

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011375.D
 Acq On : 08 Nov 2022 20:13
 Operator : KP/MD
 Sample : N5436-06RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 03:35:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

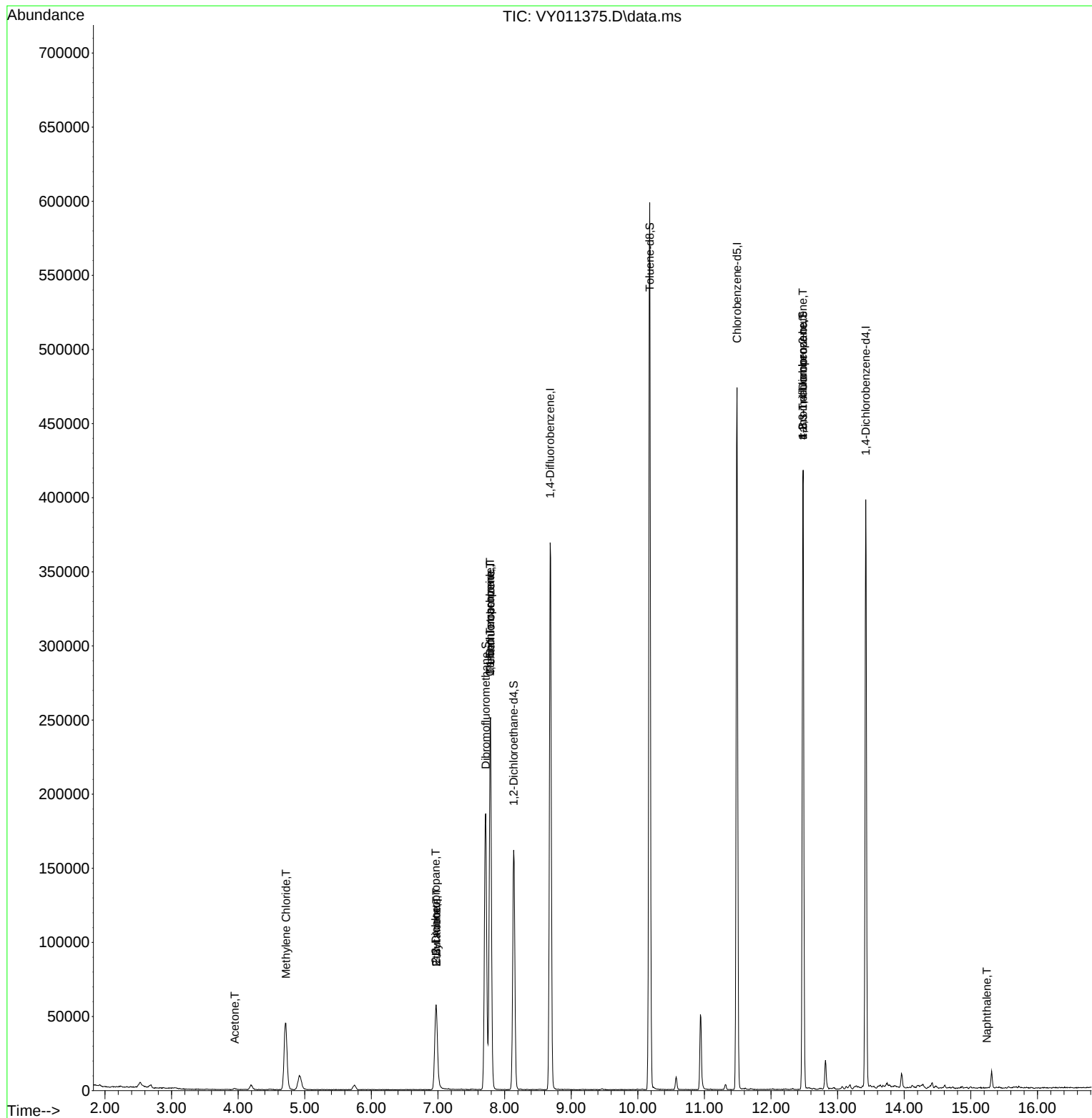
Internal Standards						
1) Pentafluorobenzene	7.789	168	202002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127084	58.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.640%	
35) Dibromofluoromethane	7.716	113	136784	64.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.800%	
50) Toluene-d8	10.179	98	409893	49.704	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.477	95	131276	45.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	121	Below Cal	#	43
11) Tert butyl alcohol	4.917	59	9711	Below Cal	#	81
16) Acetone	3.948	43	1360	2.085	ug/l	93
20) Methylene Chloride	4.716	84	37170	9.904	ug/l #	79
25) 2-Butanone	6.978	43	2761	3.009	ug/l	98
26) 2,2-Dichloropropane	6.966	77	4355	1.102	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	14738	4.249	ug/l #	51
37) Ethyl Acetate	6.978	43	2761	1.477	ug/l #	1
38) Carbon Tetrachloride	7.783	117	19440	5.402	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	62689	47.565	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62689	101.795	ug/l #	7
95) Naphthalene	15.239	128	518	4.068	ug/l #	69

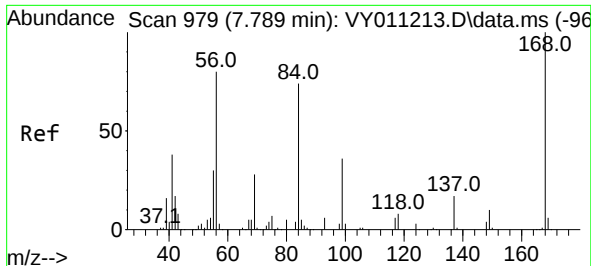
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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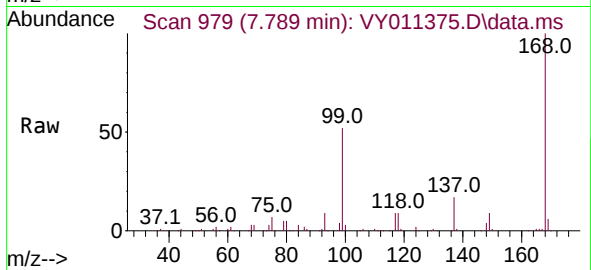
Quant Time: Nov 09 03:35:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 01 11:56:18 2022
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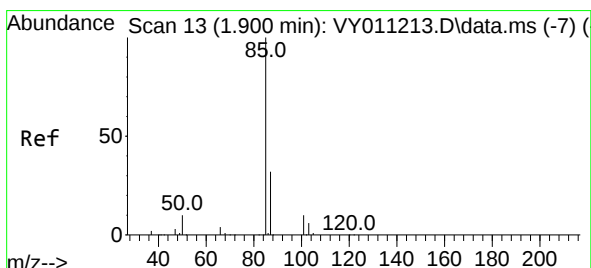
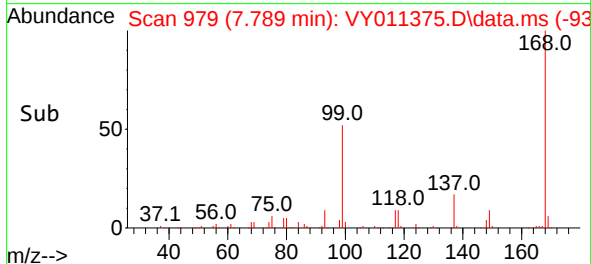
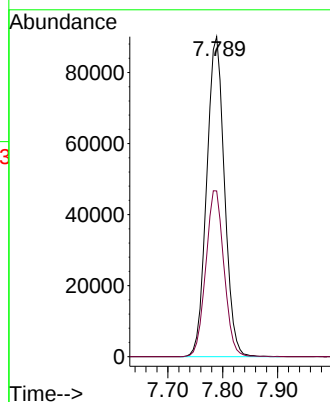


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

Instrument :
MSVOA_Y
ClientSampleId :

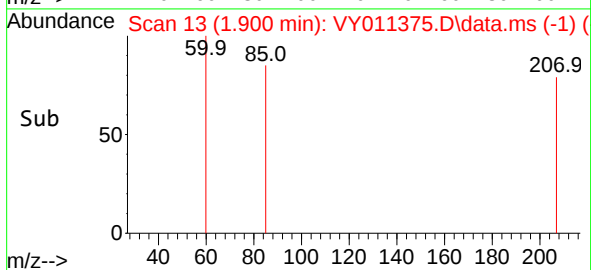
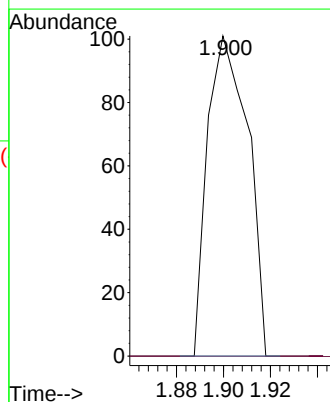
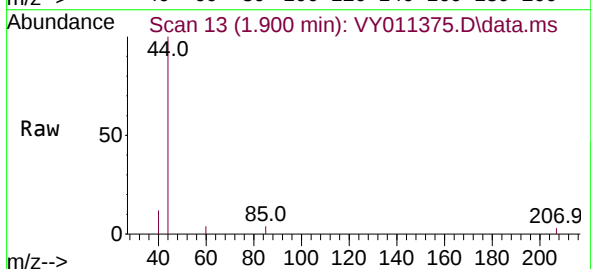


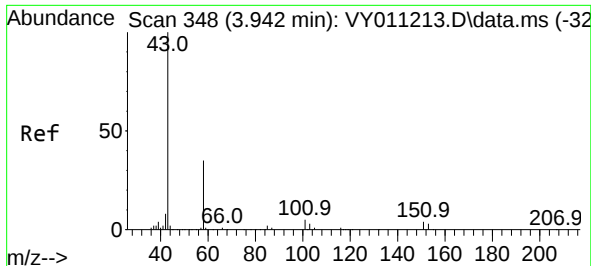
Tgt Ion:168 Resp: 202002
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

Tgt Ion: 85 Resp: 121
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

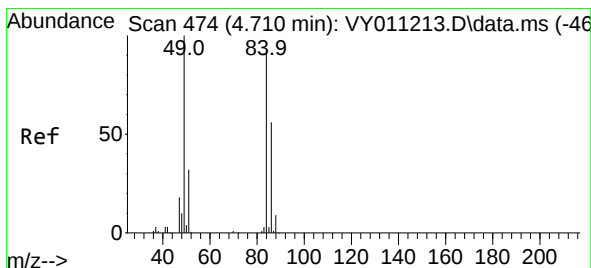
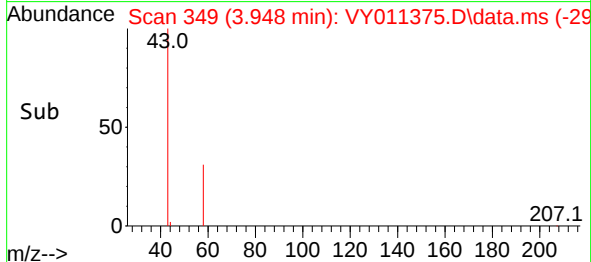
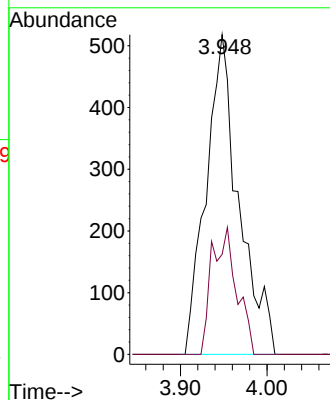
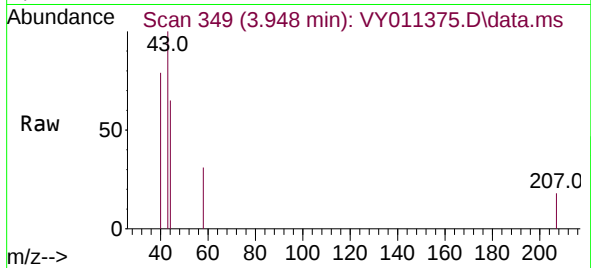




#16
Acetone
Concen: 2.085 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

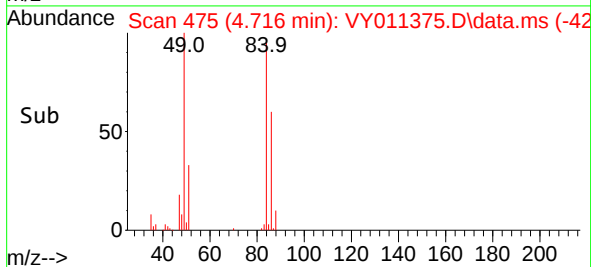
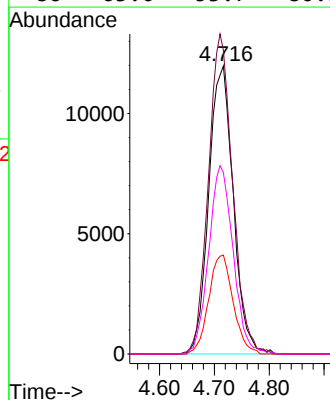
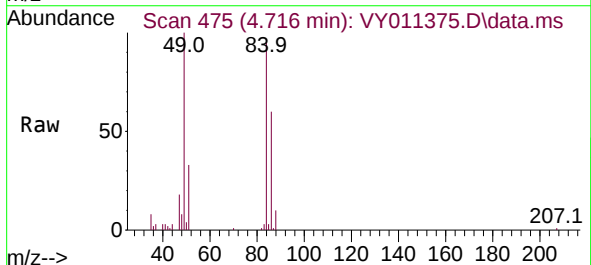
Instrument :
MSVOA_Y
ClientSampleId :

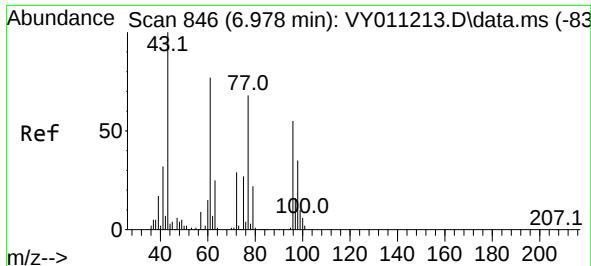
Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0



#20
Methylene Chloride
Concen: 9.904 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

Tgt Ion: 84 Resp: 37170
Ion Ratio Lower Upper
84 100
49 105.4 114.4 171.6#
51 34.3 35.3 52.9#
86 63.0 53.7 80.5

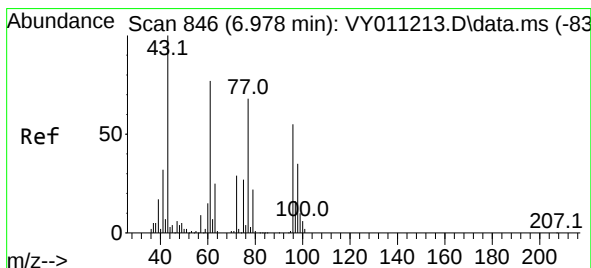
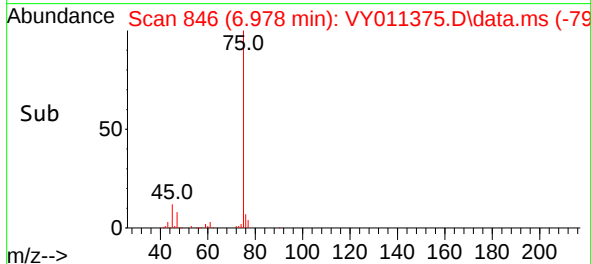
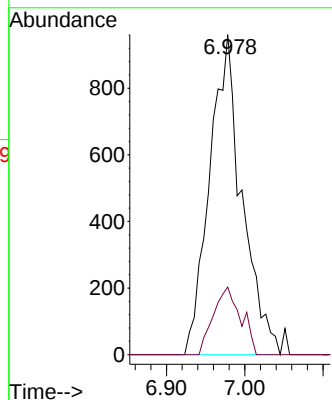
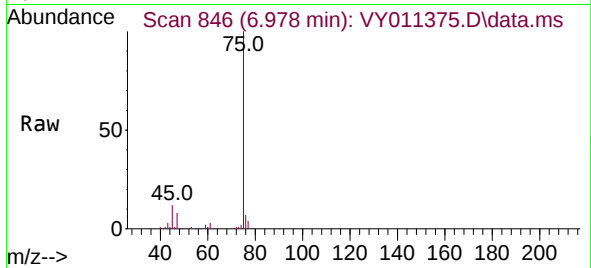




#25
2-Butanone
Concen: 3.009 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

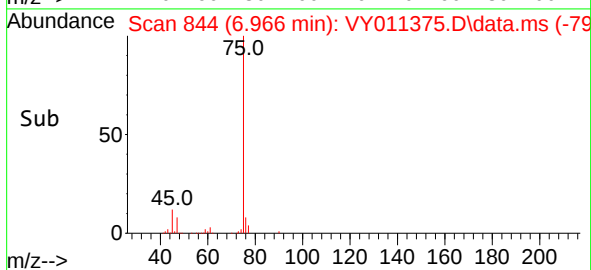
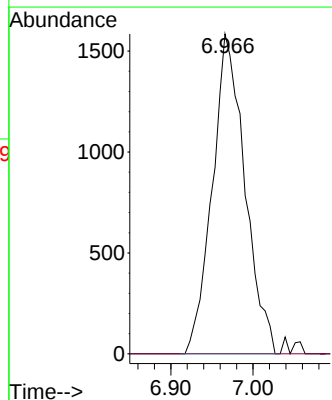
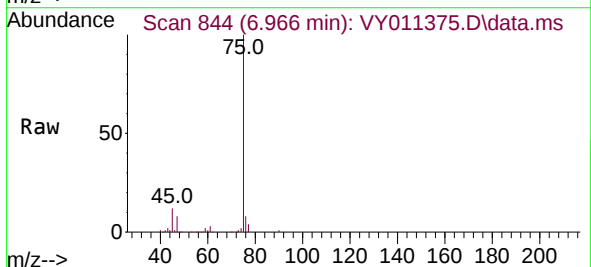
Instrument :
MSVOA_Y
ClientSampleId :

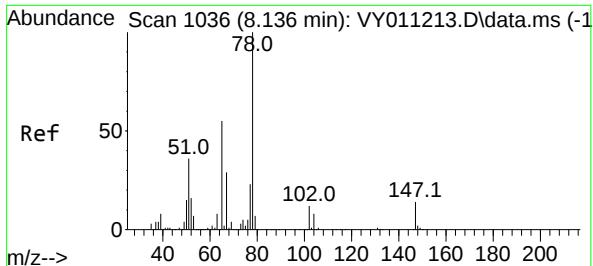
Tgt Ion: 43 Resp: 2761
Ion Ratio Lower Upper
43 100
72 21.1 17.7 26.5



#26
2,2-Dichloropropane
Concen: 1.102 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

Tgt Ion: 77 Resp: 4355
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#





#33

1,2-Dichloroethane-d4

Concen: 58.824 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011375.D

Acq: 08 Nov 2022 20:13

Instrument :

MSVOA_Y

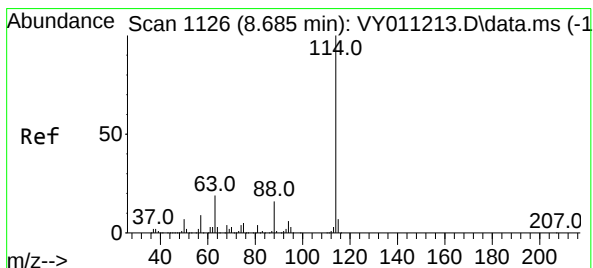
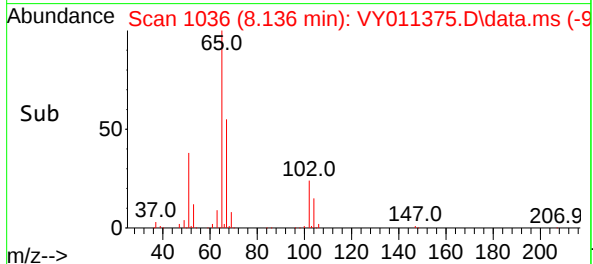
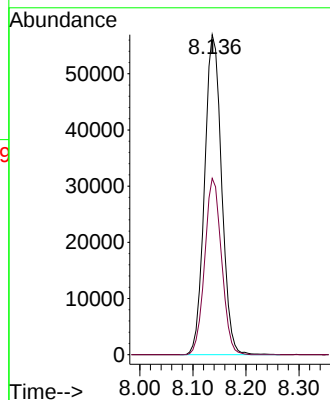
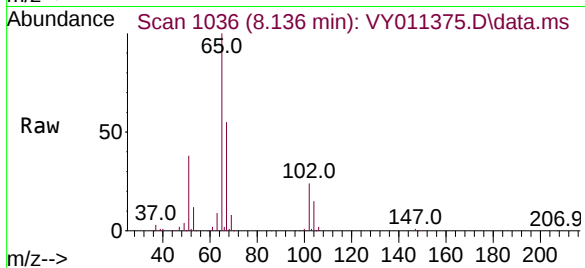
ClientSampleId :

Tgt Ion: 65 Resp: 127084

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011375.D

Acq: 08 Nov 2022 20:13

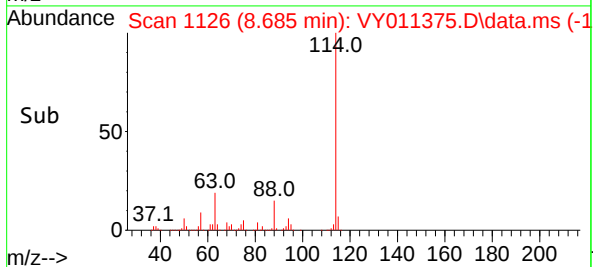
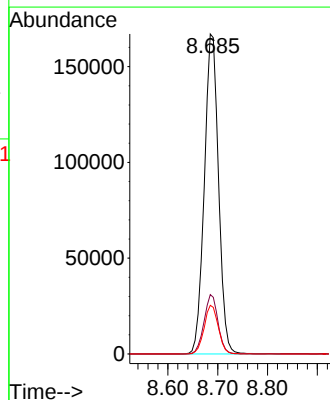
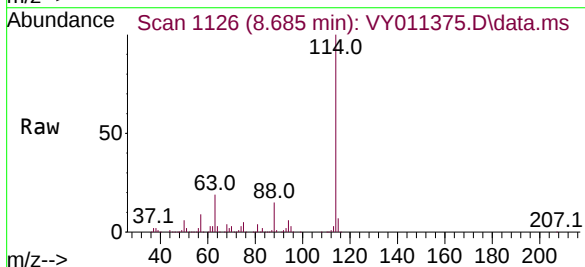
Tgt Ion: 114 Resp: 330591

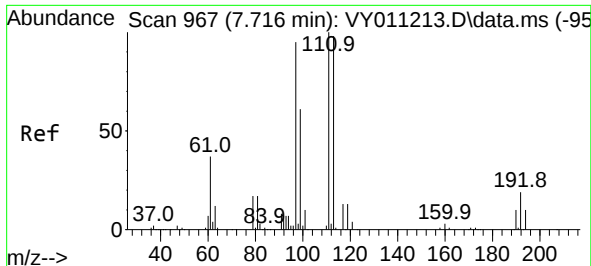
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

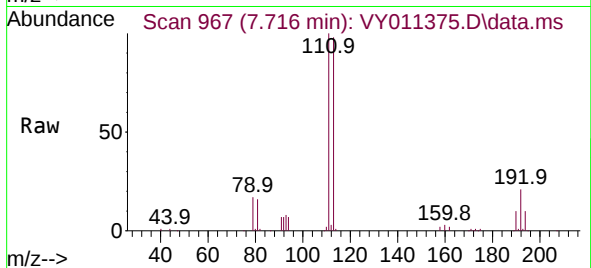
88 15.2 0.0 31.8



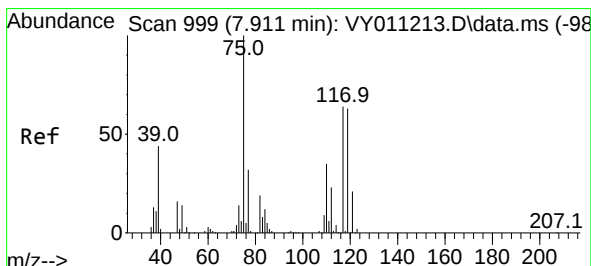
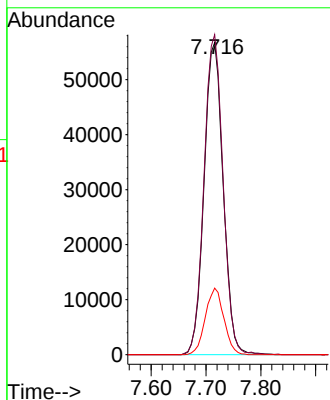
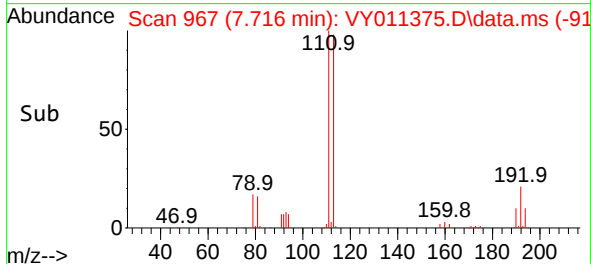


#35
 Dibromofluoromethane
 Concen: 64.398 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY011375.D
 Acq: 08 Nov 2022 20:13

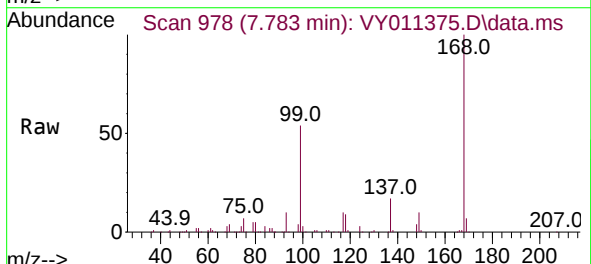
Instrument :
 MSVOA_Y
 ClientSampleId :



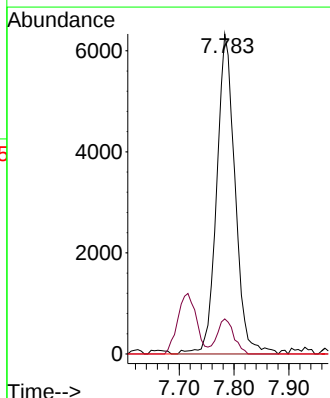
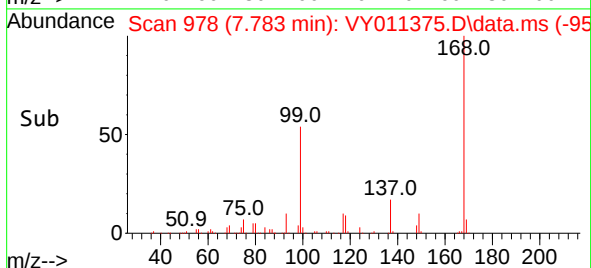
Tgt Ion:113 Resp: 136784
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 124.0
 192 20.7 17.6 26.4

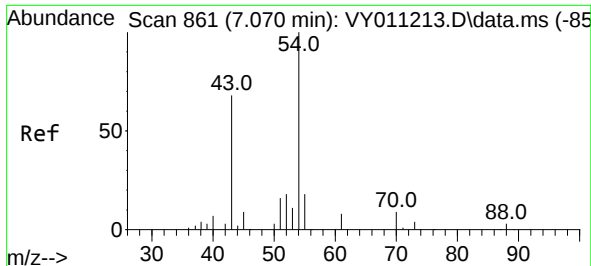


#36
 1,1-Dichloropropene
 Concen: 4.249 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.134 min
 Lab File: VY011375.D
 Acq: 08 Nov 2022 20:13



Tgt Ion: 75 Resp: 14738
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.1 51.2#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.477 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY011375.D

Acq: 08 Nov 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

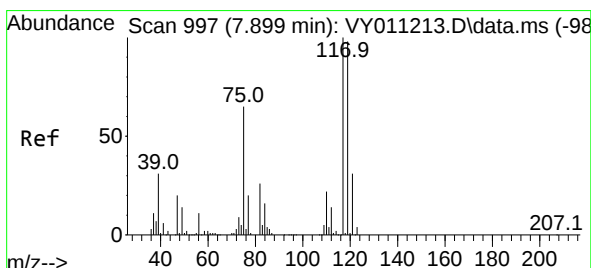
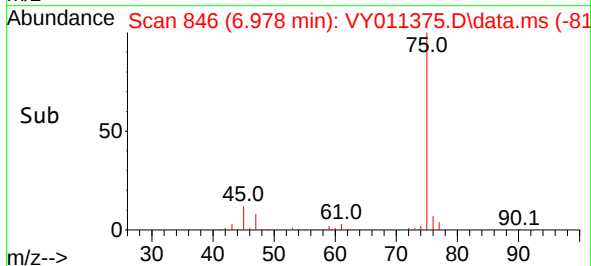
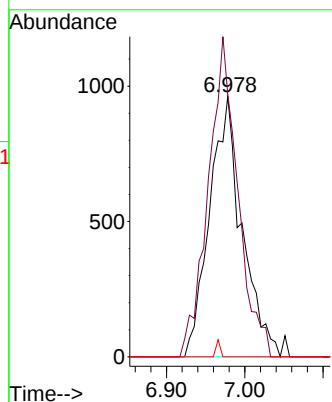
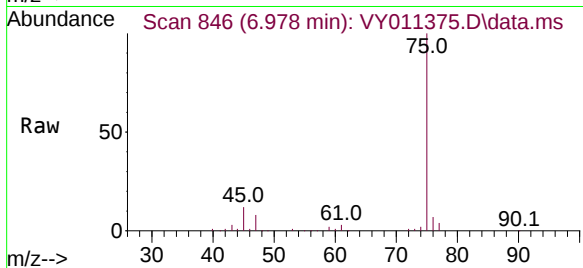
Tgt Ion: 43 Resp: 2761

Ion Ratio Lower Upper

43 100

61 112.1 9.7 14.5#

70 0.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.402 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011375.D

Acq: 08 Nov 2022 20:13

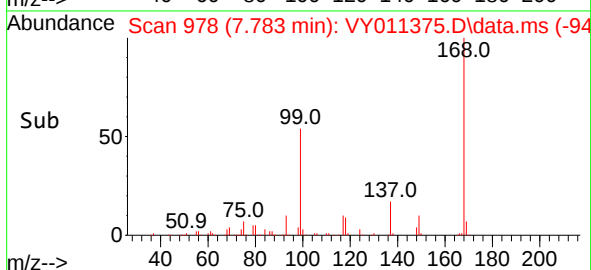
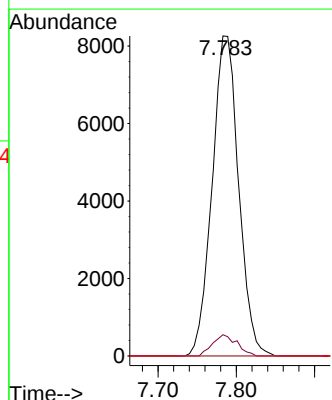
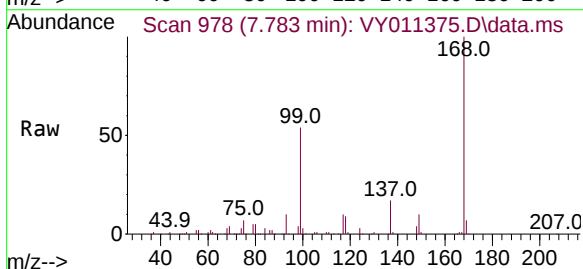
Tgt Ion: 117 Resp: 19440

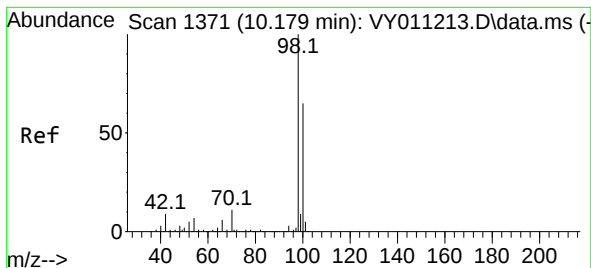
Ion Ratio Lower Upper

117 100

119 6.7 77.9 116.9#

121 0.0 24.8 37.2#

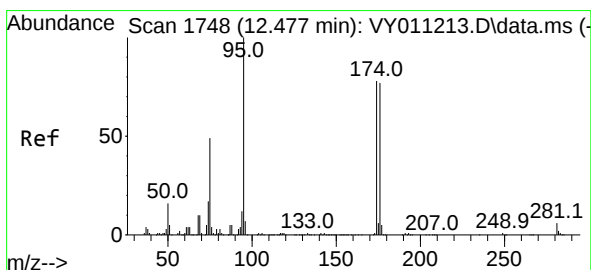
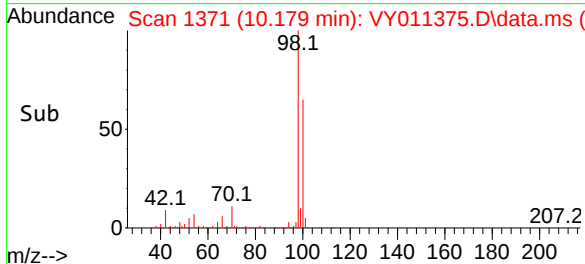
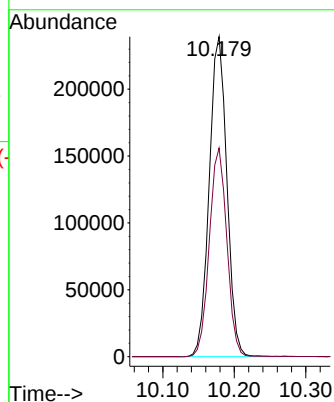
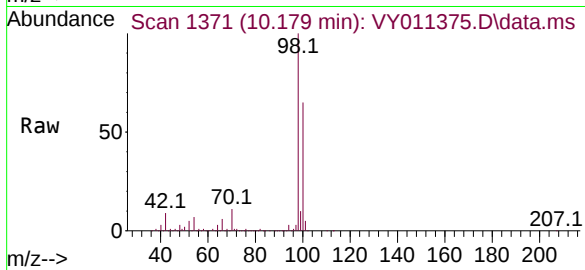




#50
Toluene-d8
Concen: 49.704 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

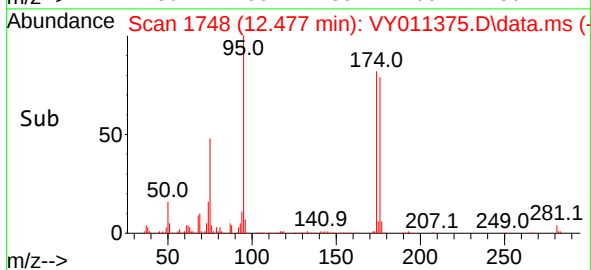
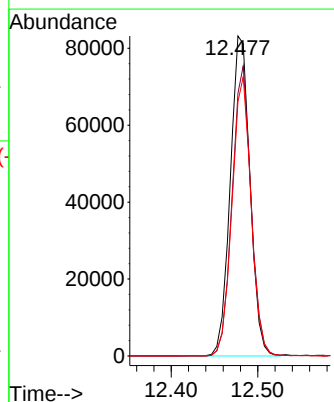
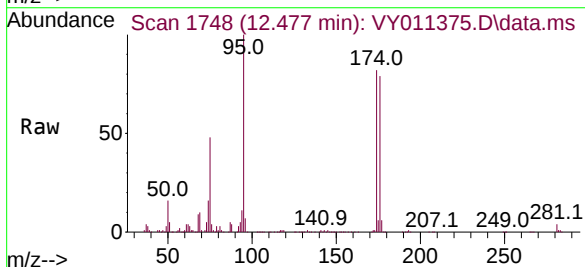
Instrument :
MSVOA_Y
ClientSampleId :

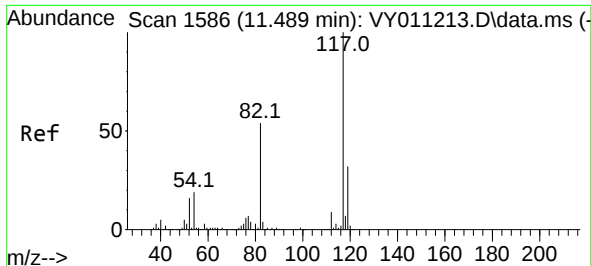
Tgt Ion: 98 Resp: 409893
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.853 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

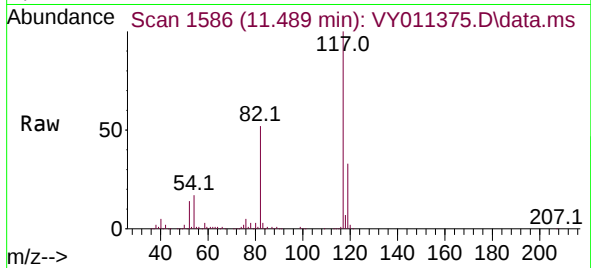
Tgt Ion: 95 Resp: 131276
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 84.2 0.0 175.8



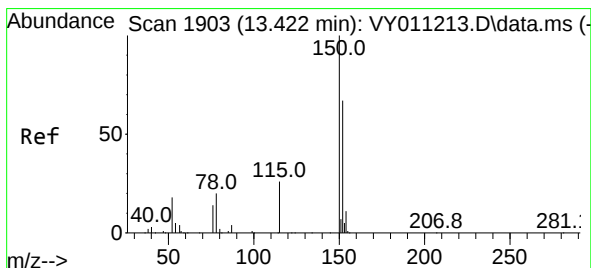
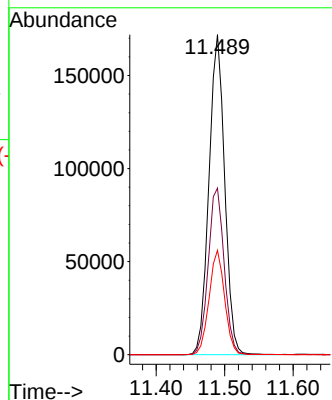
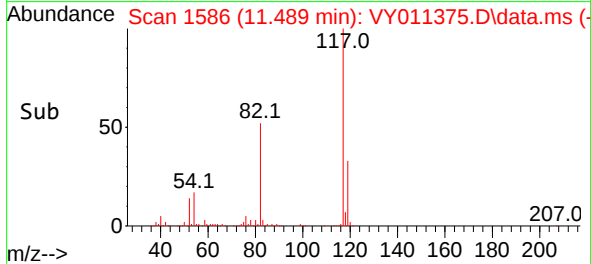


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

Instrument :
MSVOA_Y
ClientSampleId :

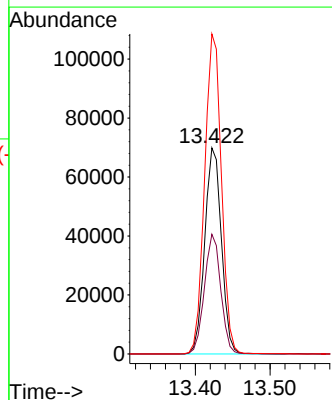
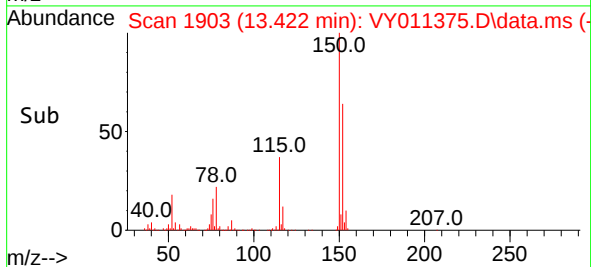
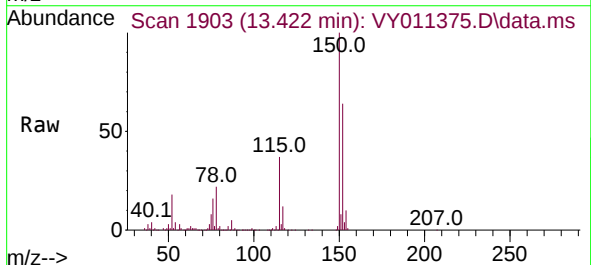


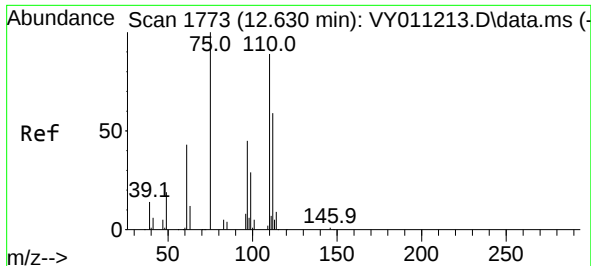
Tgt Ion:117 Resp: 274291
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

Tgt Ion:152 Resp: 108260
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 156.1 0.0 347.6

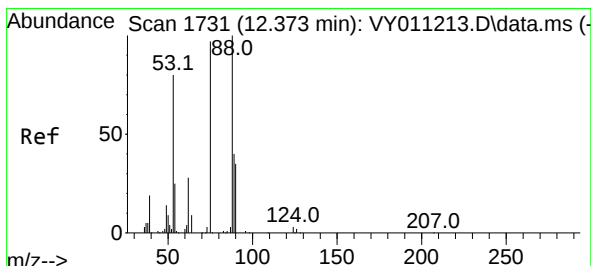
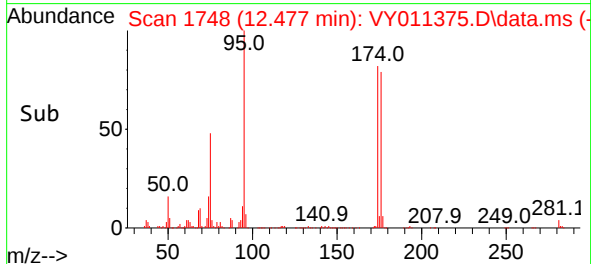
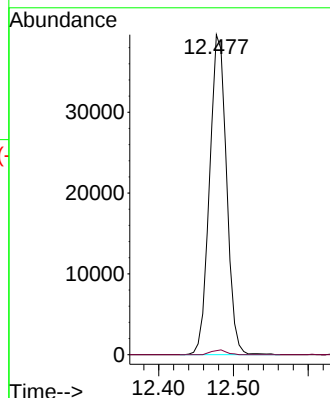
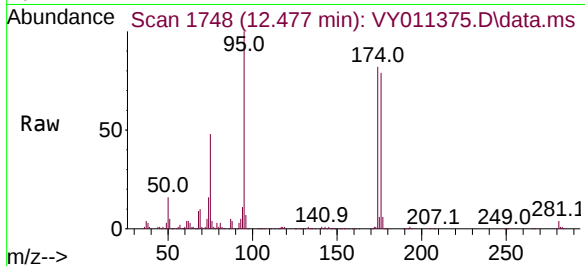




#76
1,2,3-Trichloropropane
Concen: 47.565 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

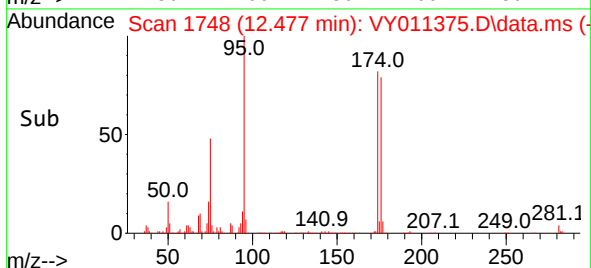
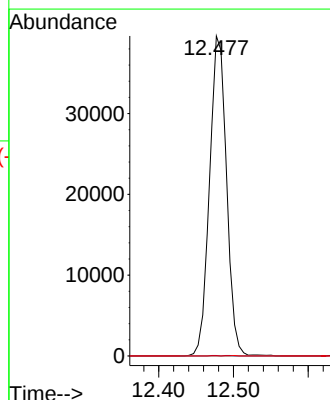
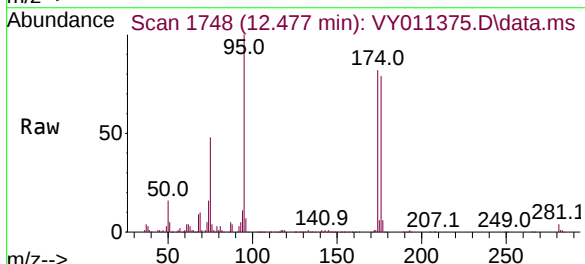
Instrument :
MSVOA_Y
ClientSampleId :

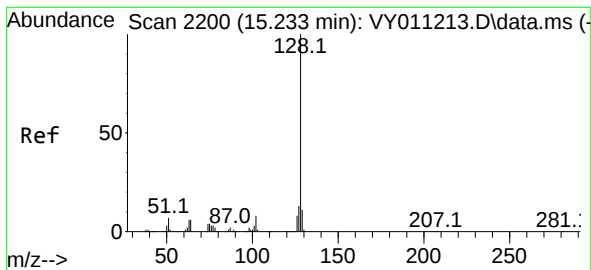
Tgt Ion: 75 Resp: 62689
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.795 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011375.D
Acq: 08 Nov 2022 20:13

Tgt Ion: 75 Resp: 62689
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.068 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

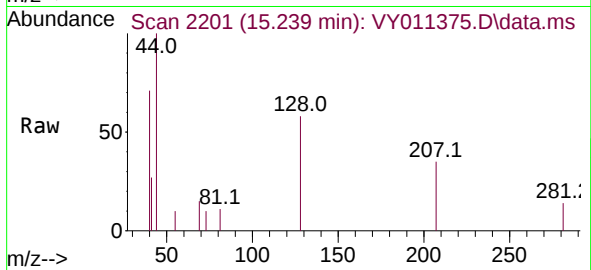
Lab File: VY011375.D

Acq: 08 Nov 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 518

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

