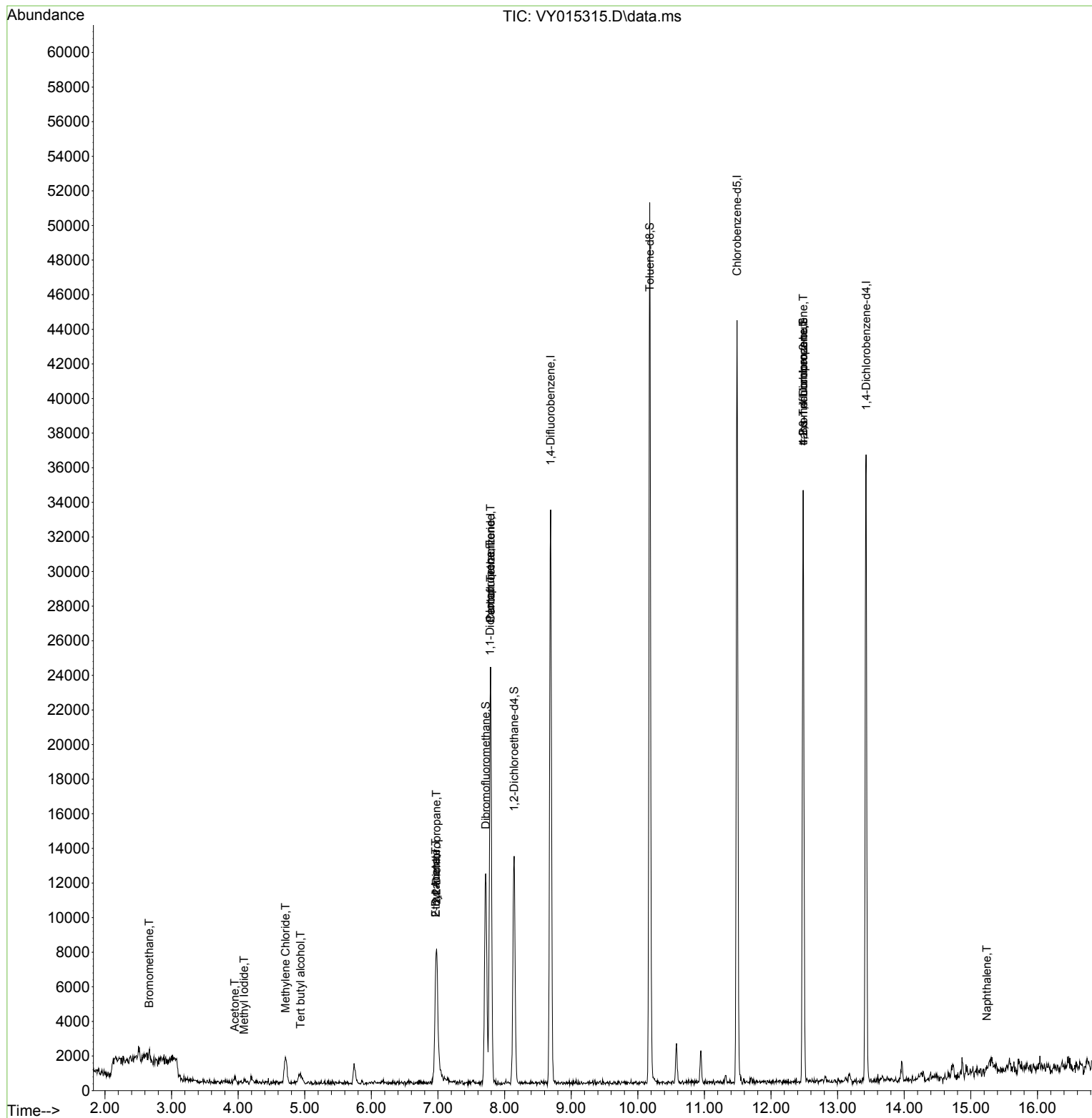
Internal Standards						
1) Pentafluorobenzene	7.789	168	19055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	29094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	24294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10704	46.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.600%
35) Dibromofluoromethane	7.715	113	9050	48.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.700%
50) Toluene-d8	10.178	98	32938	47.273	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.483	95	9615	37.781	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.560%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	195	Below Cal	#	87
5) Bromomethane	2.661	94	287	1.407	ug/l	93
10) Methyl Iodide	4.088	142	159	1.020	ug/l #	54
11) Tert butyl alcohol	4.935	59	770	4.540	ug/l #	89
16) Acetone	3.948	43	594	7.949	ug/l	95
20) Methylene Chloride	4.710	84	1215	2.694	ug/l #	54
25) 2-Butanone	6.966	43	233	2.202	ug/l #	49
26) 2,2-Dichloropropane	6.978	77	593	1.937	ug/l #	54
31) Cyclohexane	7.795	56	394	Below Cal	#	44
36) 1,1-Dichloropropene	7.782	75	1604	7.746	ug/l #	43
37) Ethyl Acetate	6.966	43	233	1.207	ug/l #	1
38) Carbon Tetrachloride	7.789	117	1851	7.553	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	5373	46.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5373	101.663	ug/l #	10
95) Naphthalene	15.238	128	883	1.990	ug/l #	80

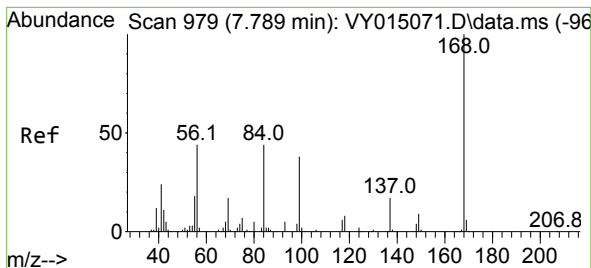
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015315.D

Acq: 24 Aug 2023 16:31

Instrument :

MSVOA_Y

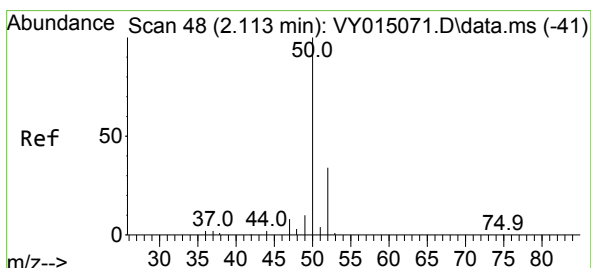
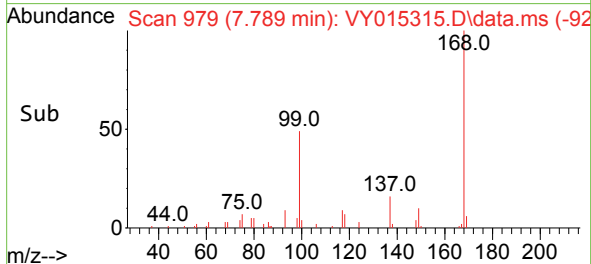
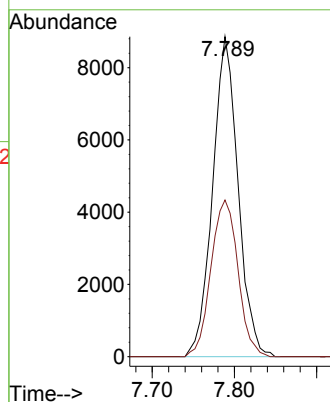
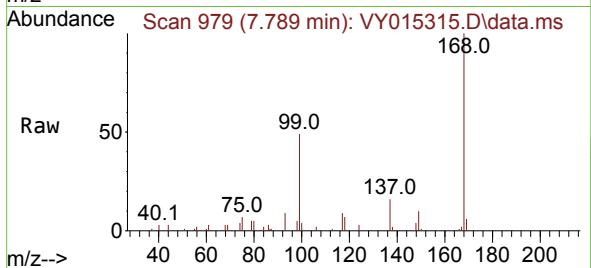
ClientSampleId :

Tgt Ion:168 Resp: 19055

Ion Ratio Lower Upper

168 100

99 48.9 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 48

Delta R.T. 0.006 min

Lab File: VY015315.D

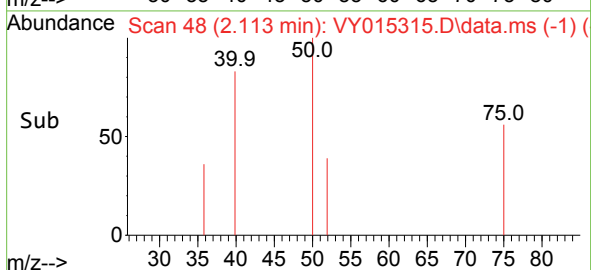
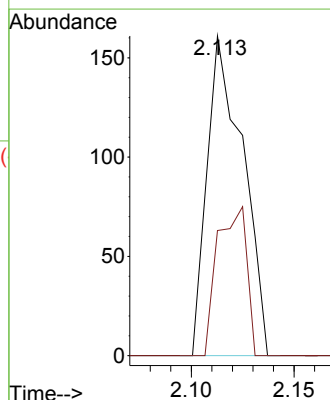
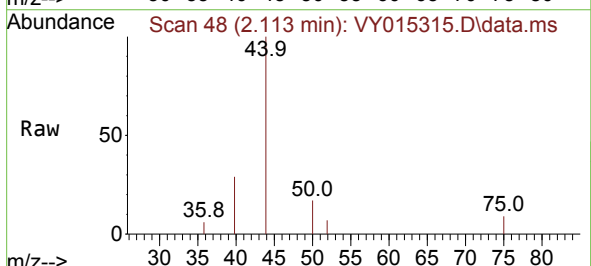
Acq: 24 Aug 2023 16:31

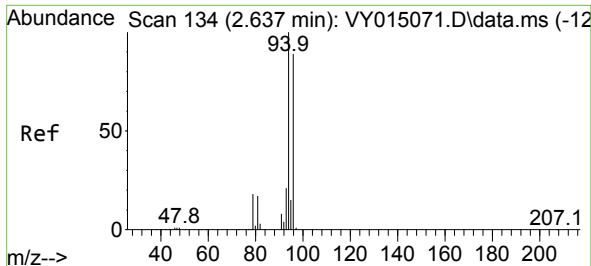
Tgt Ion: 50 Resp: 195

Ion Ratio Lower Upper

50 100

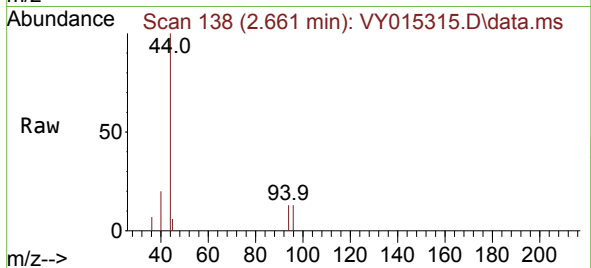
52 39.1 25.4 38.2#



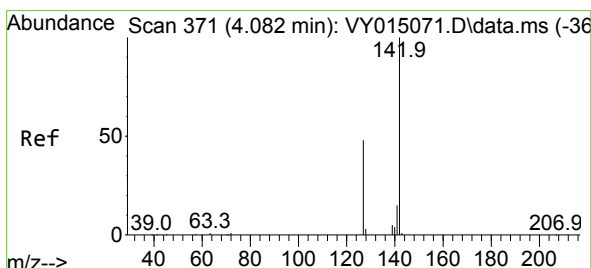
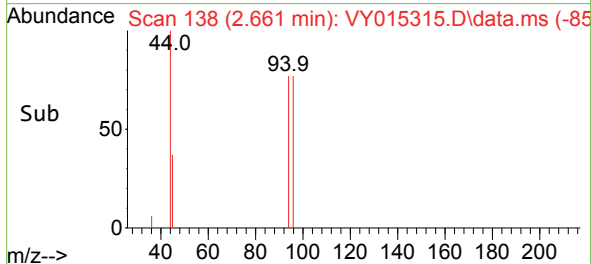
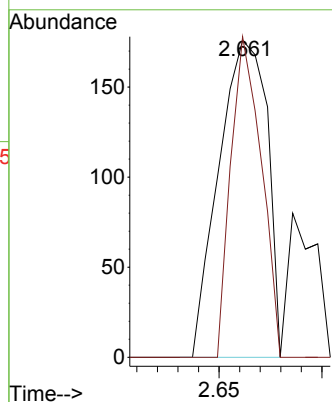


#5
Bromomethane
Concen: 1.407 ug/l
RT: 2.661 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :

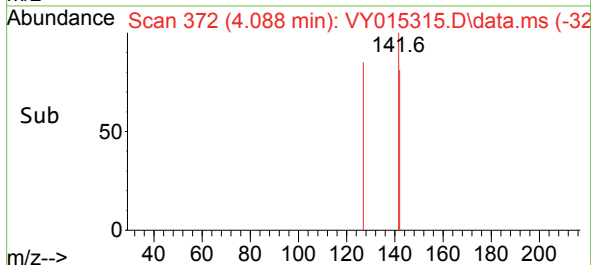
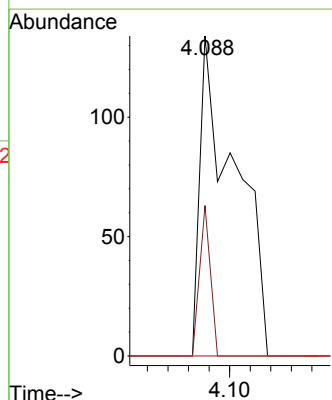
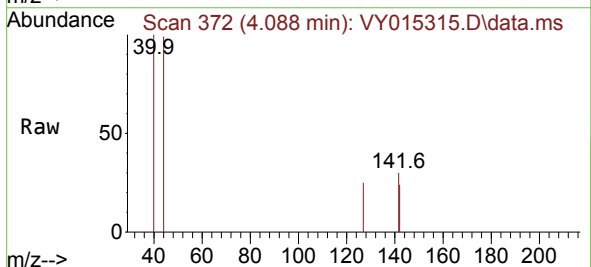


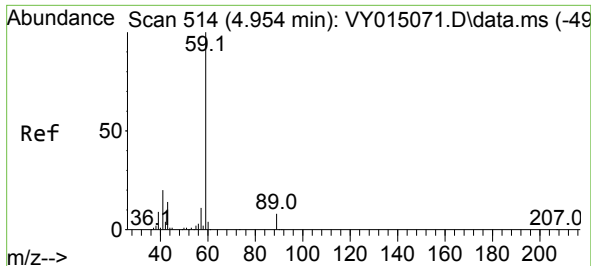
Tgt Ion: 94 Resp: 287
Ion Ratio Lower Upper
94 100
96 101.1 75.8 113.6



#10
Methyl Iodide
Concen: 1.020 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

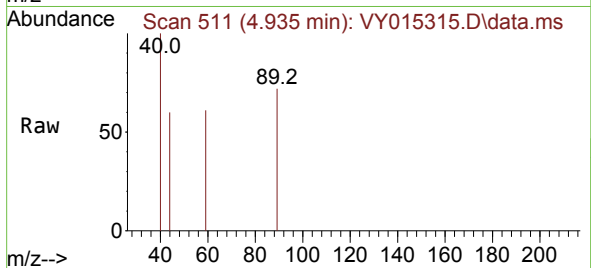
Tgt Ion: 142 Resp: 159
Ion Ratio Lower Upper
142 100
127 14.5 37.6 56.4#
141 0.0 11.8 17.8#



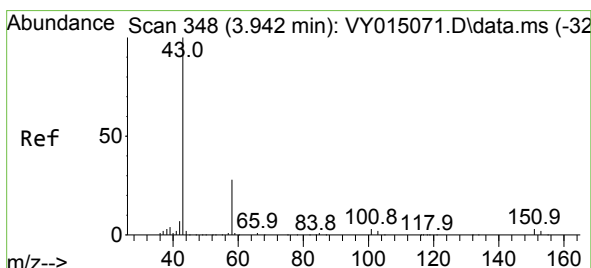
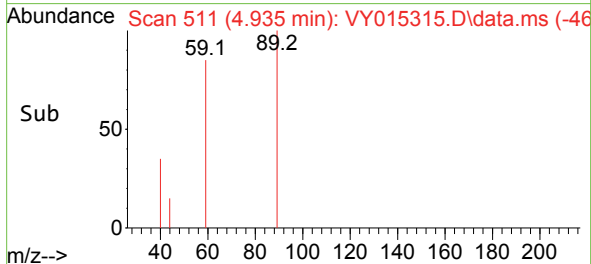
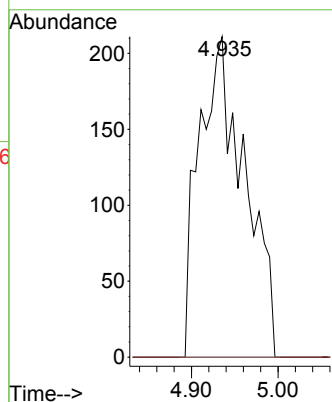


#11
Tert butyl alcohol
Concen: 4.540 ug/l
RT: 4.935 min Scan# 514
Delta R.T. -0.013 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :

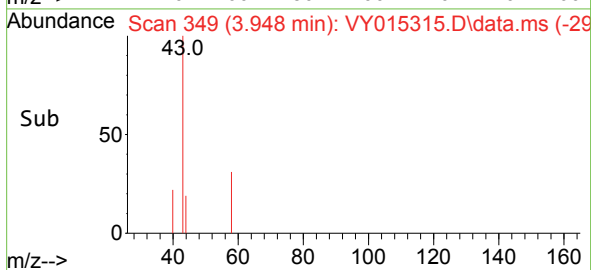
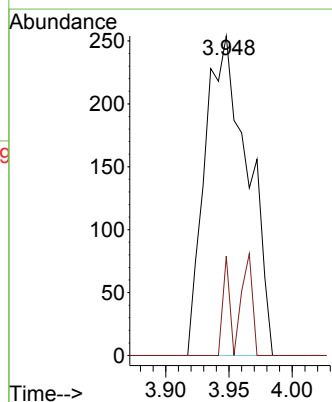
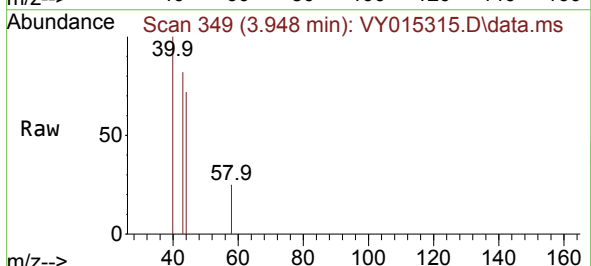


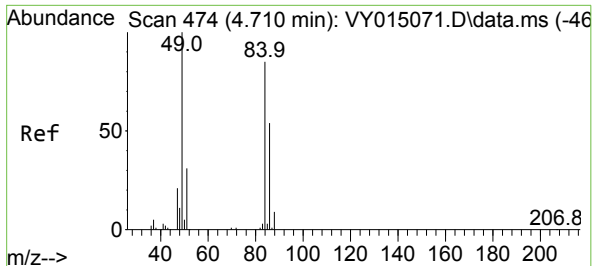
Tgt Ion: 59 Resp: 770
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 7.949 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

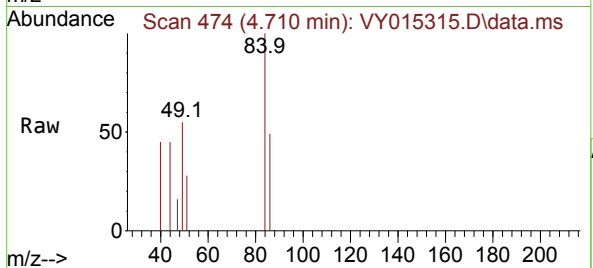
Tgt Ion: 43 Resp: 594
Ion Ratio Lower Upper
43 100
58 31.1 22.7 34.1



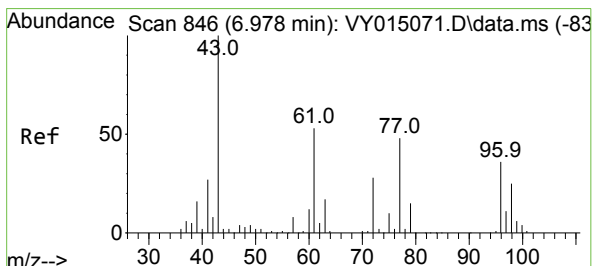
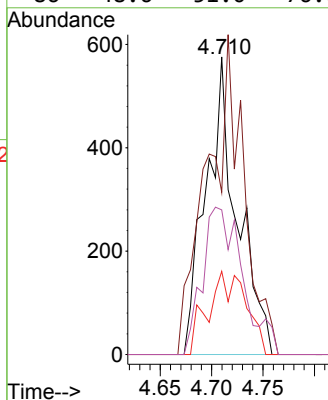
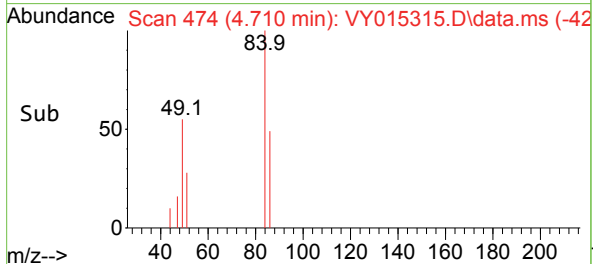


#20
Methylene Chloride
Concen: 2.694 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :

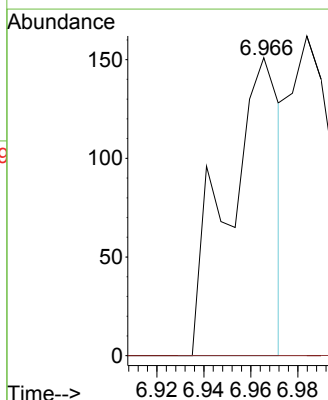
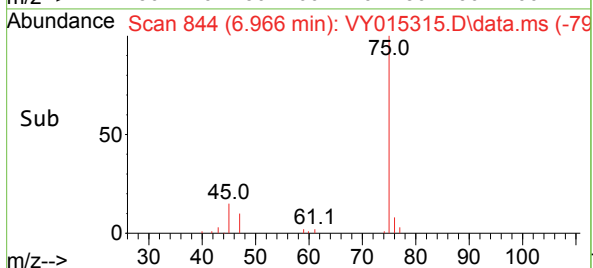
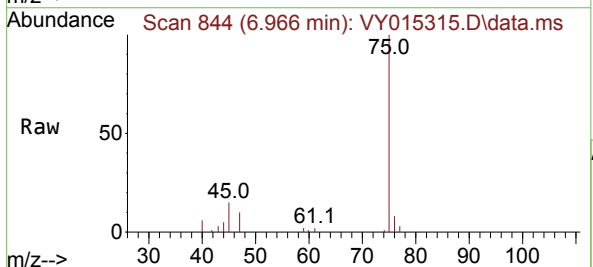


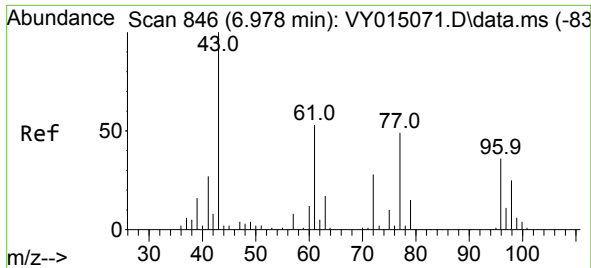
Tgt Ion: 84 Resp: 1215
Ion Ratio Lower Upper
84 100
49 54.5 106.9 160.3#
51 28.0 33.2 49.8#
86 48.6 51.0 76.6#



#25
2-Butanone
Concen: 2.202 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.013 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

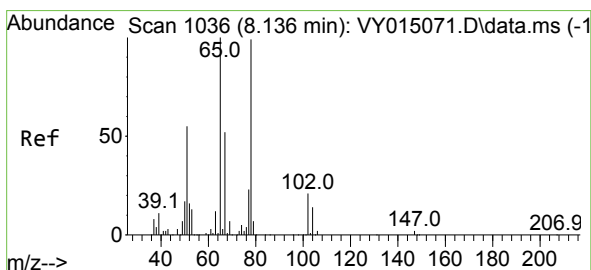
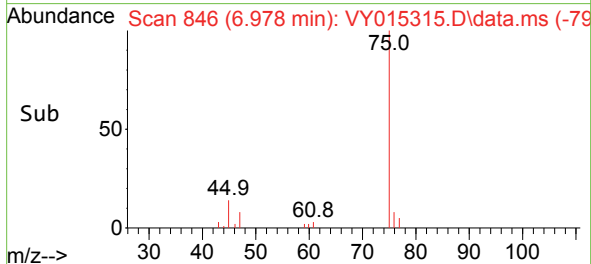
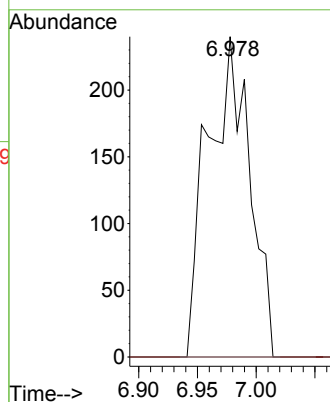
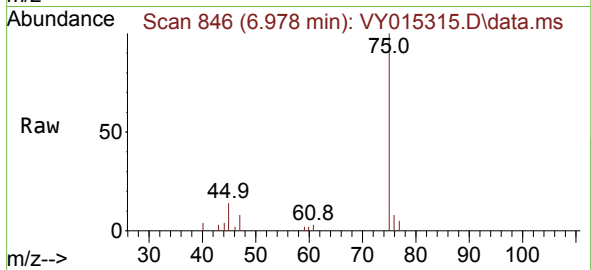




#26
2,2-Dichloropropane
Concen: 1.937 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

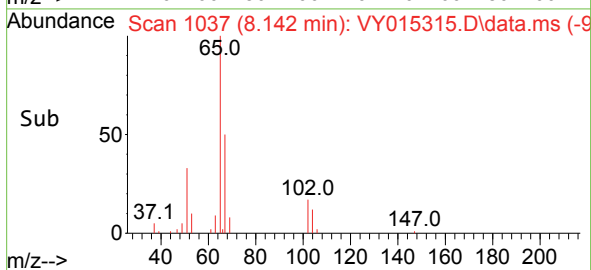
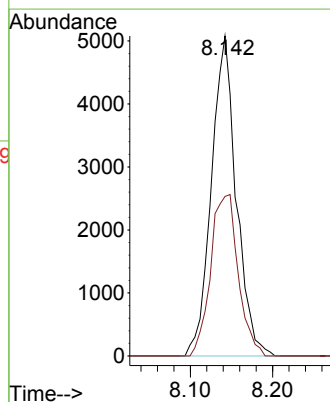
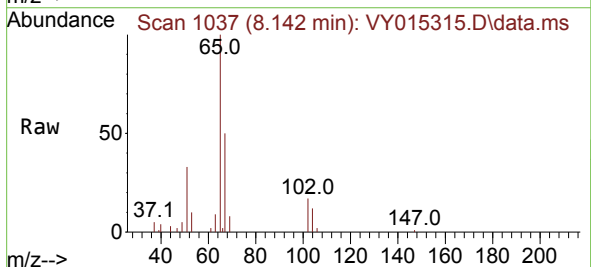
Instrument :
MSVOA_Y
ClientSampleId :

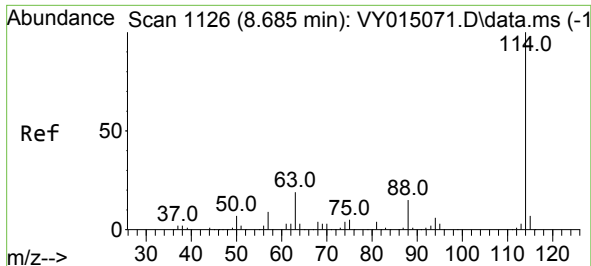
Tgt Ion: 77 Resp: 593
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#33
1,2-Dichloroethane-d4
Concen: 46.796 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Tgt Ion: 65 Resp: 10704
Ion Ratio Lower Upper
65 100
67 55.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015315.D

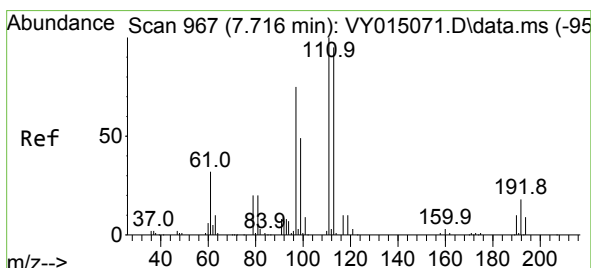
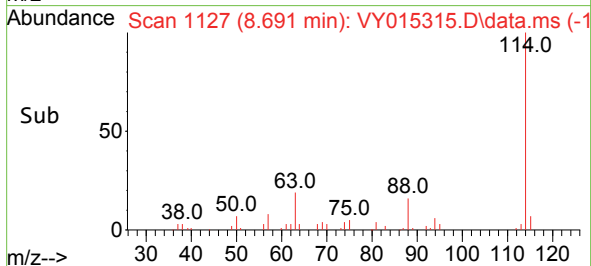
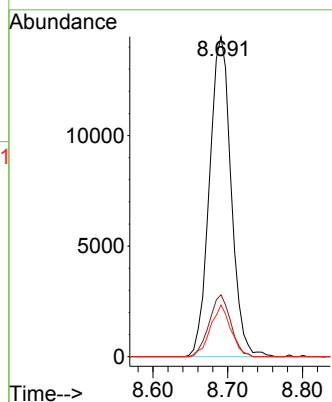
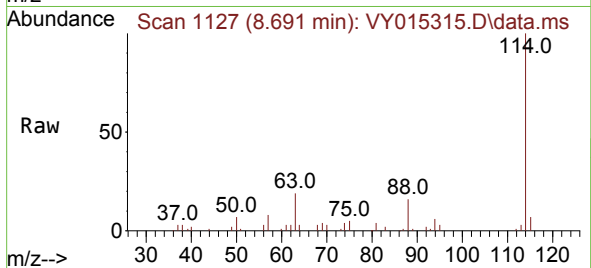
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Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	29094
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 42.4
88	16.2	0.0 30.6



#35

Dibromofluoromethane

Concen: 48.351 ug/l

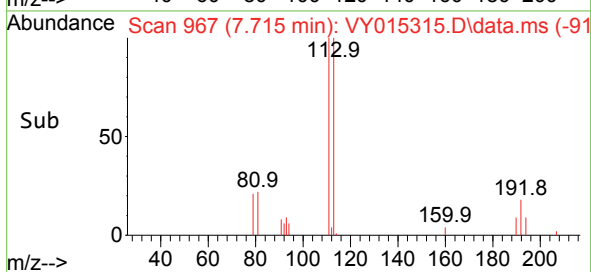
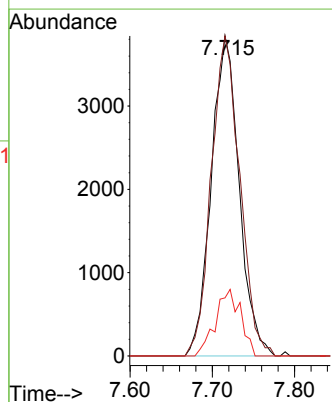
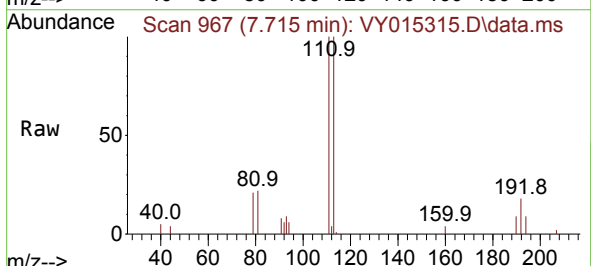
RT: 7.715 min Scan# 967

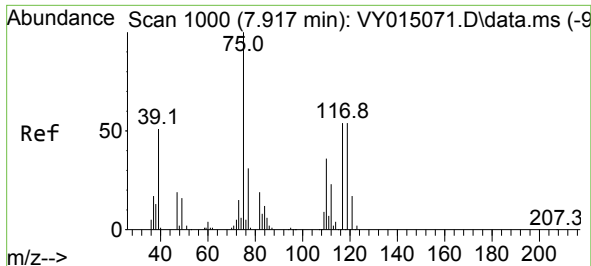
Delta R.T. -0.000 min

Lab File: VY015315.D

Acq: 24 Aug 2023 16:31

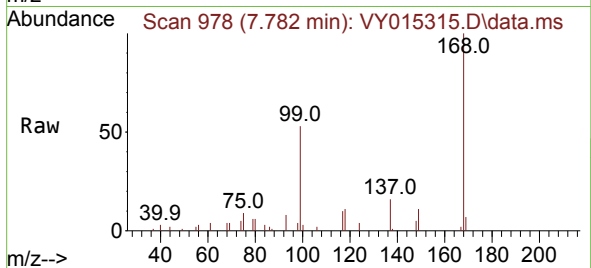
Tgt Ion:113	Resp:	9050
Ion Ratio	Lower	Upper
113	100	
111	102.1	81.3 121.9
192	18.9	16.9 25.3



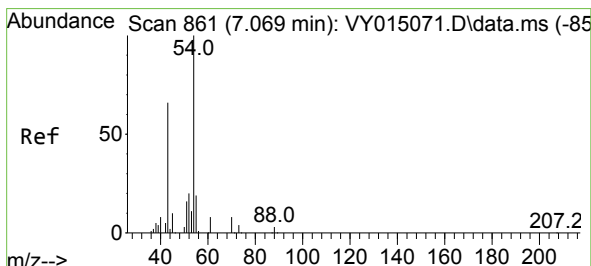
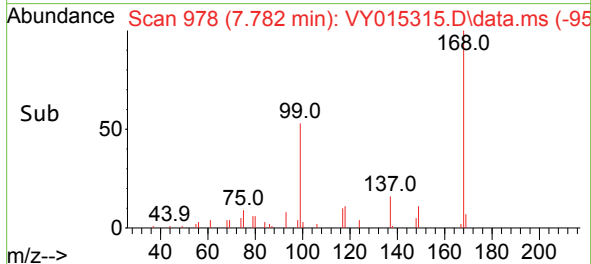
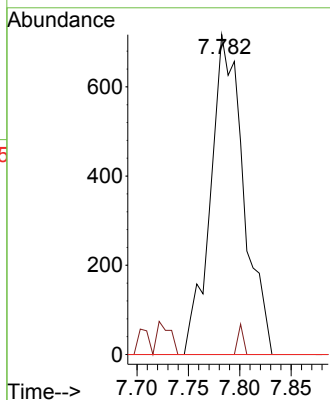


#36
1,1-Dichloropropene
Concen: 7.746 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :

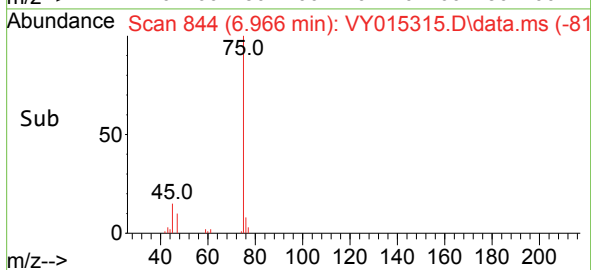
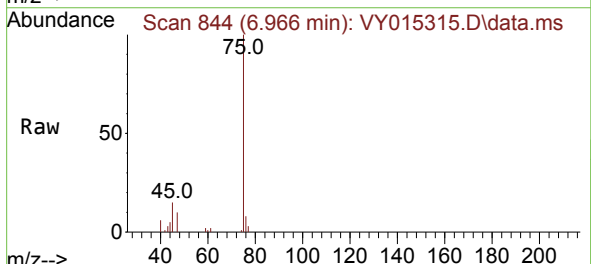
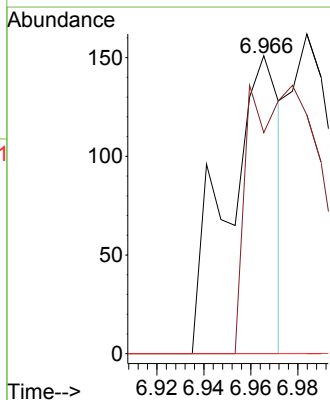


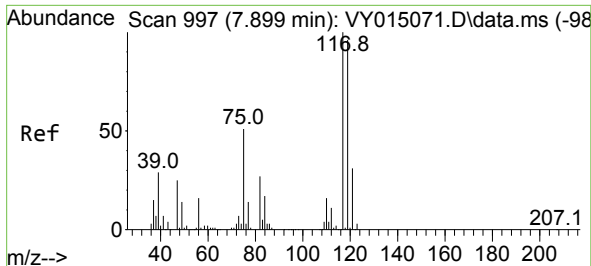
Tgt Ion: 75 Resp: 1604
Ion Ratio Lower Upper
75 100
110 1.6 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.207 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.104 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

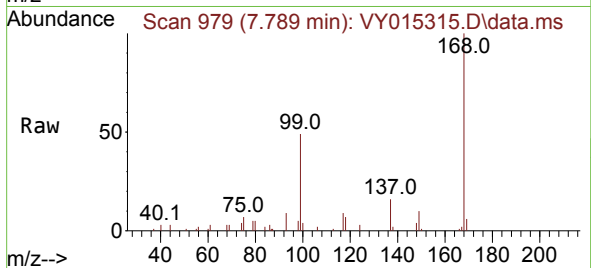
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
61 122.7 10.1 15.1#
70 0.0 7.1 10.7#



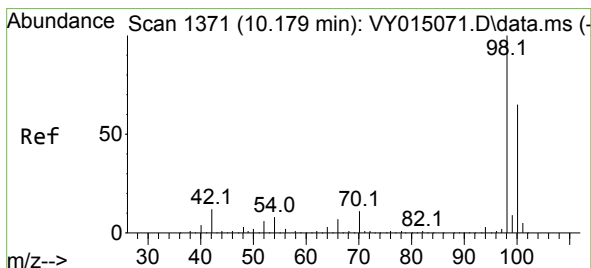
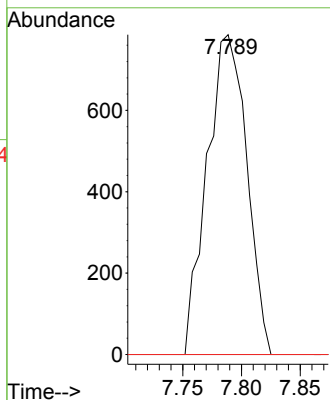
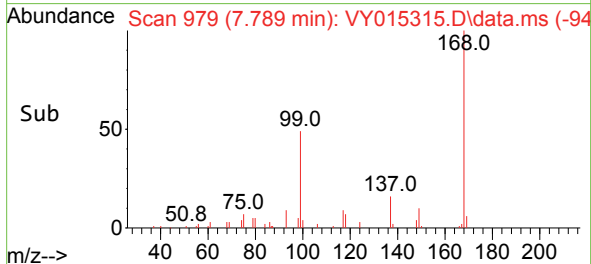


#38
Carbon Tetrachloride
Concen: 7.553 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :

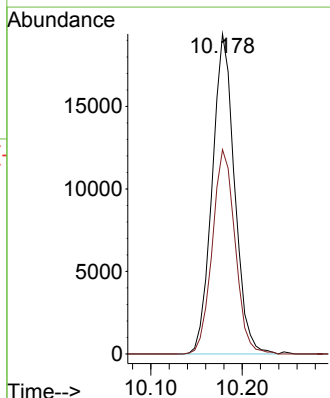
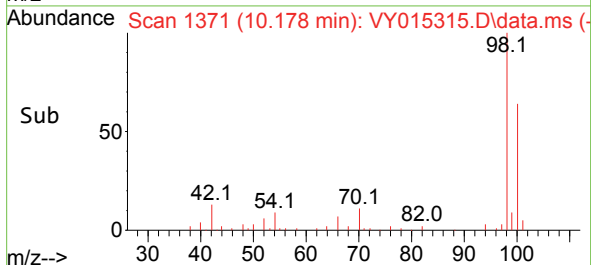
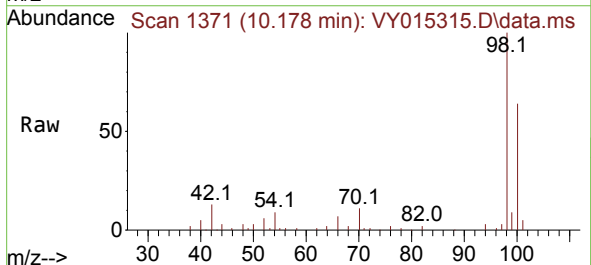


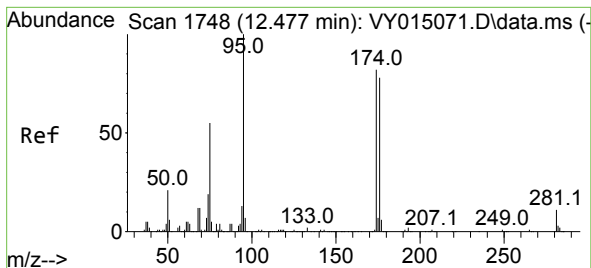
Tgt Ion:117 Resp: 1851
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.273 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Tgt Ion: 98 Resp: 32938
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

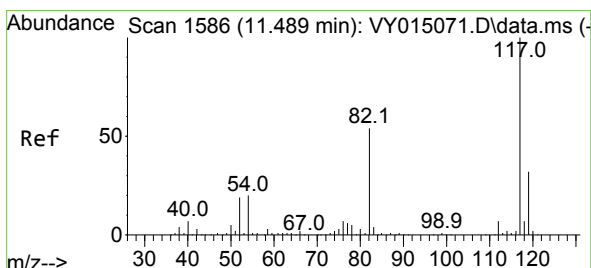
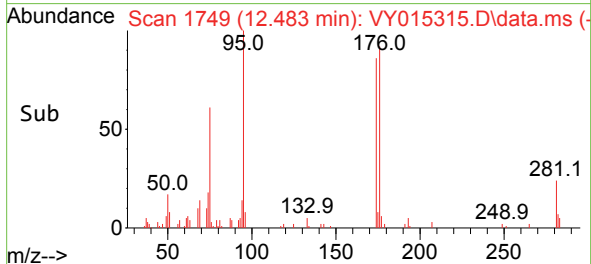
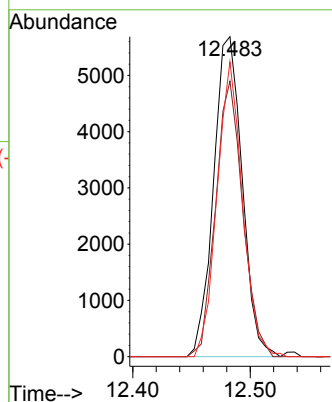
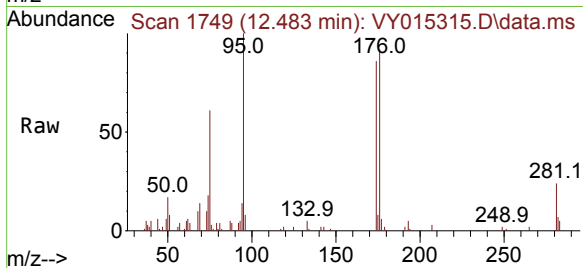




#62
4-Bromofluorobenzene
Concen: 37.781 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

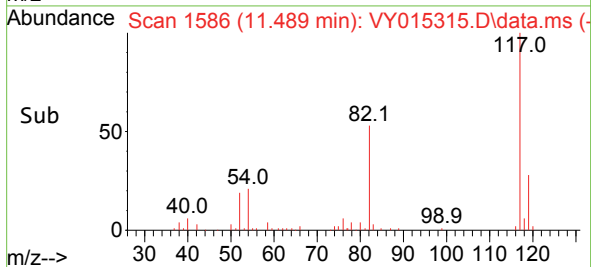
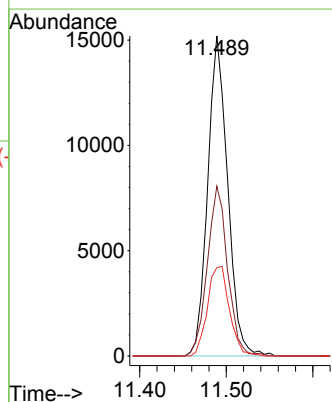
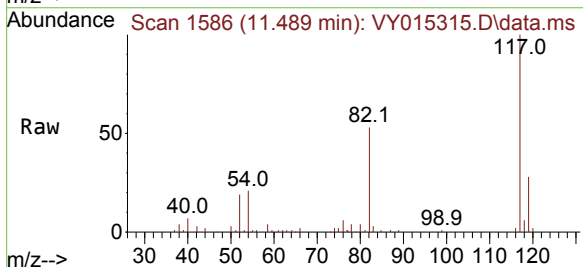
Instrument :
MSVOA_Y
ClientSampleId :

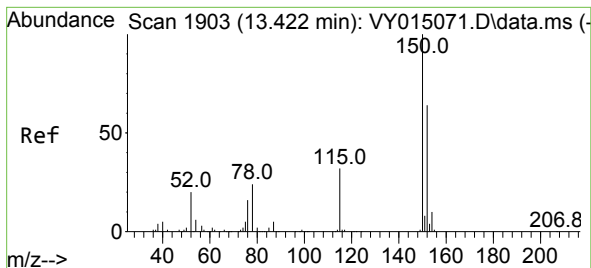
Tgt Ion: 95 Resp: 9615
Ion Ratio Lower Upper
95 100
174 81.9 0.0 178.2
176 82.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Tgt Ion: 117 Resp: 24294
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 27.6 26.3 39.5

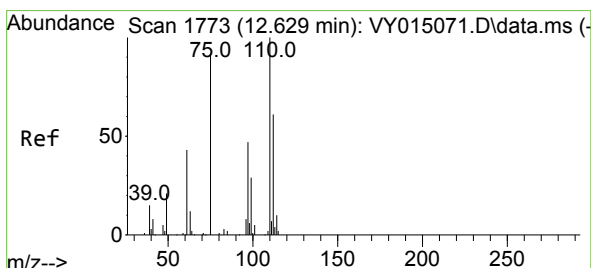
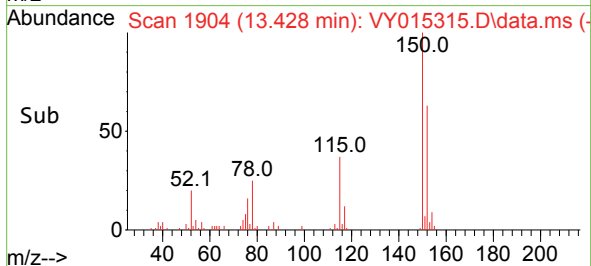
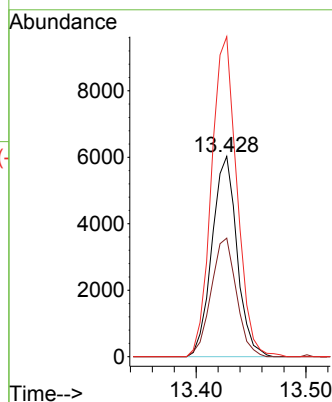
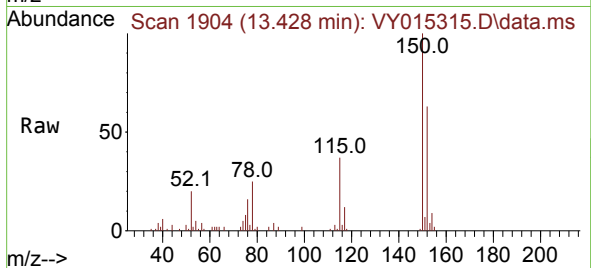




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015315.D
 Acq: 24 Aug 2023 16:31

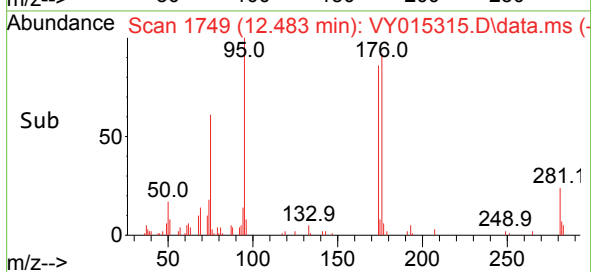
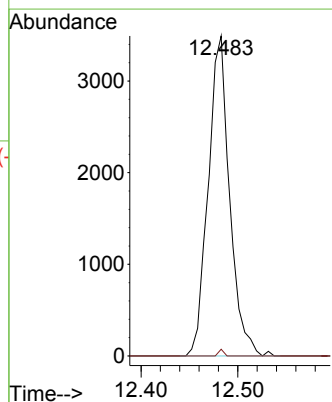
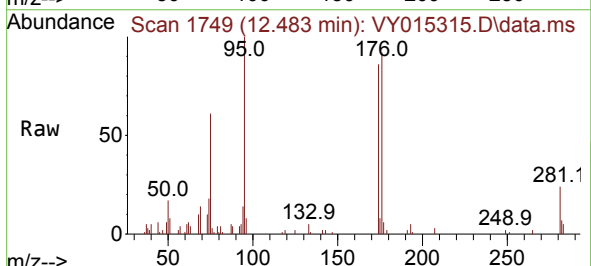
Instrument :
 MSVOA_Y
 ClientSampleId :

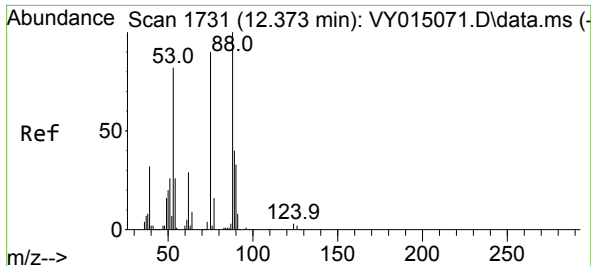
Tgt Ion:152 Resp: 9555
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.8 86.5
 150 162.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 46.285 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY015315.D
 Acq: 24 Aug 2023 16:31

Tgt Ion: 75 Resp: 5373
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#

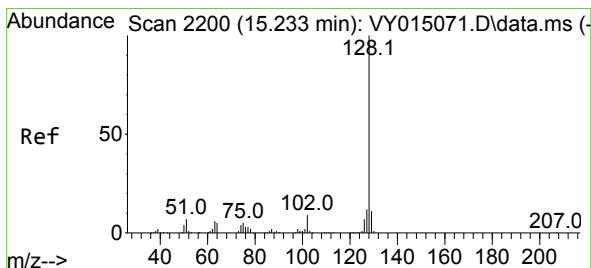
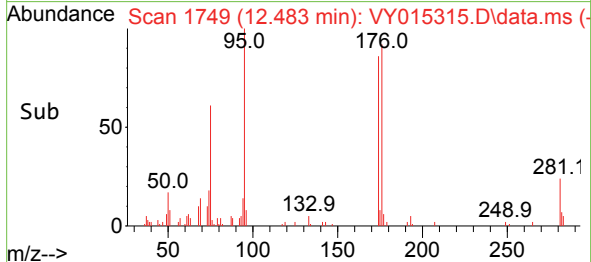
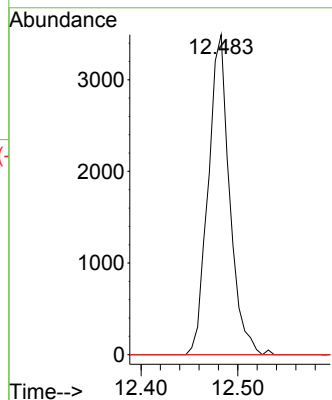
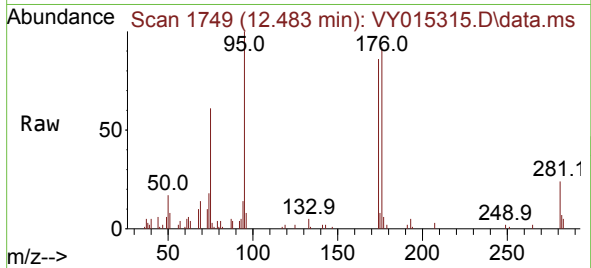




#81
trans-1,4-Dichloro-2-butene
Concen: 101.663 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 5373
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.990 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Tgt Ion: 128 Resp: 883
Ion Ratio Lower Upper
128 100
127 8.3 10.8 16.2#
129 0.0 8.6 13.0#

