

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020179.D
 Acq On : 06 Nov 2024 14:19
 Operator : SY/MD
 Sample : P4709-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 00:26:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

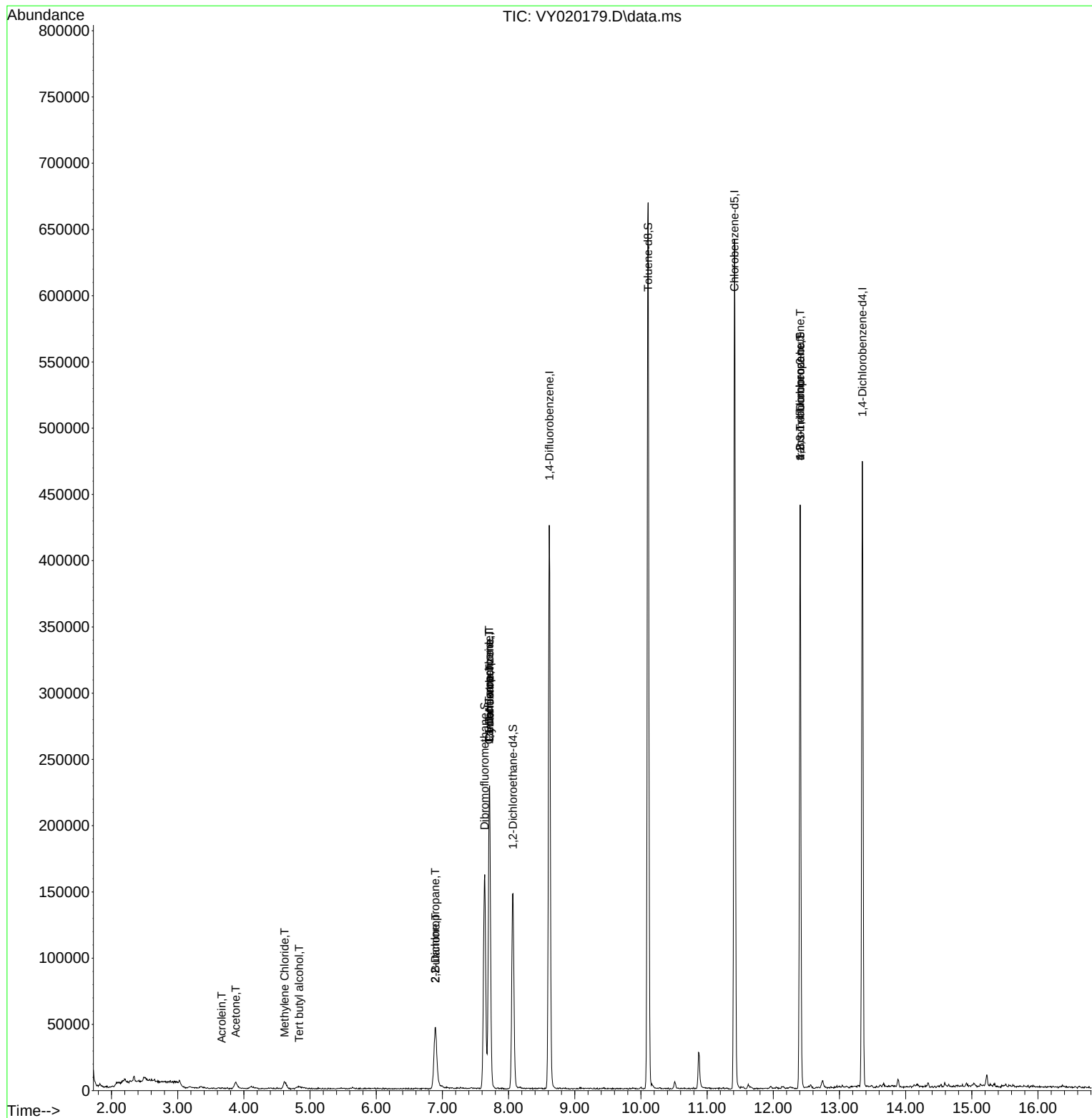
Internal Standards						
1) Pentafluorobenzene	7.713	168	160074	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	334365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	304881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	102840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	117135	58.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.260%	
35) Dibromofluoromethane	7.640	113	113220	53.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.520%	
50) Toluene-d8	10.109	98	415419	49.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.180%	
62) 4-Bromofluorobenzene	12.407	95	122292	44.493	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	484	3.368	ug/l #	80
13) Acrolein	3.665	56	287	1.604	ug/l #	82
16) Acetone	3.878	43	8581	18.469	ug/l	92
20) Methylene Chloride	4.616	84	3507	1.680	ug/l #	89
25) 2-Butanone	6.896	43	5220	8.288	ug/l #	87
26) 2,2-Dichloropropane	6.890	77	3780	1.213	ug/l #	51
31) Cyclohexane	7.713	56	5050	1.393	ug/l #	40
36) 1,1-Dichloropropene	7.707	75	16128	4.911	ug/l #	50
38) Carbon Tetrachloride	7.707	117	17786	5.386	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	72659	75.371	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	72659	162.121	ug/l #	16

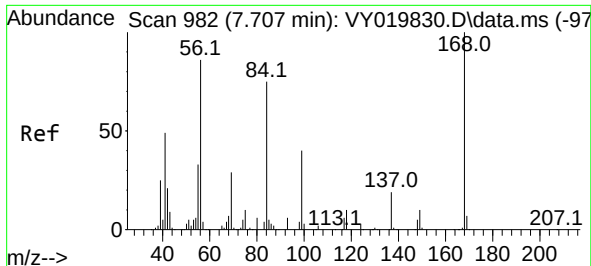
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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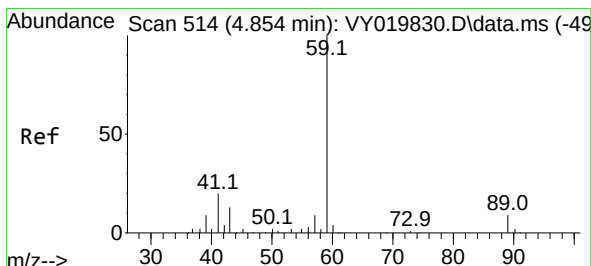
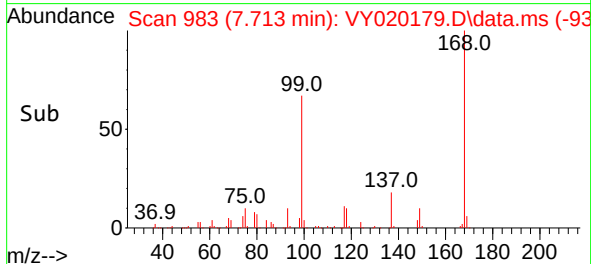
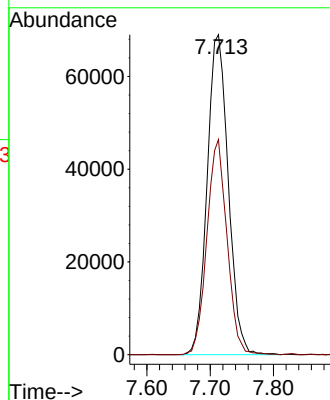
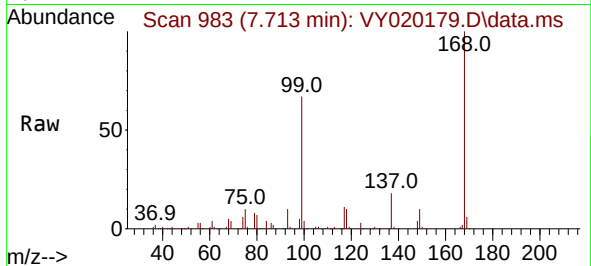




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

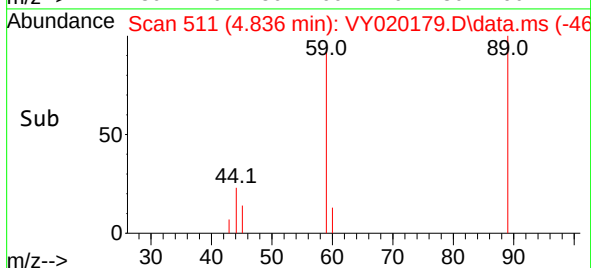
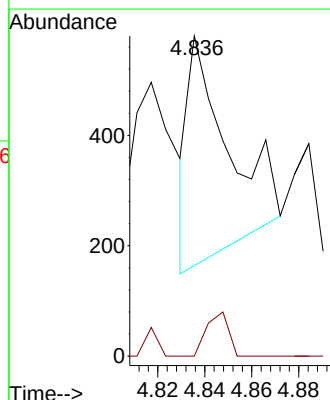
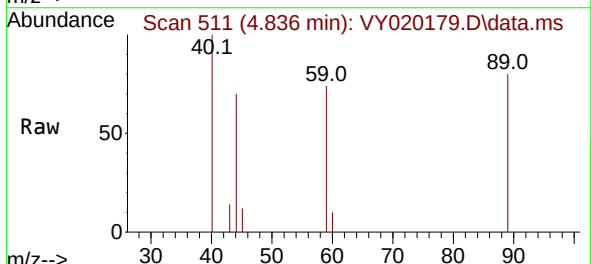
Instrument :
MSVOA_Y
ClientSampleId :

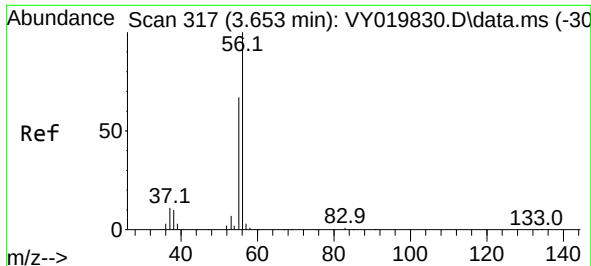
Tgt Ion:168 Resp: 160074
Ion Ratio Lower Upper
168 100
99 67.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.368 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

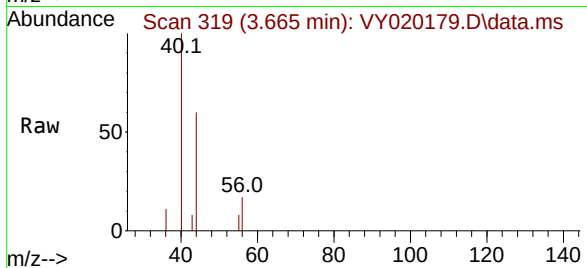
Tgt Ion: 59 Resp: 484
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.6#



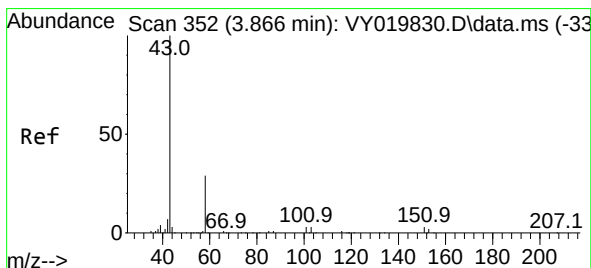
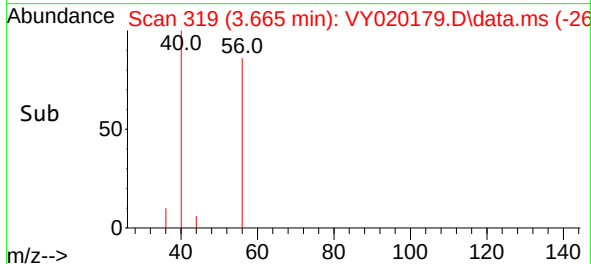
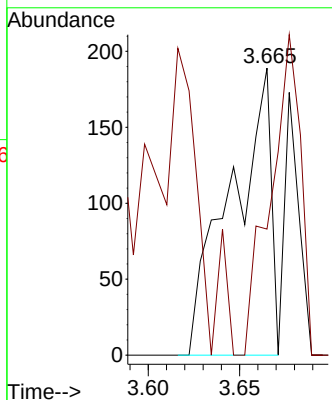


#13
Acrolein
Concen: 1.604 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

Instrument :
MSVOA_Y
ClientSampleId :

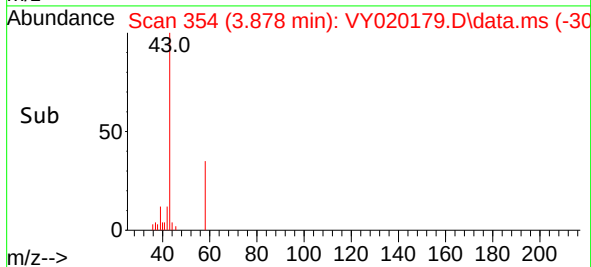
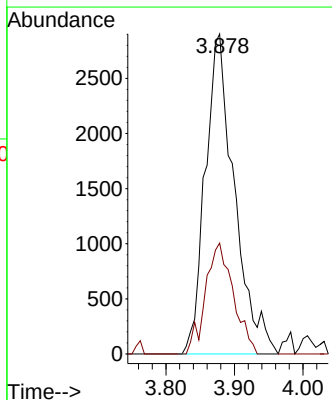
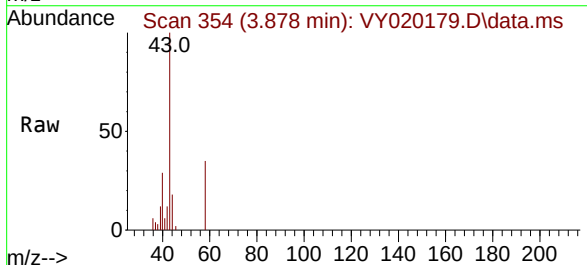


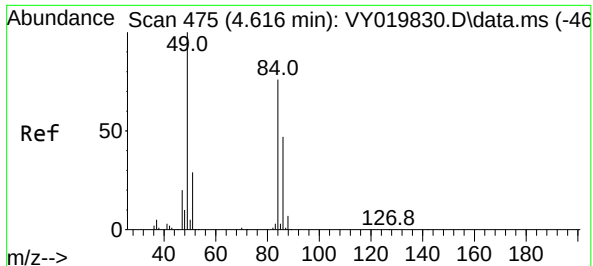
Tgt Ion: 56 Resp: 287
Ion Ratio Lower Upper
56 100
55 84.0 55.7 83.5#



#16
Acetone
Concen: 18.469 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

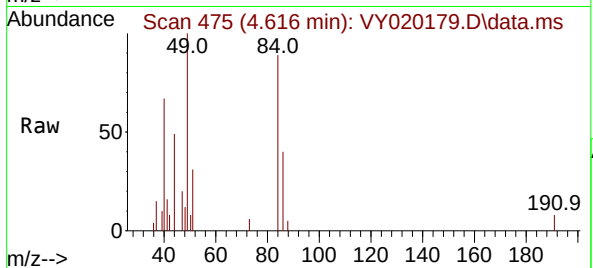
Tgt Ion: 43 Resp: 8581
Ion Ratio Lower Upper
43 100
58 34.7 31.7 47.5



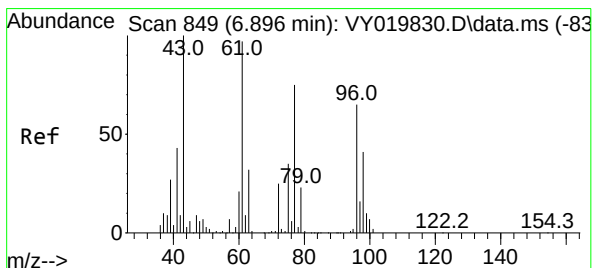
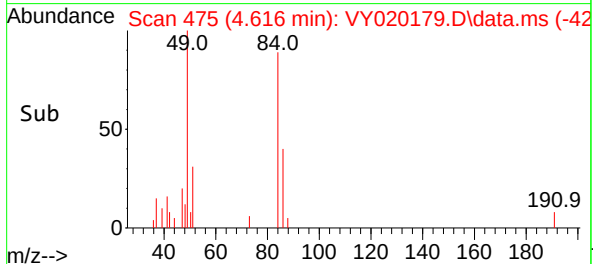
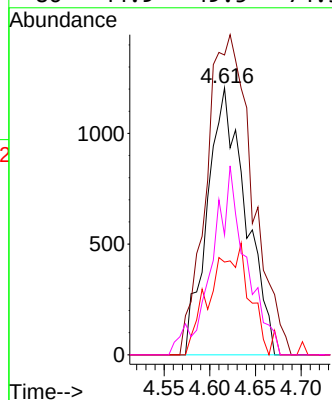


#20
Methylene Chloride
Concen: 1.680 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

Instrument :
MSVOA_Y
ClientSampleId :

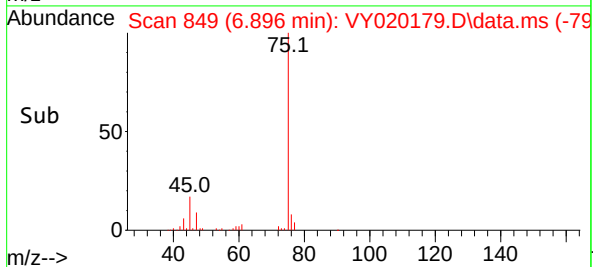
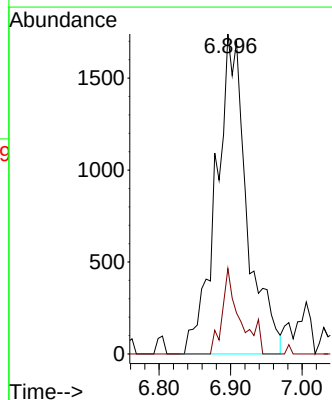
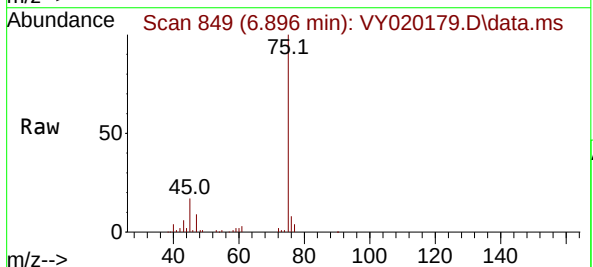


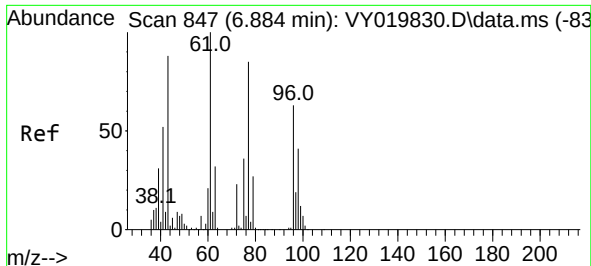
Tgt Ion: 84 Resp: 3507
Ion Ratio Lower Upper
84 100
49 112.4 84.4 126.6
51 34.8 26.0 39.0
86 44.9 49.5 74.3#



#25
2-Butanone
Concen: 8.288 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

Tgt Ion: 43 Resp: 5220
Ion Ratio Lower Upper
43 100
72 26.7 27.3 40.9#





#26

2,2-Dichloropropane

Concen: 1.213 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY020179.D

Acq: 06 Nov 2024 14:19

Instrument :

MSVOA_Y

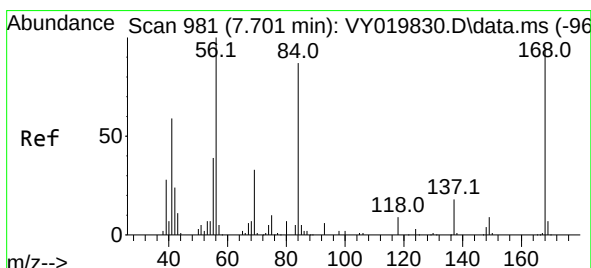
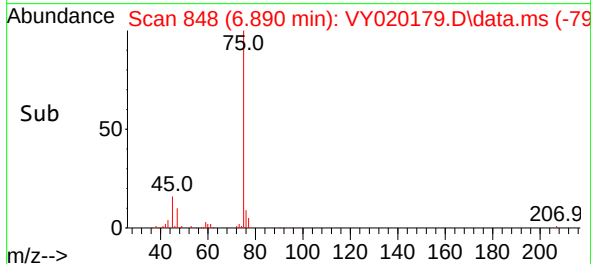
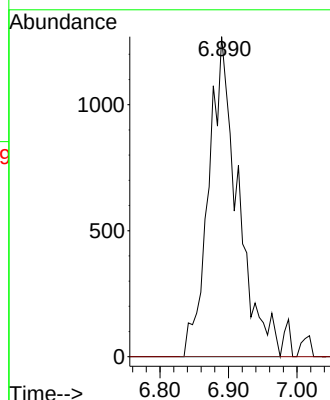
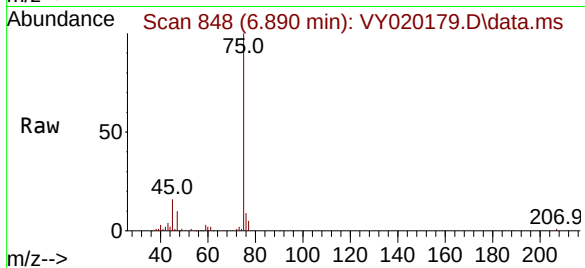
ClientSampleId :

Tgt Ion: 77 Resp: 3780

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#



#31

Cyclohexane

Concen: 1.393 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY020179.D

Acq: 06 Nov 2024 14:19

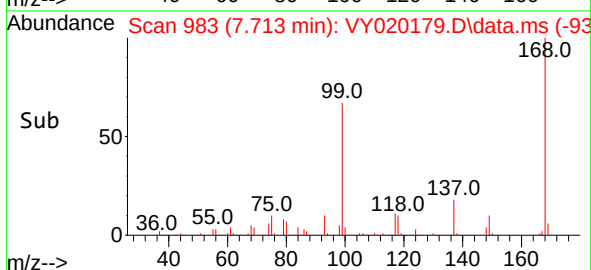
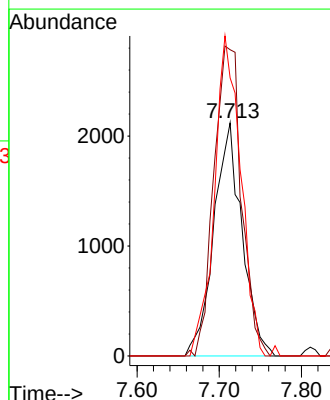
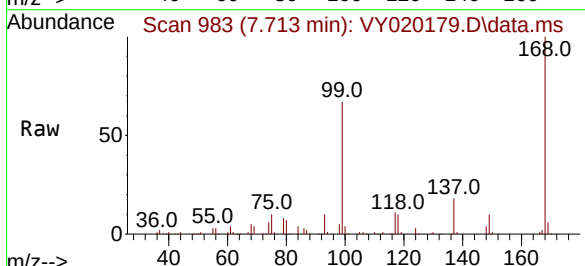
Tgt Ion: 56 Resp: 5050

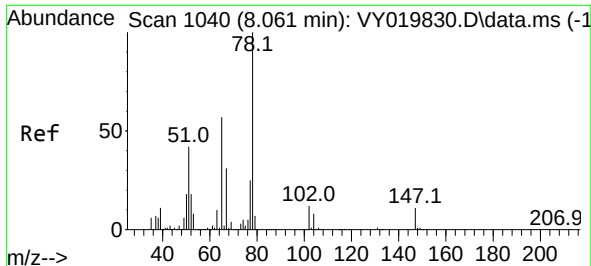
Ion Ratio Lower Upper

56 100

69 131.4 28.7 43.1#

84 119.3 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 58.631 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020179.D

Acq: 06 Nov 2024 14:19

Instrument :

MSVOA_Y

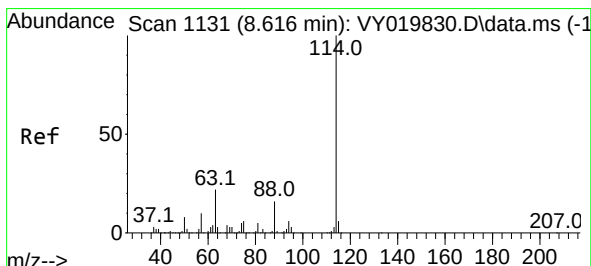
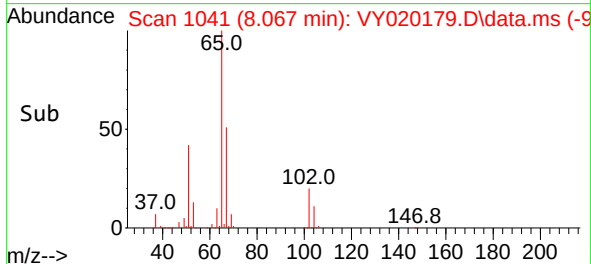
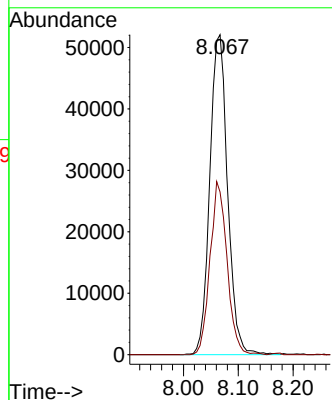
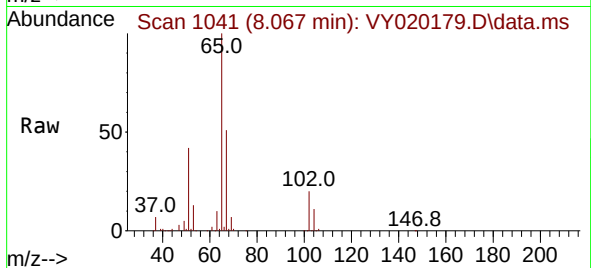
ClientSampleId :

Tgt Ion: 65 Resp: 117135

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020179.D

Acq: 06 Nov 2024 14:19

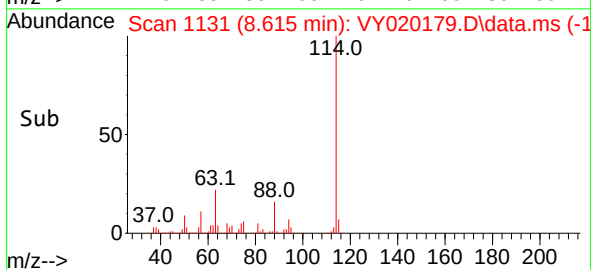
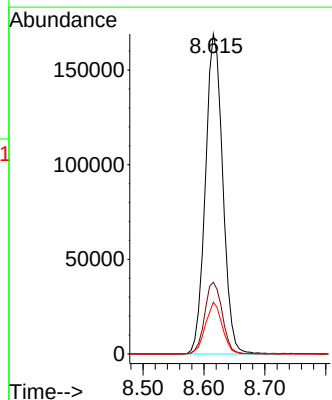
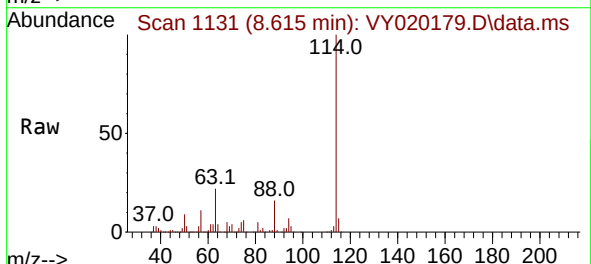
Tgt Ion: 114 Resp: 334365

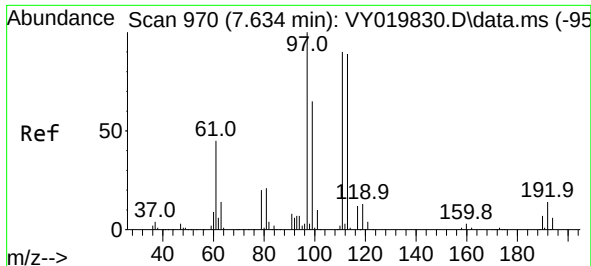
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 16.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.258 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020179.D

Acq: 06 Nov 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

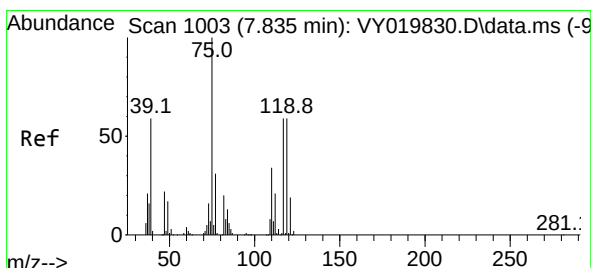
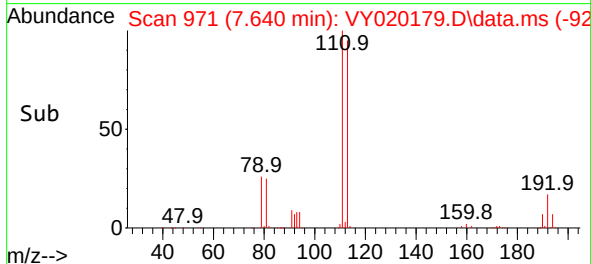
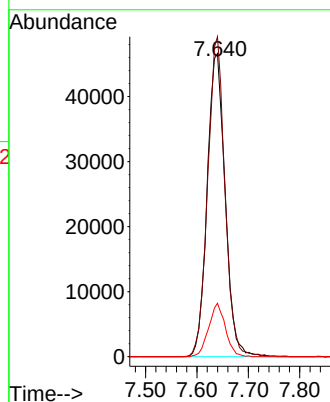
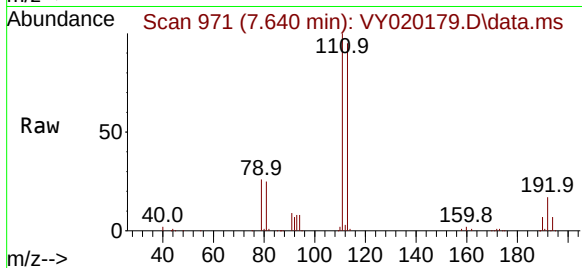
Tgt Ion:113 Resp: 113220

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 16.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.911 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020179.D

Acq: 06 Nov 2024 14:19

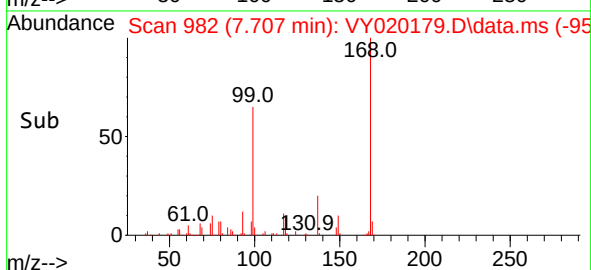
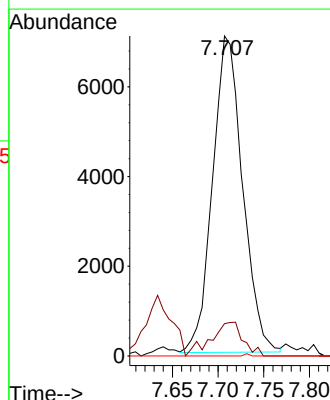
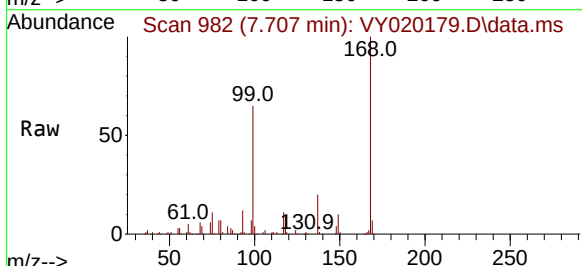
Tgt Ion: 75 Resp: 16128

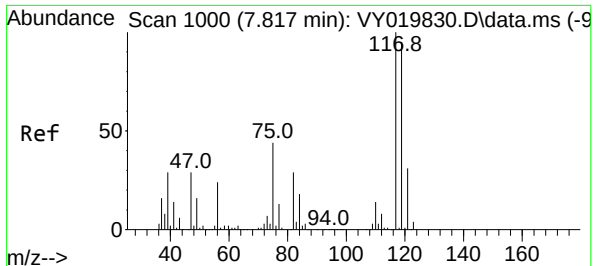
Ion Ratio Lower Upper

75 100

110 11.0 19.0 57.0#

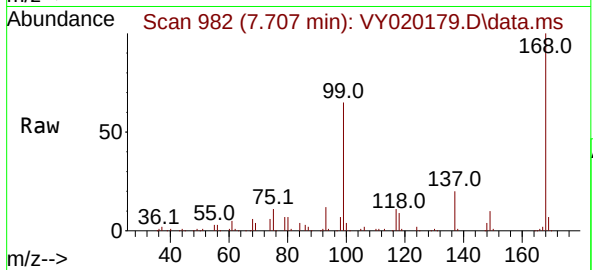
77 0.0 25.3 37.9#



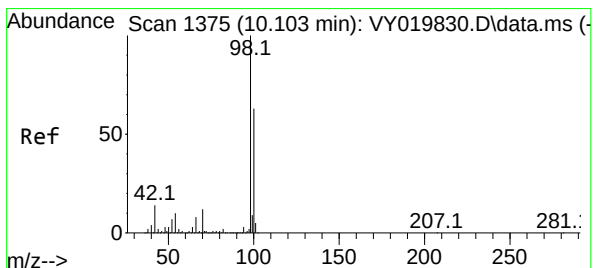
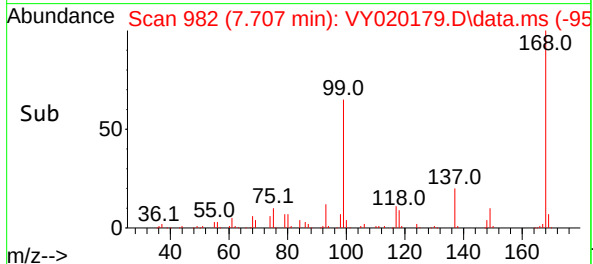
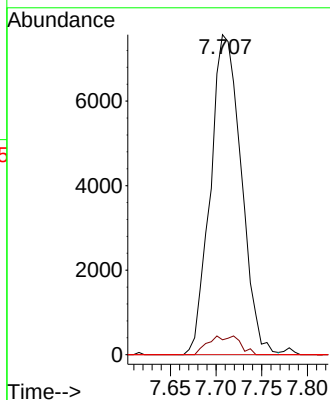


#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

Instrument :
MSVOA_Y
ClientSampleId :

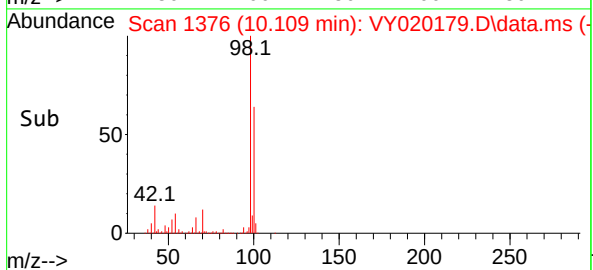
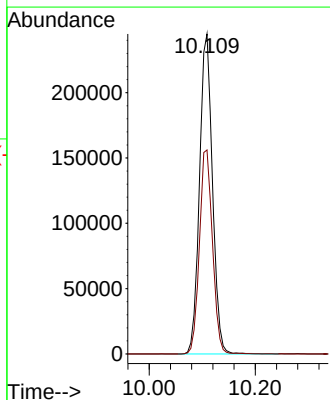
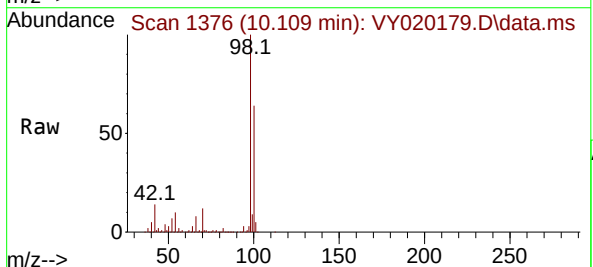


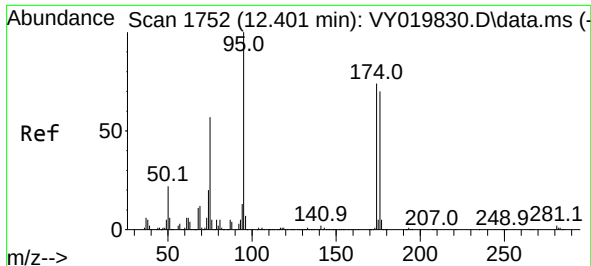
Tgt Ion:117 Resp: 17786
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.092 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

Tgt Ion: 98 Resp: 415419
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

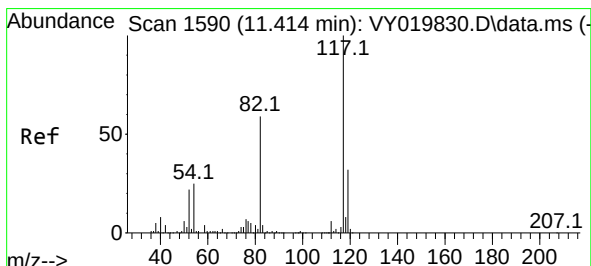
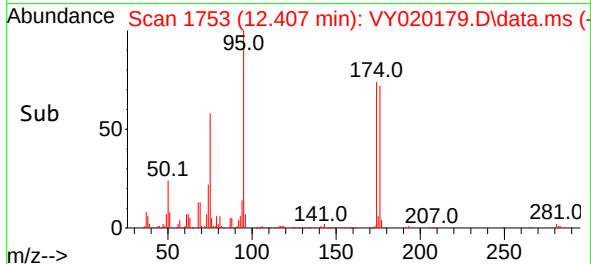
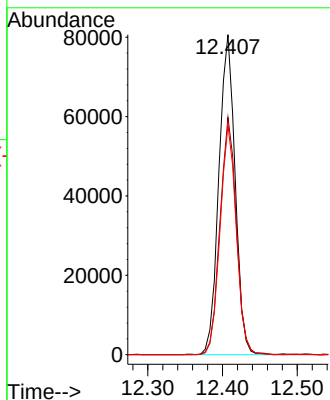
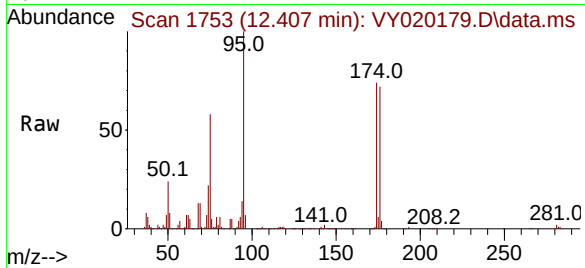




#62
4-Bromofluorobenzene
Concen: 44.493 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

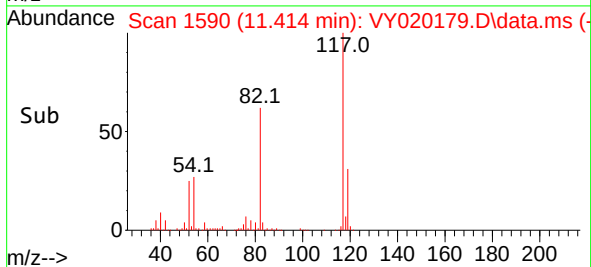
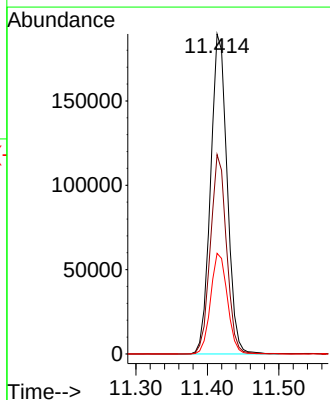
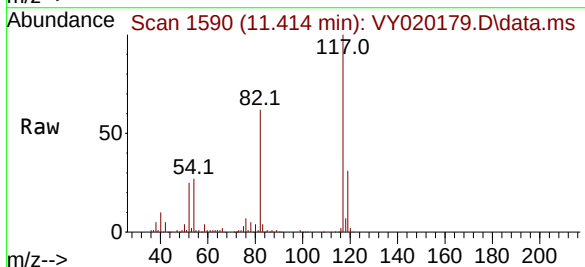
Instrument :
MSVOA_Y
ClientSampleId :

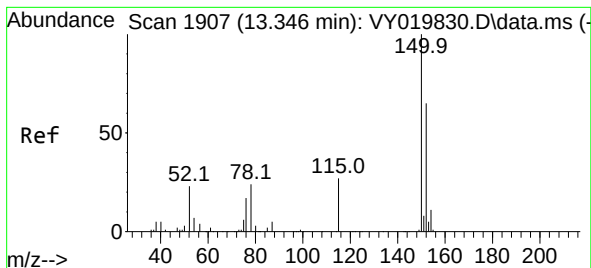
Tgt Ion: 95 Resp: 122292
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 71.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

Tgt Ion: 117 Resp: 304881
Ion Ratio Lower Upper
117 100
82 62.3 42.4 63.6
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020179.D

Acq: 06 Nov 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

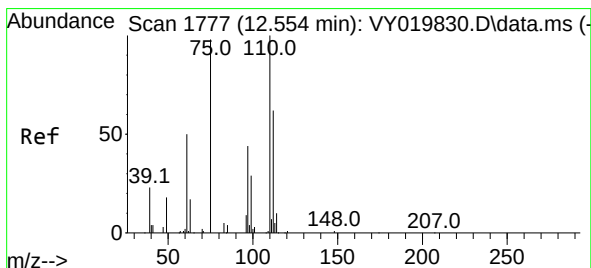
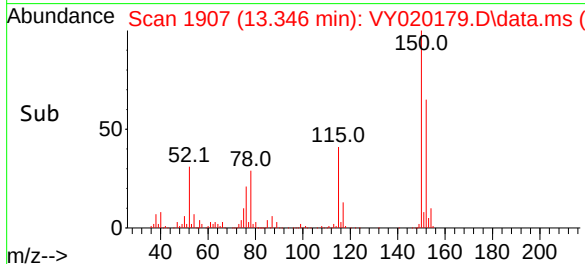
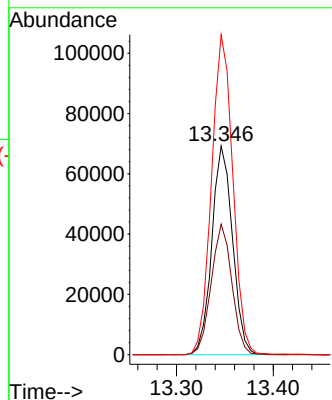
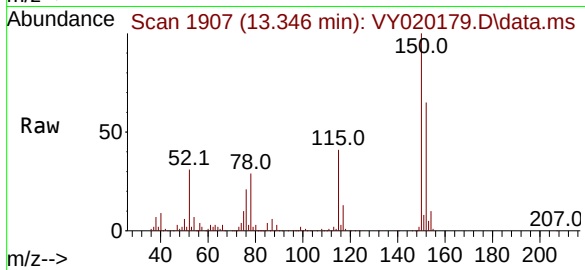
Tgt Ion:152 Resp: 102840

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 158.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 75.371 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020179.D

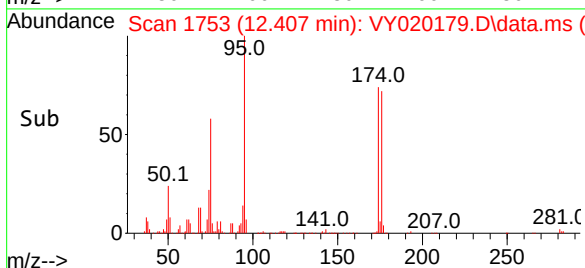
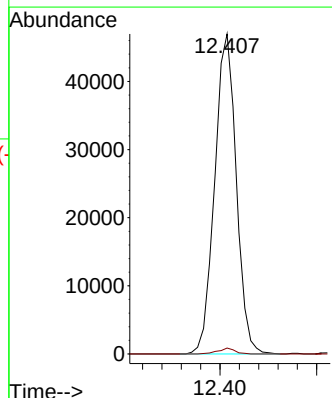
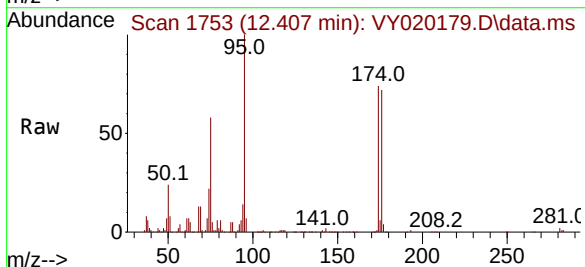
Acq: 06 Nov 2024 14:19

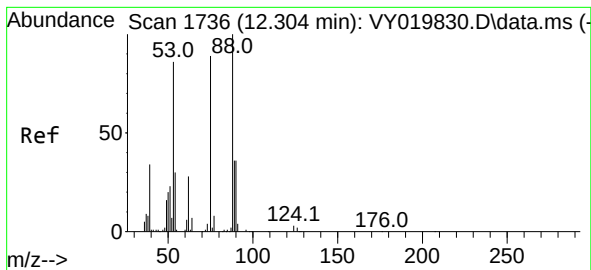
Tgt Ion: 75 Resp: 72659

Ion Ratio Lower Upper

75 100

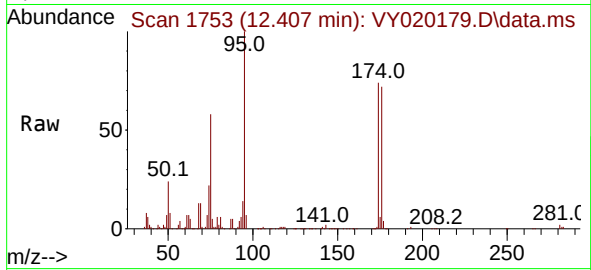
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.121 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020179.D
 Acq: 06 Nov 2024 14:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.1	35.8	53.6#

