

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015615.D
 Acq On : 18 Sep 2023 15:25
 Operator : SY/MD
 Sample : 04435-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 17:33:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

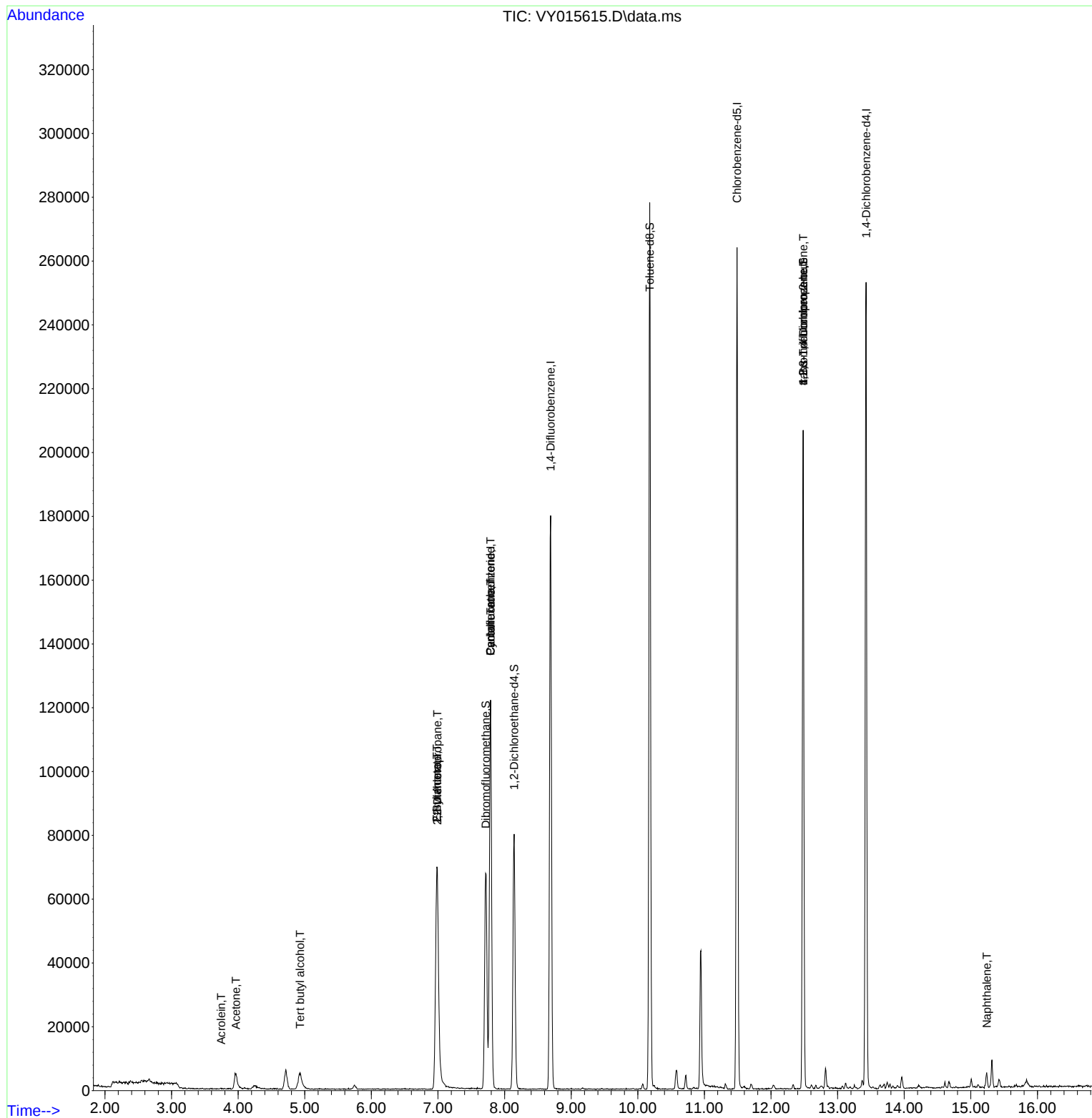
Internal Standards						
1) Pentafluorobenzene	7.789	168	94945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	156291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	142602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61893	60.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.620%	
35) Dibromofluoromethane	7.715	113	49443	54.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.840%	
50) Toluene-d8	10.178	98	179525	55.070	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.140%	
62) 4-Bromofluorobenzene	12.483	95	61968	51.204	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	6371	11.930	ug/l #	89
13) Acrolein	3.747	56	105	12.000	ug/l	89
16) Acetone	3.966	43	10192	23.991	ug/l	97
20) Methylene Chloride	4.722	84	4432	Below Cal	#	82
25) 2-Butanone	6.984	43	4222	7.007	ug/l #	87
26) 2,2-Dichloropropane	6.990	77	5588	3.463	ug/l #	54
31) Cyclohexane	7.789	56	2122	1.174	ug/l #	1
37) Ethyl Acetate	6.984	43	4222	3.463	ug/l #	1
38) Carbon Tetrachloride	7.789	117	9367	5.738	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	32523	37.521	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32523	82.767	ug/l #	11
95) Naphthalene	15.238	128	3716	1.140	ug/l #	95

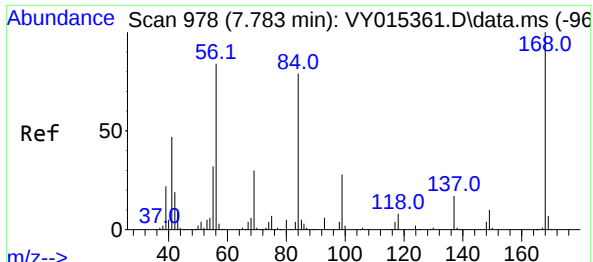
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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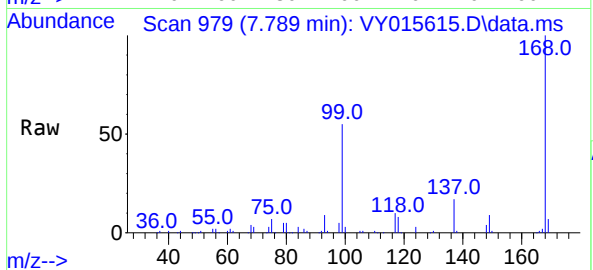
Quant Time: Sep 18 17:33:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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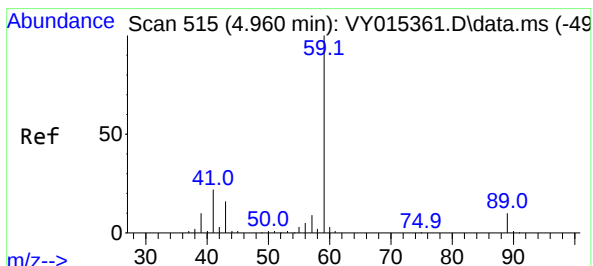
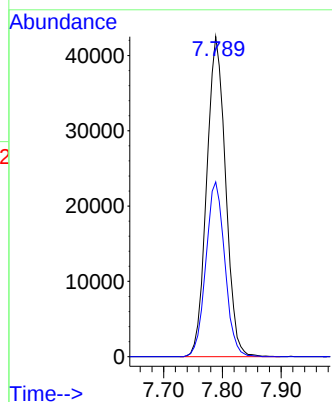
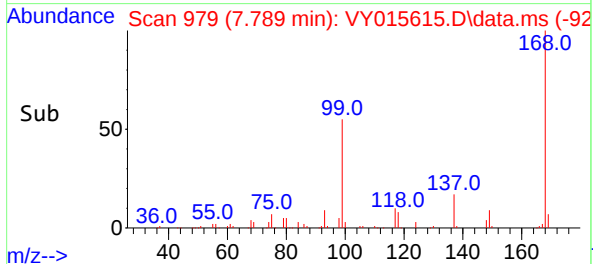


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

Instrument :
MSVOA_Y
ClientSampleId :

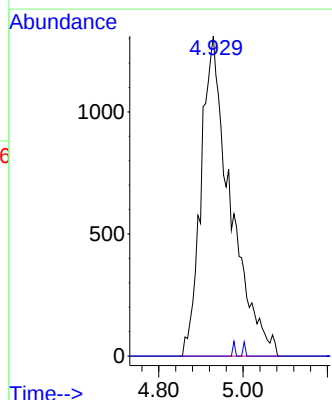
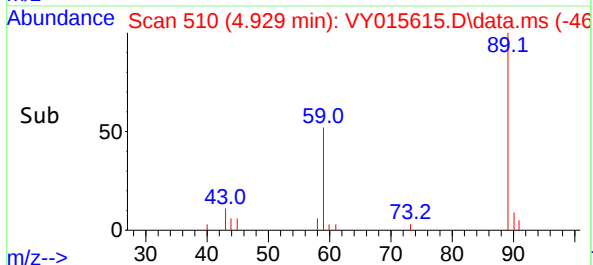
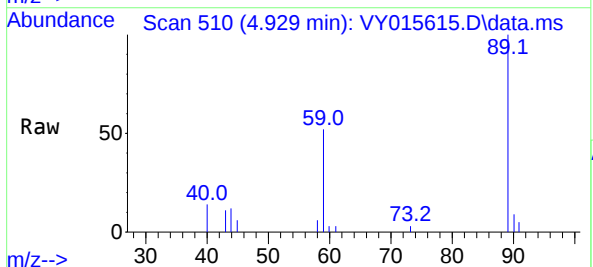


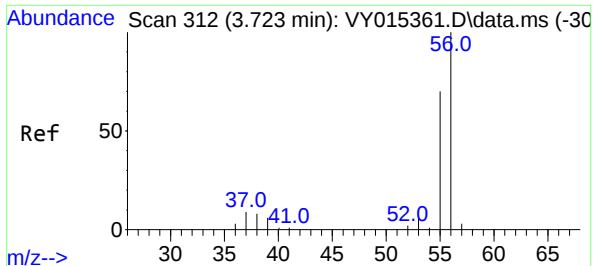
Tgt Ion:168 Resp: 94945
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 11.930 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.025 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

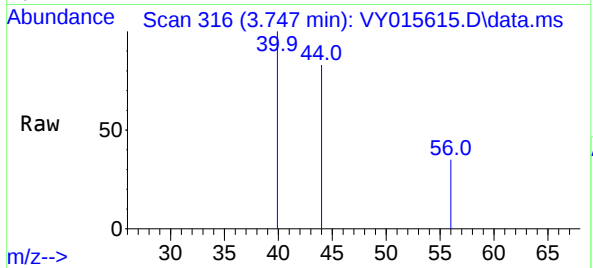
Tgt Ion: 59 Resp: 6371
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



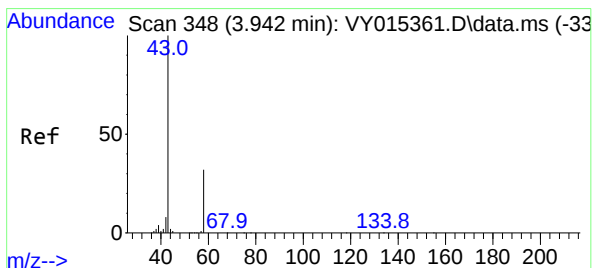
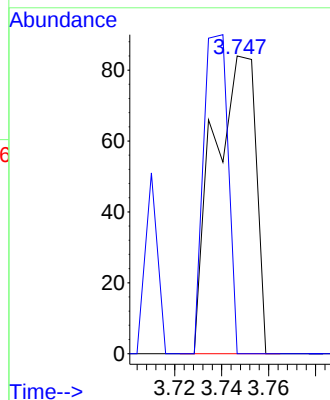
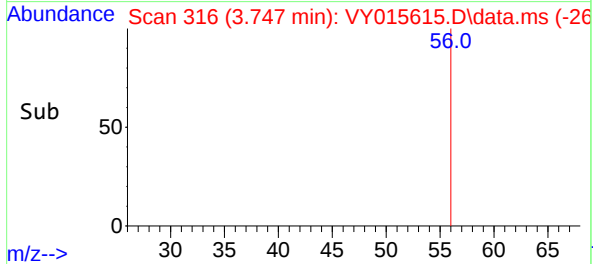


#13
Acrolein
Concen: 12.000 ug/l
RT: 3.747 min Scan# 312
Delta R.T. 0.024 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

Instrument :
MSVOA_Y
ClientSampleId :

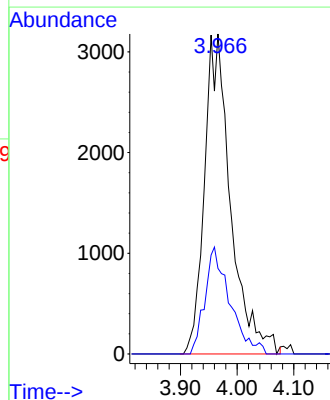
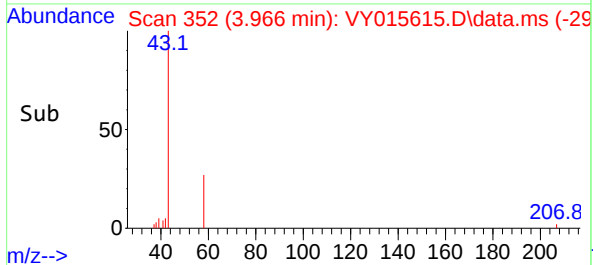
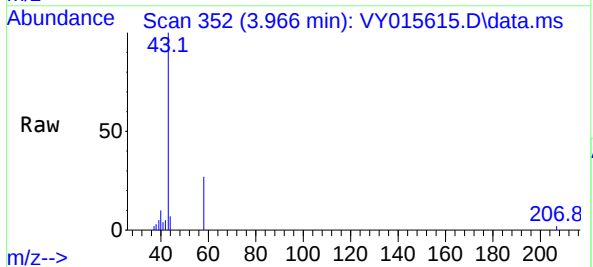


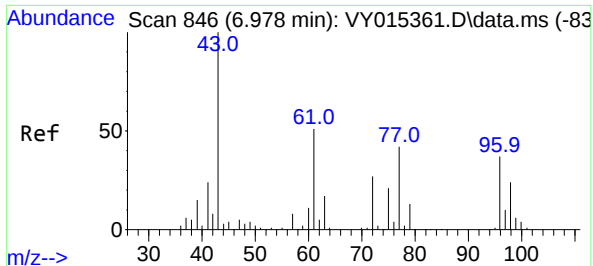
Tgt Ion: 56 Resp: 105
Ion Ratio Lower Upper
56 100
55 61.9 57.0 85.4



#16
Acetone
Concen: 23.991 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

Tgt Ion: 43 Resp: 10192
Ion Ratio Lower Upper
43 100
58 26.7 22.7 34.1





#25

2-Butanone

Concen: 7.007 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015615.D

Acq: 18 Sep 2023 15:25

Instrument :

MSVOA_Y

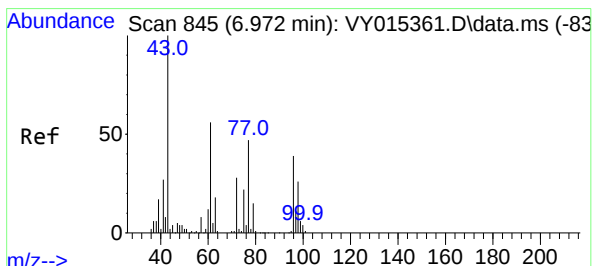
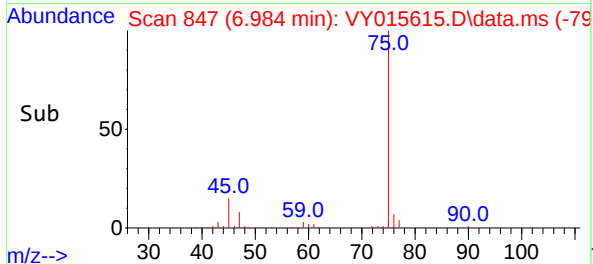
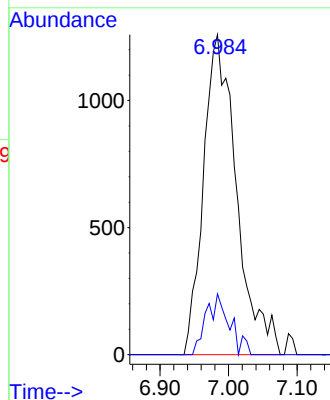
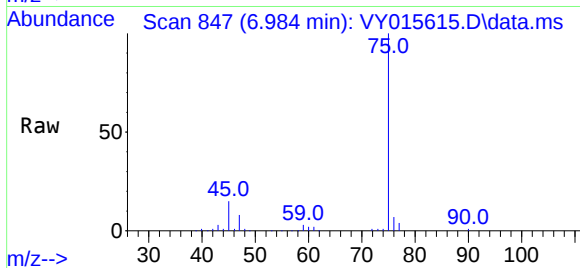
ClientSampleId :

Tgt Ion: 43 Resp: 4222

Ion Ratio Lower Upper

43 100

72 19.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 3.463 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY015615.D

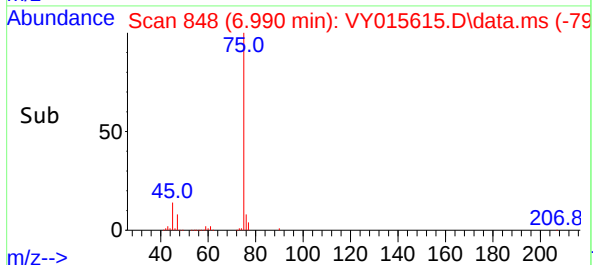
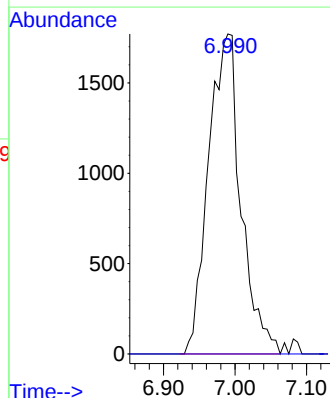
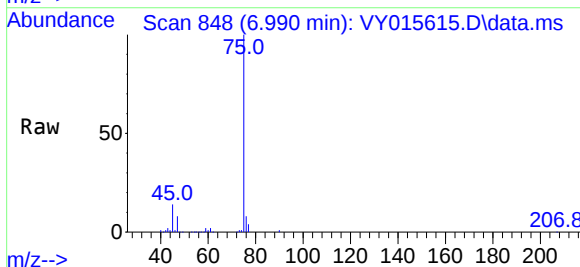
Acq: 18 Sep 2023 15:25

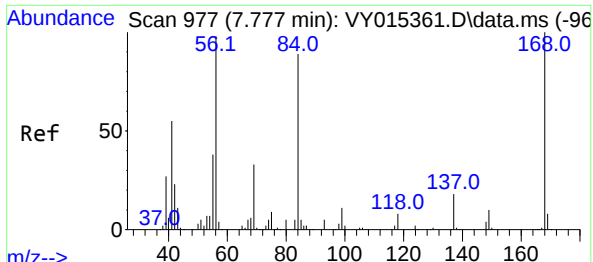
Tgt Ion: 77 Resp: 5588

Ion Ratio Lower Upper

77 100

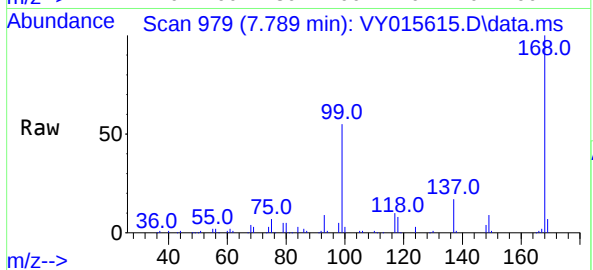
97 0.0 10.9 32.9#



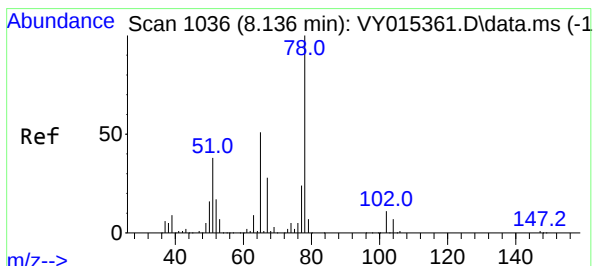
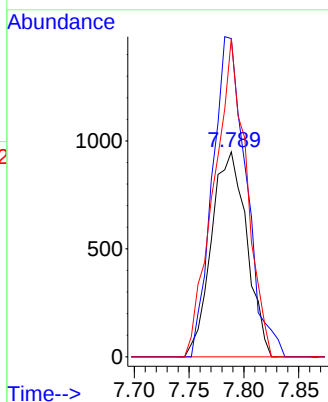
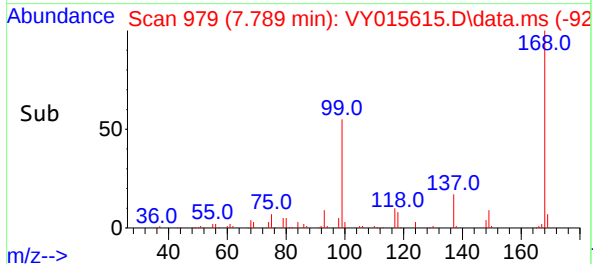


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

Instrument :
MSVOA_Y
ClientSampleId :

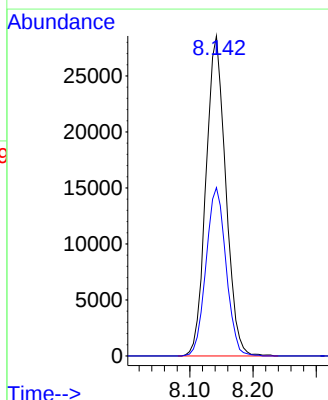
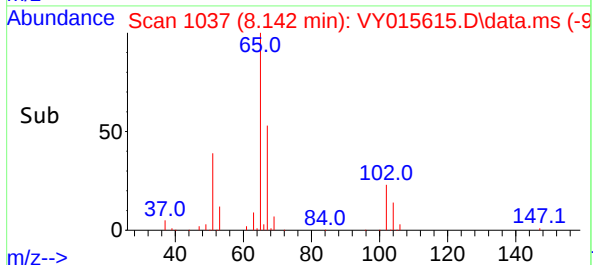
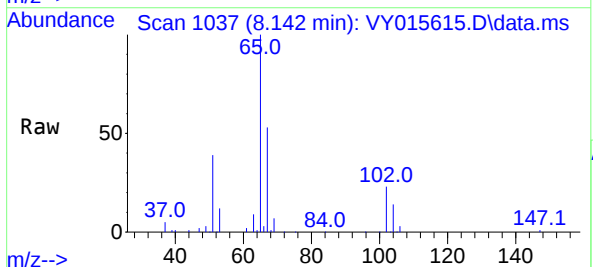


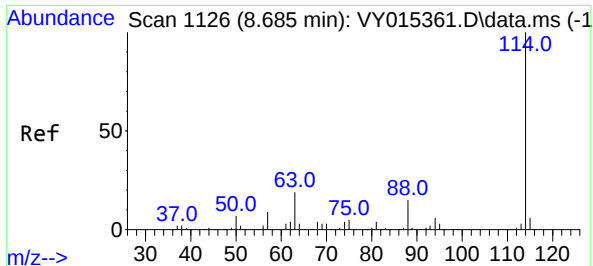
Tgt Ion: 56 Resp: 2122
Ion Ratio Lower Upper
56 100
69 155.3 27.8 41.6#
84 155.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.811 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

Tgt Ion: 65 Resp: 61893
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.8

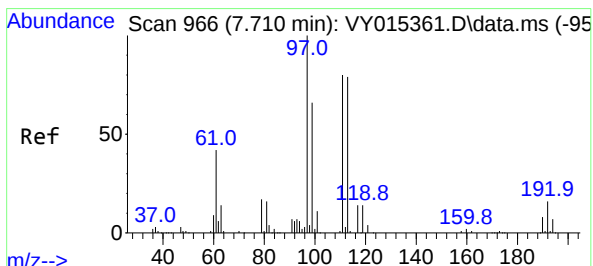
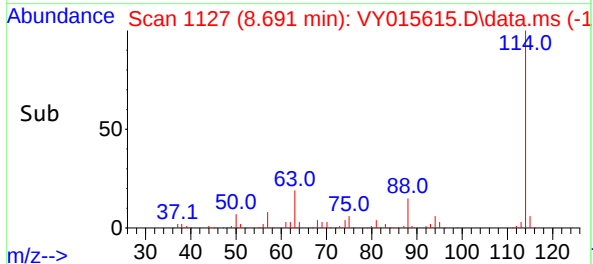
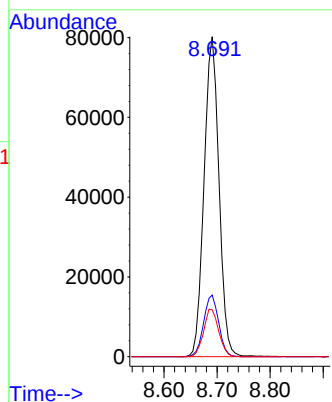
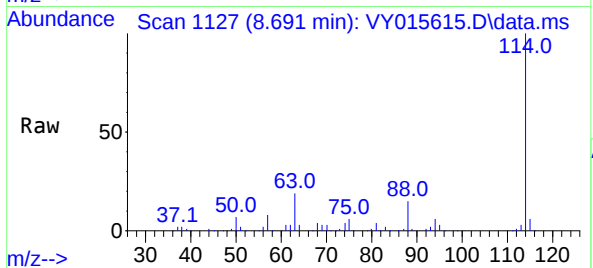




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

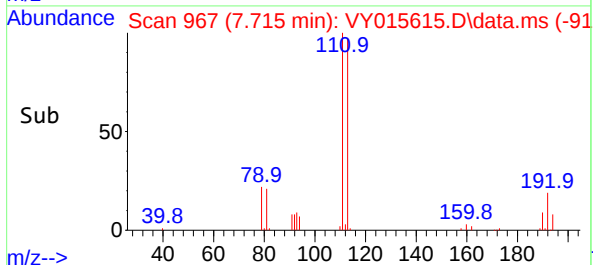
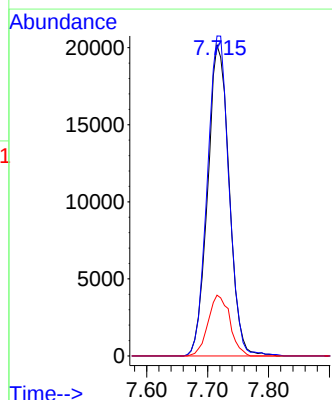
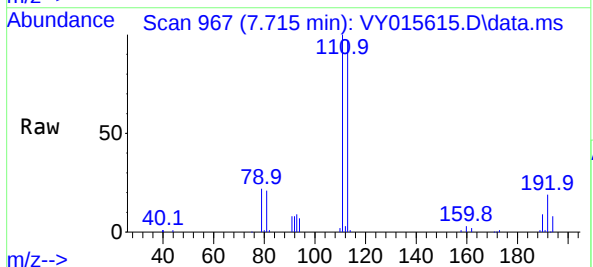
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MSVOA_Y
ClientSampleId :

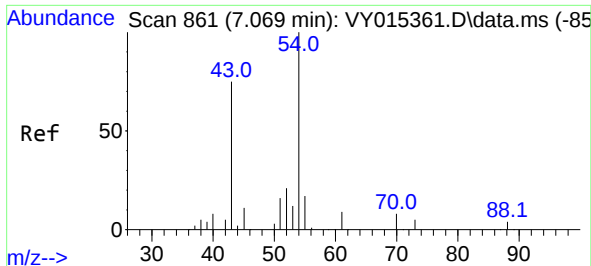
Tgt Ion:114 Resp: 156291
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.924 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

Tgt Ion:113 Resp: 49443
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.9 16.9 25.3





#37

Ethyl Acetate

Concen: 3.463 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.080 min

Lab File: VY015615.D

Acq: 18 Sep 2023 15:25

Instrument :

MSVOA_Y

ClientSampleId :

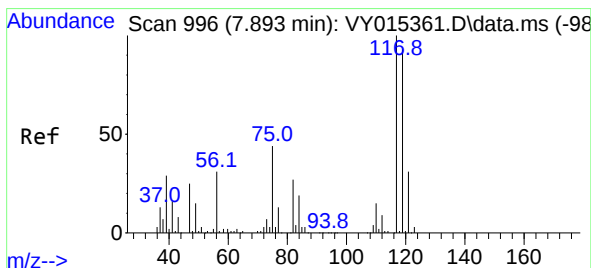
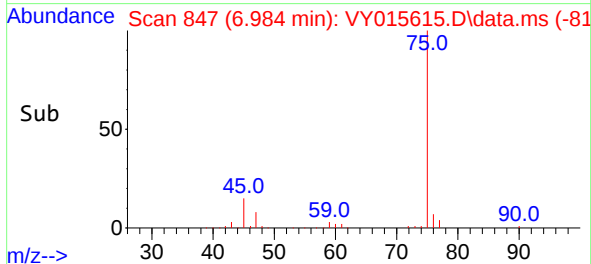
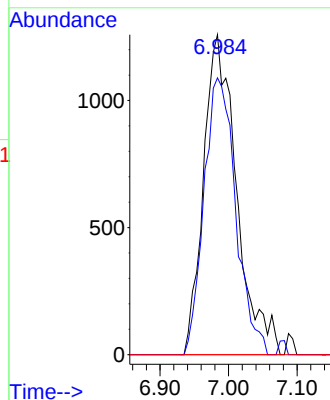
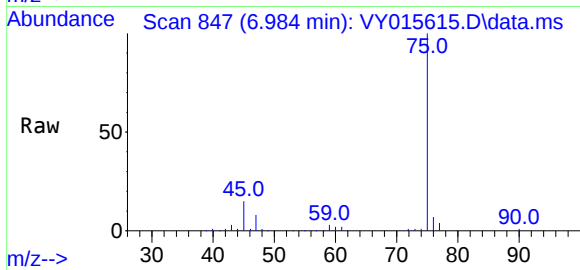
Tgt Ion: 43 Resp: 4222

Ion Ratio Lower Upper

43 100

61 83.0 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.738 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY015615.D

Acq: 18 Sep 2023 15:25

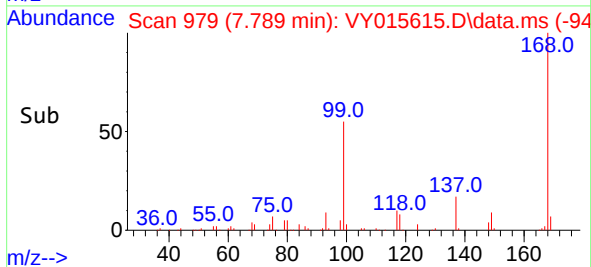
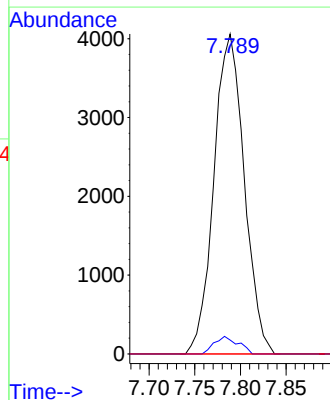
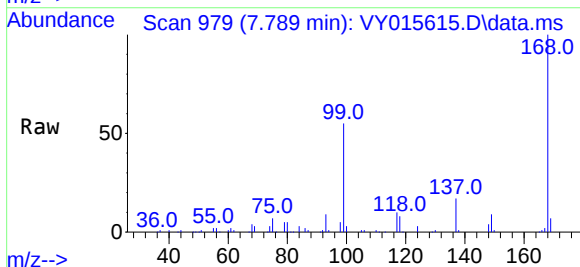
Tgt Ion:117 Resp: 9367

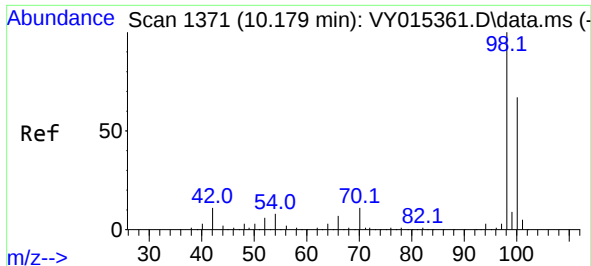
Ion Ratio Lower Upper

117 100

119 4.4 76.4 114.6#

121 0.0 25.8 38.6#

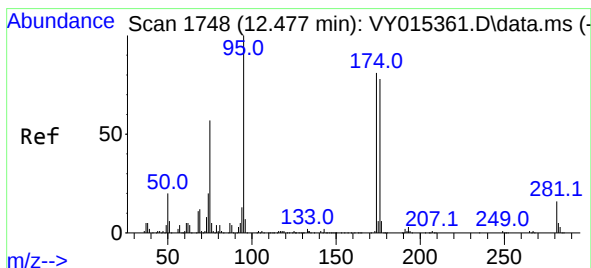
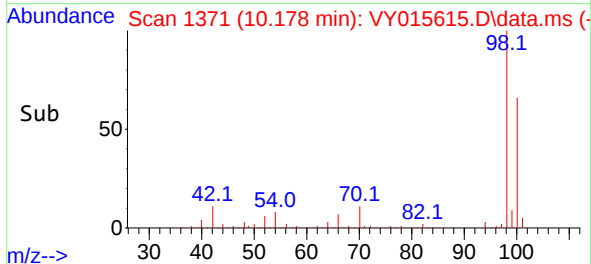
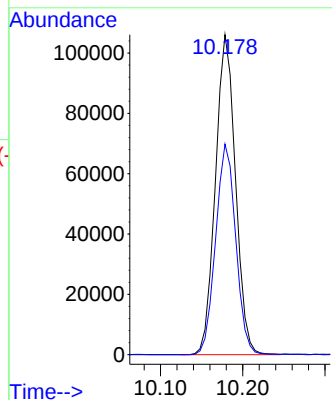
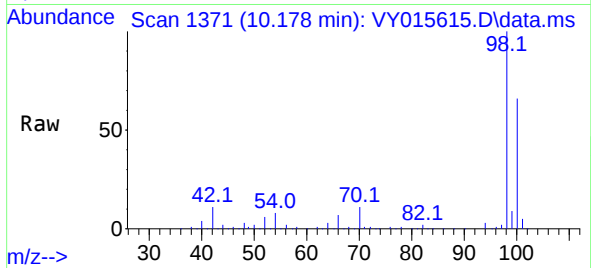




#50
Toluene-d8
Concen: 55.070 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

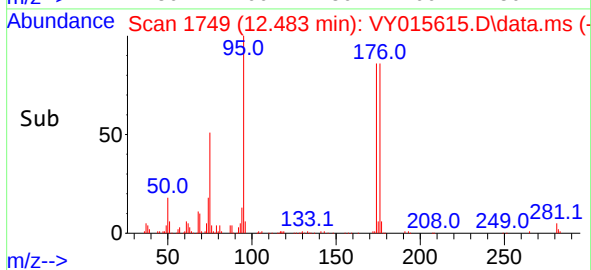
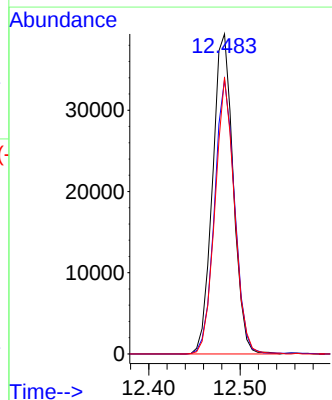
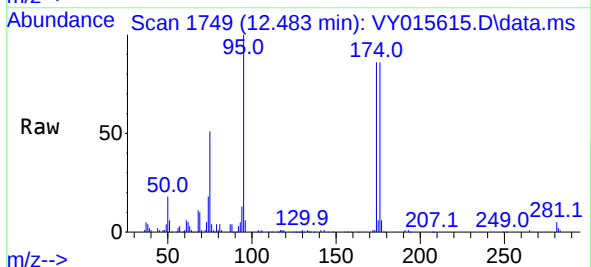
Instrument :
MSVOA_Y
ClientSampleId :

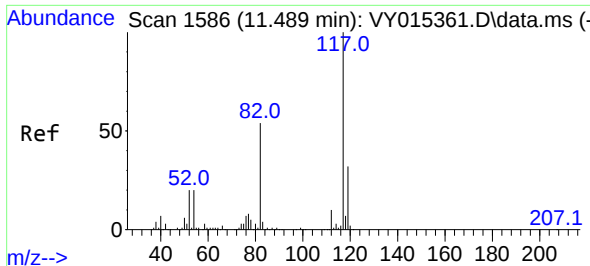
Tgt Ion: 98 Resp: 179525
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.204 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

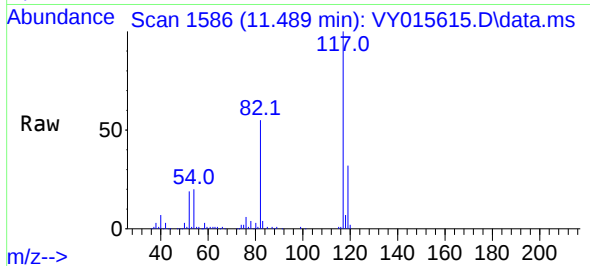
Tgt Ion: 95 Resp: 61968
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 81.2 0.0 173.8



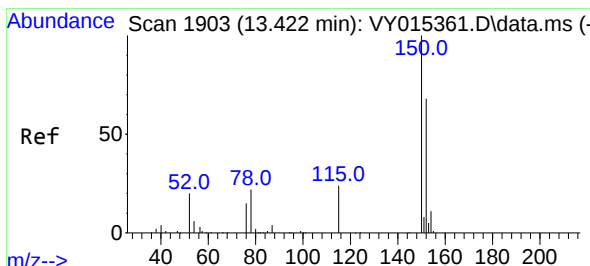
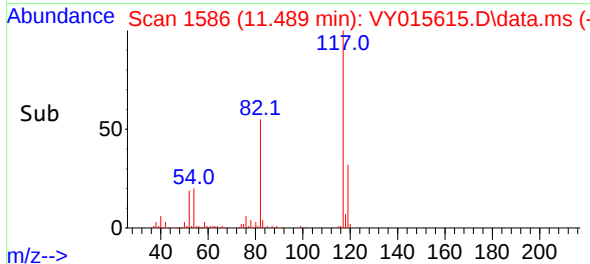
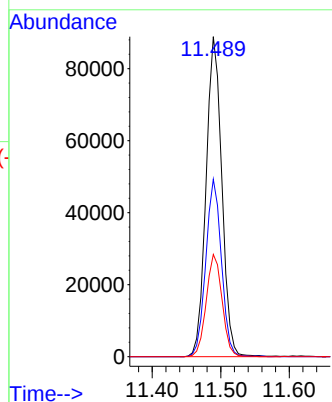


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

Instrument :
MSVOA_Y
ClientSampleId :

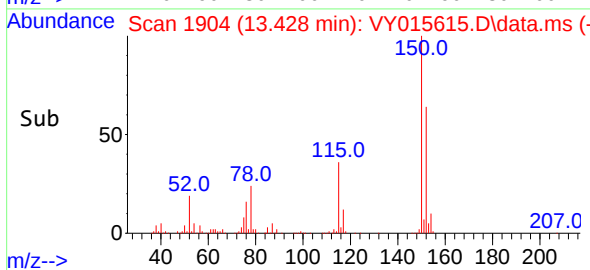
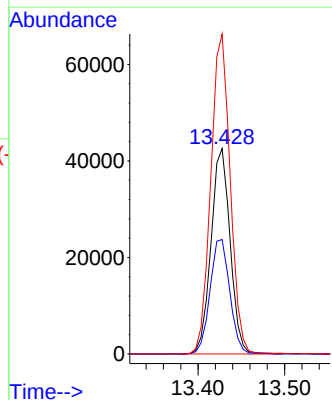
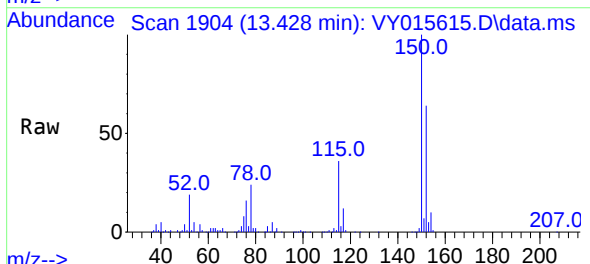


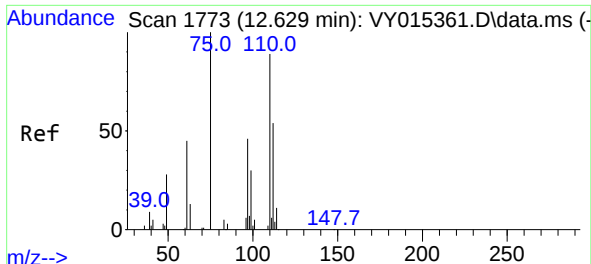
Tgt Ion:117 Resp: 142602
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

Tgt Ion:152 Resp: 65364
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 157.9 0.0 348.8

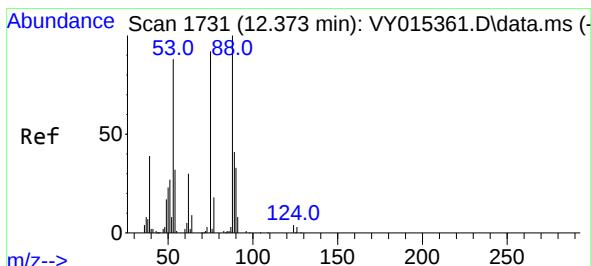
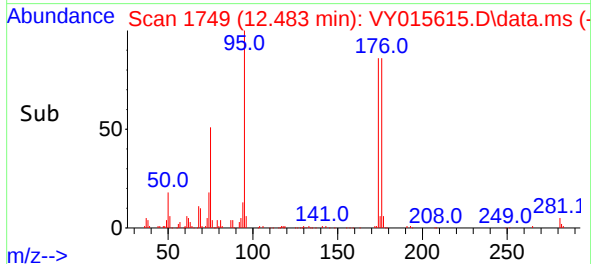
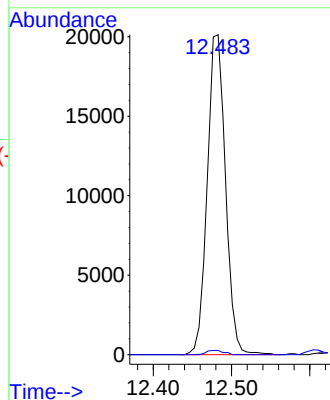
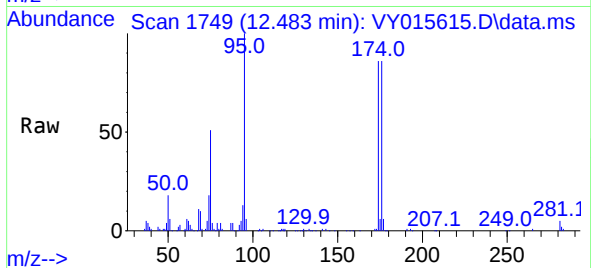




#76
1,2,3-Trichloropropane
Concen: 37.521 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

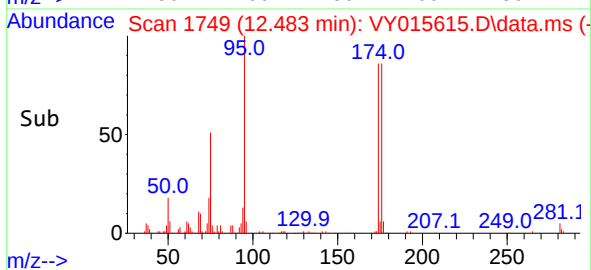
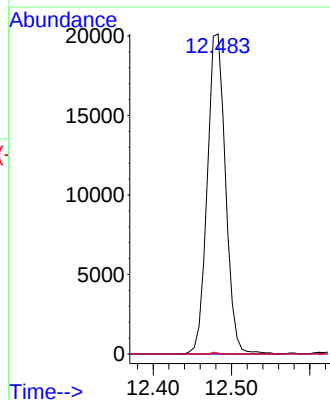
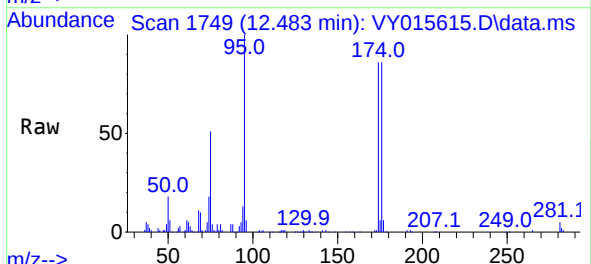
Instrument :
MSVOA_Y
ClientSampleId :

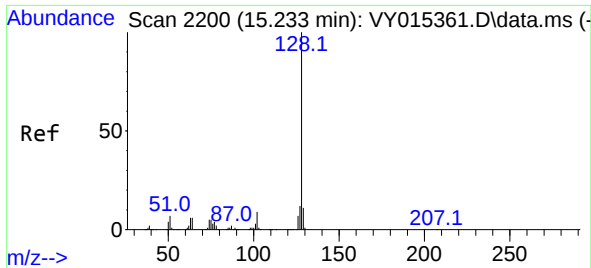
Tgt Ion: 75 Resp: 32523
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

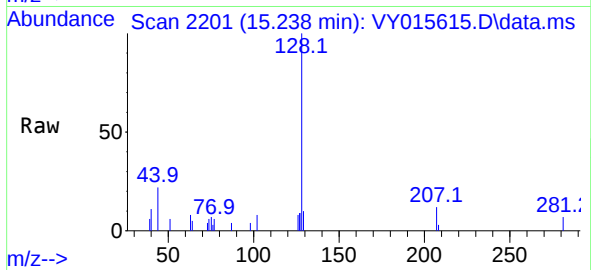
Tgt Ion: 75 Resp: 32523
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#





#95
Naphthalene
Concen: 1.140 ug/l
RT: 15.238 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015615.D
Acq: 18 Sep 2023 15:25

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	3716
Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.8	16.2
129	13.0	8.6	13.0

