

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011292.D
 Acq On : 03 Nov 2022 17:10
 Operator : KP/MD
 Sample : N5395-08RE
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2-103122

Quant Time: Nov 04 02:21:48 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)

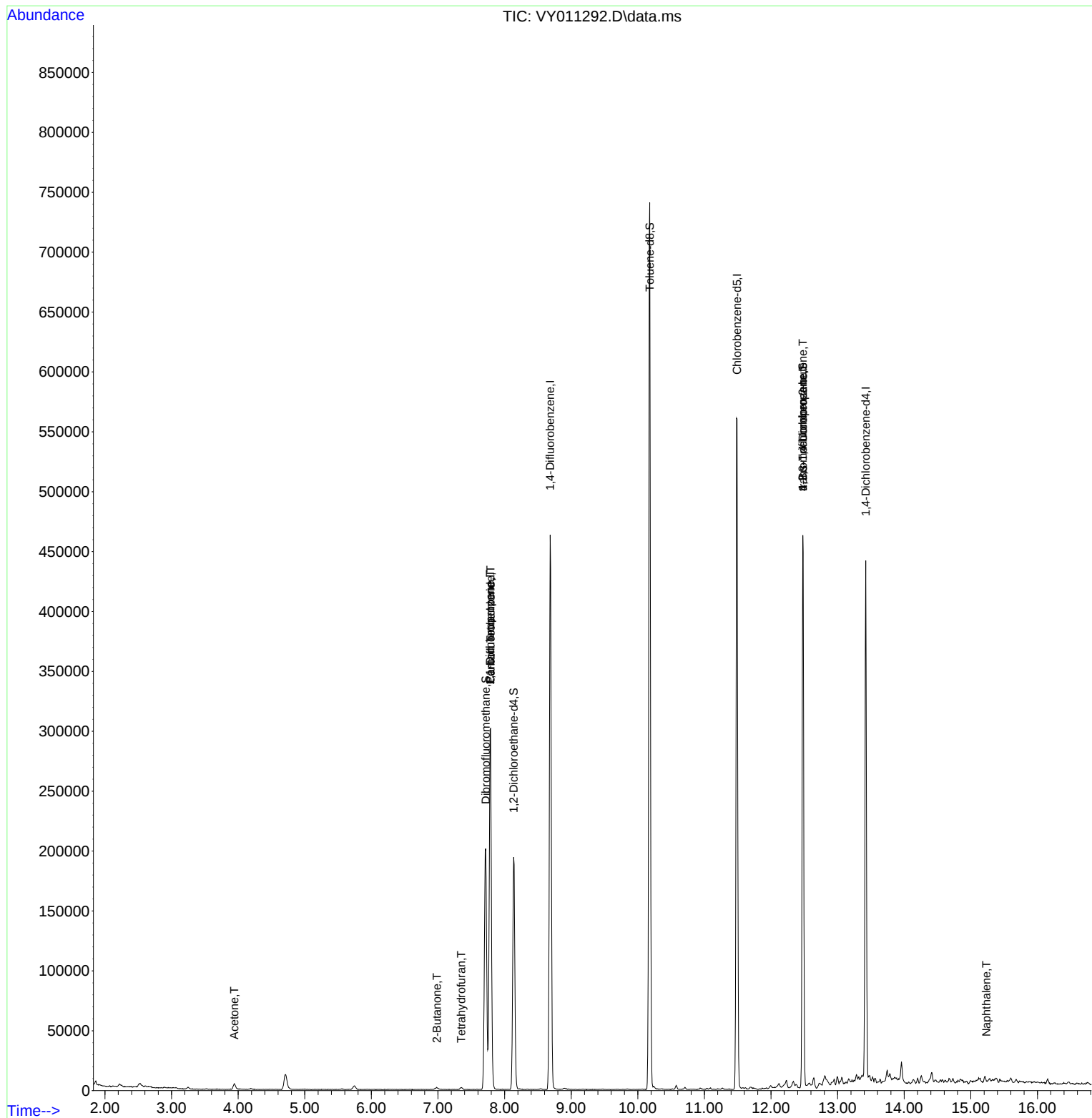
Internal Standards						
1) Pentafluorobenzene	7.789	168	236096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	402807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	321509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149716	59.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.580%	
35) Dibromofluoromethane	7.716	113	149055	57.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.180%	
50) Toluene-d8	10.179	98	498718	49.632	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	12.477	95	146099	41.882	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.760%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	198	Below Cal	#	77
16) Acetone	3.942	43	7986	10.477	ug/l #	84
20) Methylene Chloride	4.710	84	10317	Below Cal	#	80
25) 2-Butanone	6.984	43	1195	1.114	ug/l	97
29) Tetrahydrofuran	7.350	42	1312	2.101	ug/l	94
36) 1,1-Dichloropropene	7.783	75	17647	4.175	ug/l #	50
38) Carbon Tetrachloride	7.789	117	23057	5.259	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	72096	53.580	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	72096	114.668	ug/l #	7
95) Naphthalene	15.233	128	835	4.125	ug/l #	84

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

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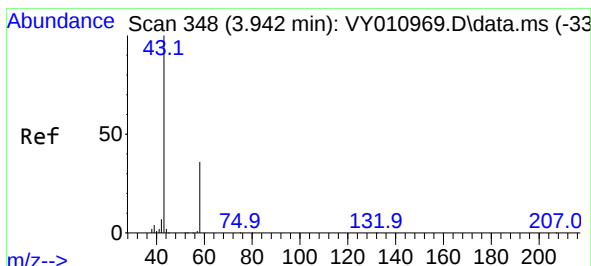
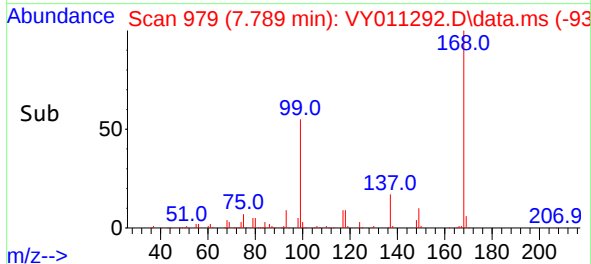
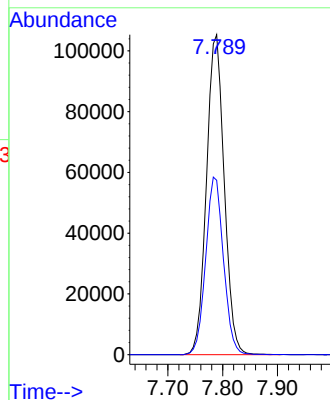
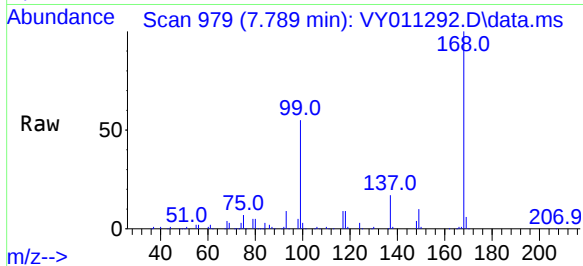




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

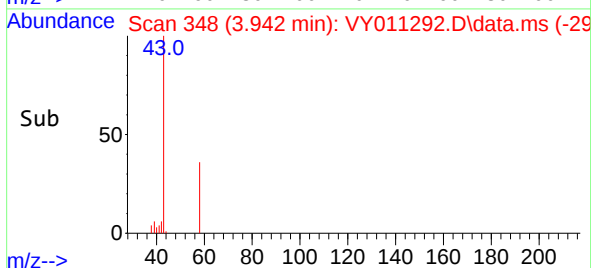
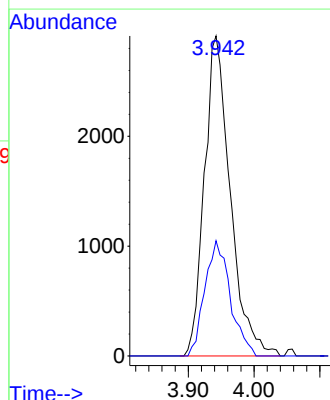
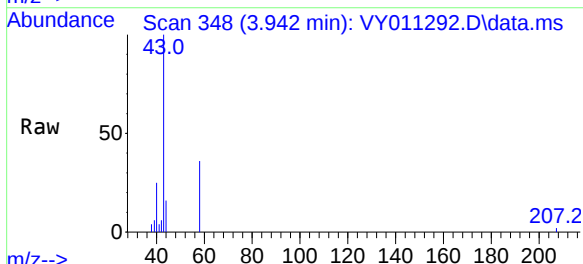
Instrument :
MSVOA_Y
ClientSampleId :
S-2-103122

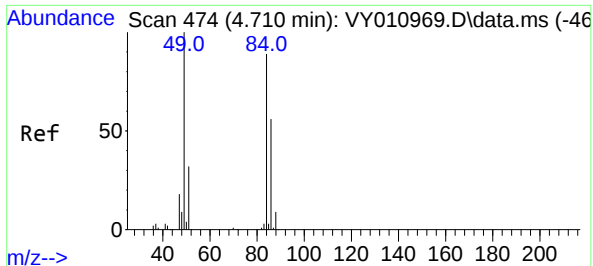
Tgt Ion:168 Resp: 236096
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#16
Acetone
Concen: 10.477 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Tgt Ion: 43 Resp: 7986
Ion Ratio Lower Upper
43 100
58 36.0 22.0 33.0#

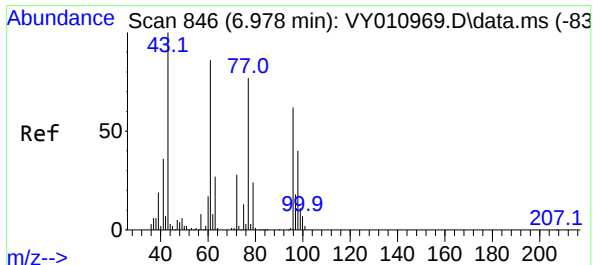
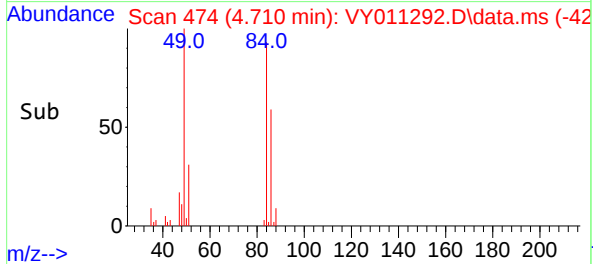
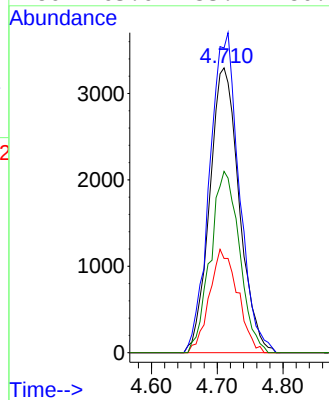
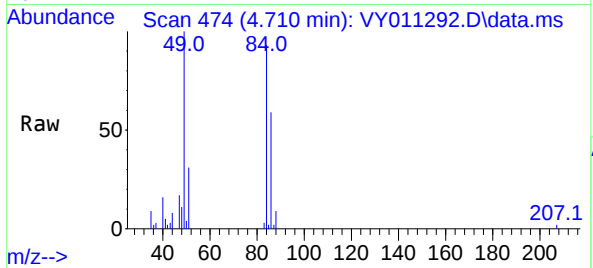




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

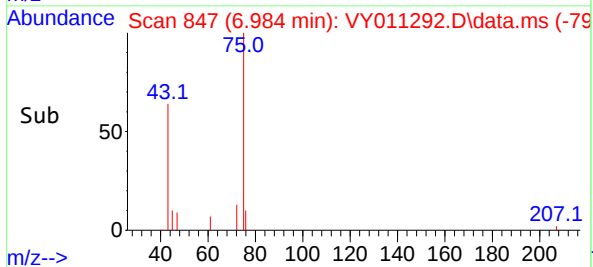
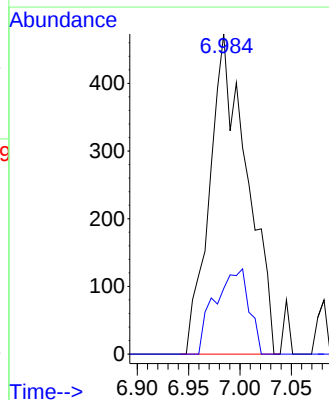
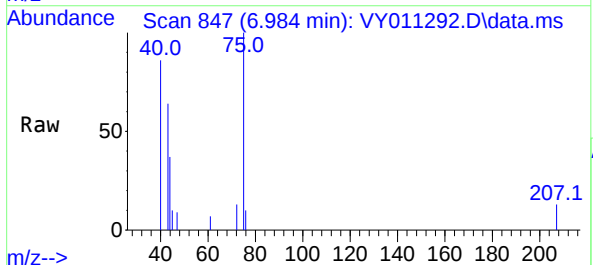
Instrument :
MSVOA_Y
ClientSampleId :
S-2-103122

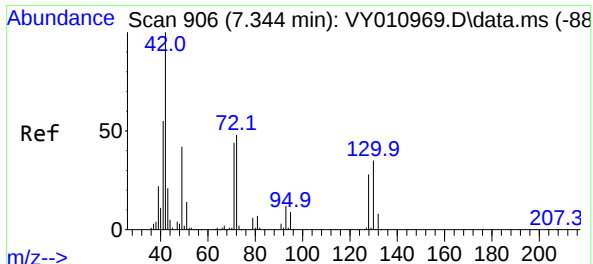
Tgt Ion: 84 Resp: 10317
Ion Ratio Lower Upper
84 100
49 107.0 114.4 171.6#
51 33.1 35.3 52.9#
86 63.6 53.7 80.5



#25
2-Butanone
Concen: 1.114 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
72 20.5 17.7 26.5





#29

Tetrahydrofuran

Concen: 2.101 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011292.D

Acq: 03 Nov 2022 17:10

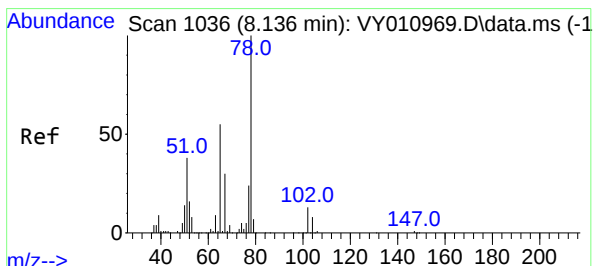
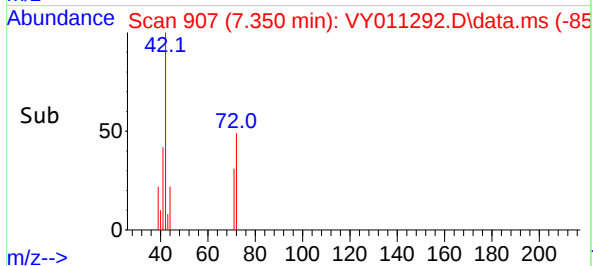
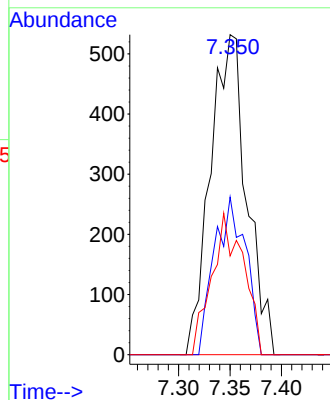
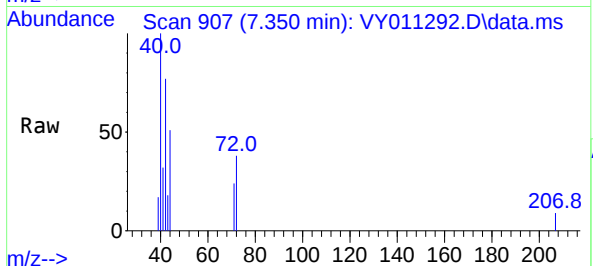
Instrument :

MSVOA_Y

ClientSampleId :

S-2-103122

Tgt Ion:	42	Resp:	1312
Ion	Ratio	Lower	Upper
42	100		
72	42.1	30.3	45.5
71	38.5	29.0	43.4



#33

1,2-Dichloroethane-d4

Concen: 59.292 ug/l

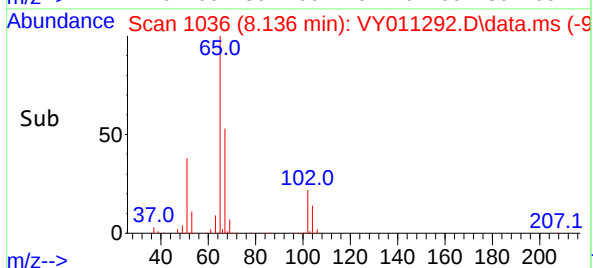
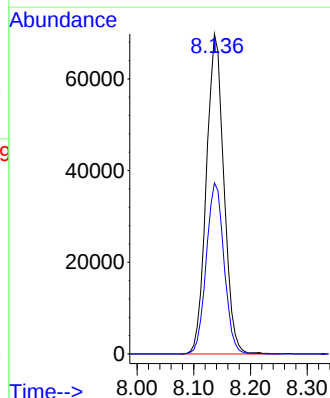
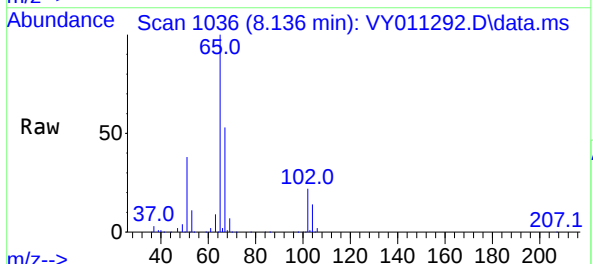
RT: 8.136 min Scan# 1036

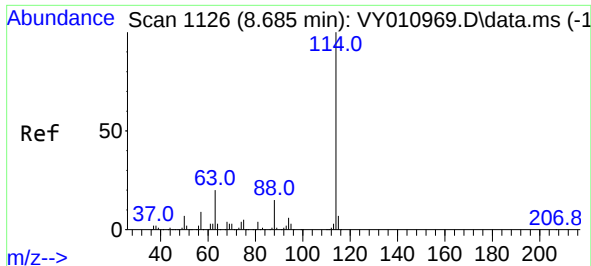
Delta R.T. 0.000 min

Lab File: VY011292.D

Acq: 03 Nov 2022 17:10

Tgt Ion:	65	Resp:	149716
Ion	Ratio	Lower	Upper
65	100		
67	54.2	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: VY011292.D

Acq: 03 Nov 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

S-2-103122

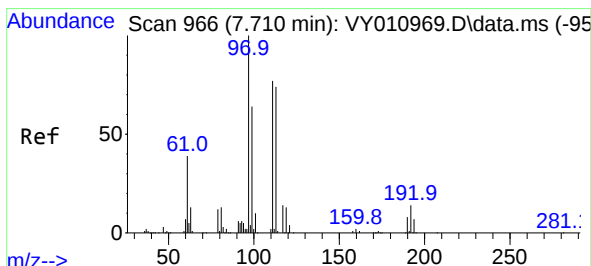
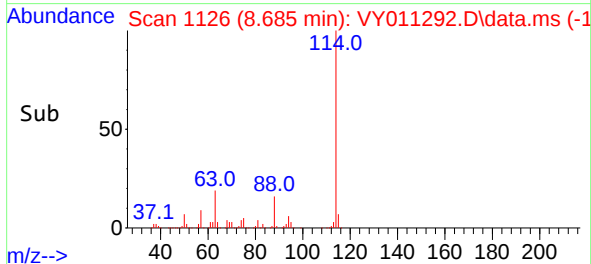
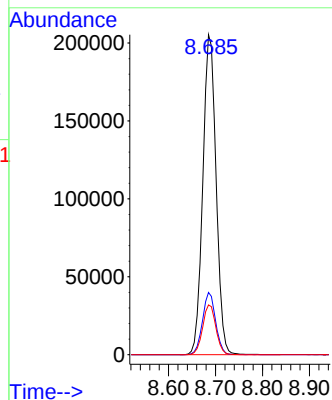
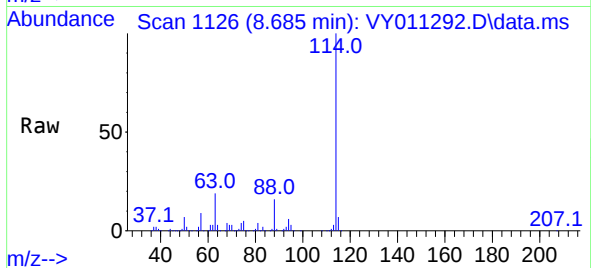
Tgt Ion:114 Resp: 402807

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.594 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011292.D

Acq: 03 Nov 2022 17:10

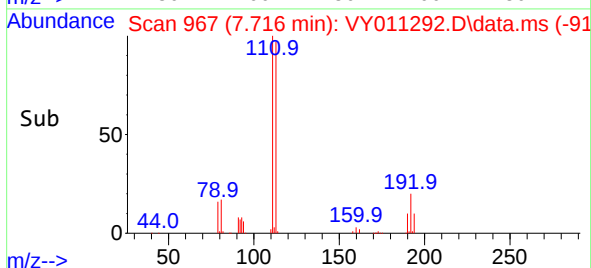
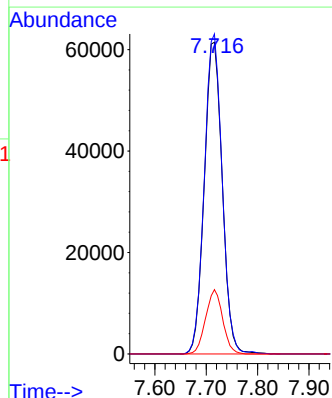
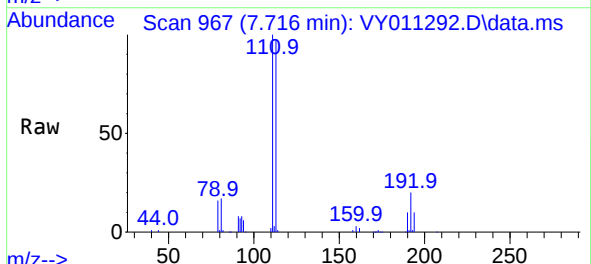
Tgt Ion:113 Resp: 149055

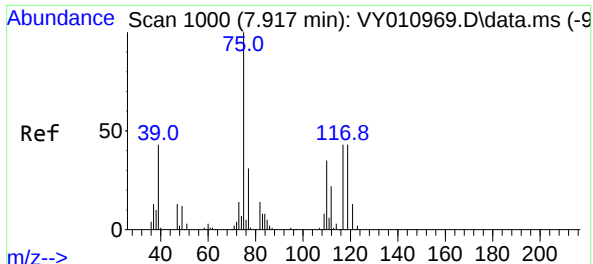
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 19.6 17.6 26.4

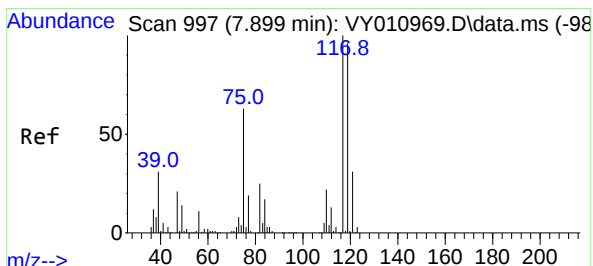
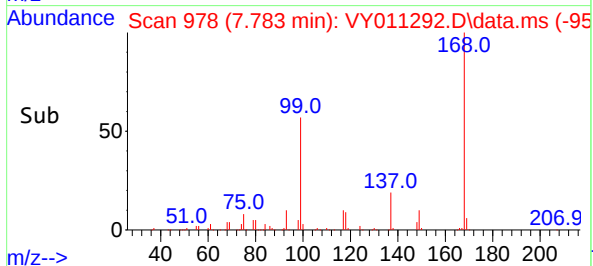
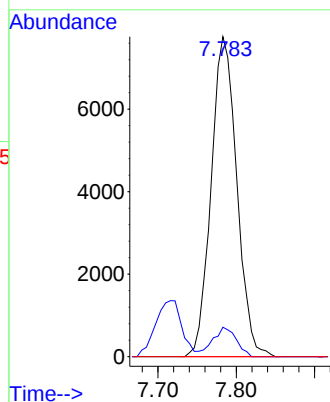
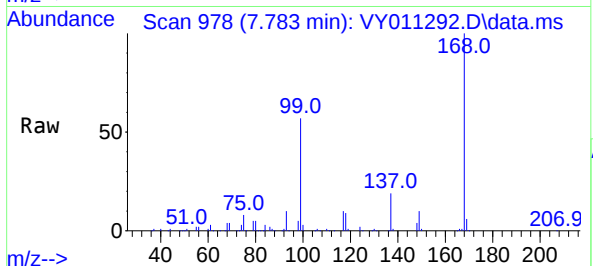




#36
1,1-Dichloropropene
Concen: 4.175 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

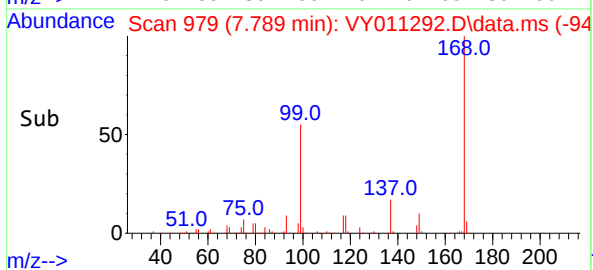
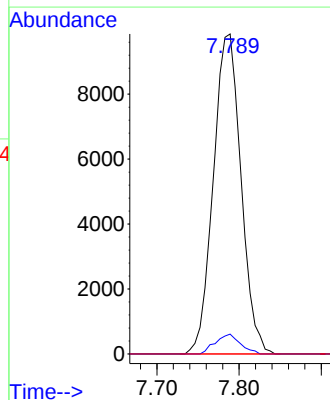
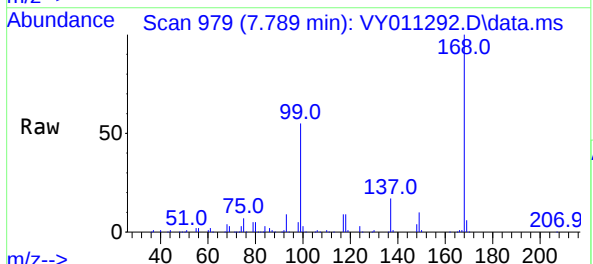
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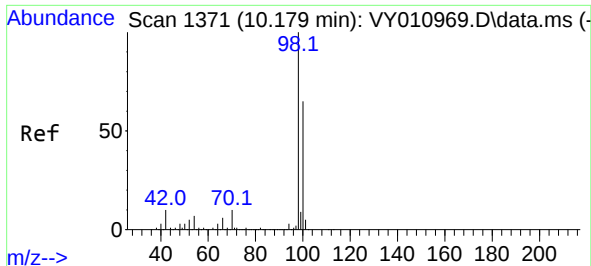
Tgt Ion: 75 Resp: 17647
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.259 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Tgt Ion: 117 Resp: 23057
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#

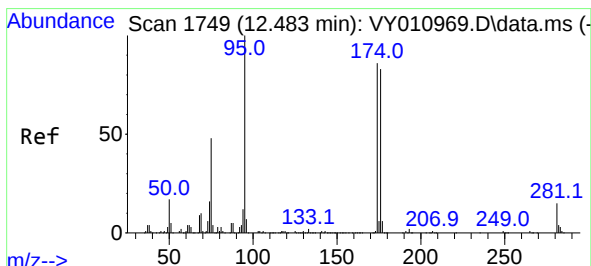
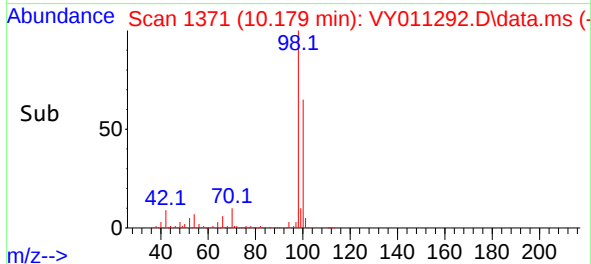
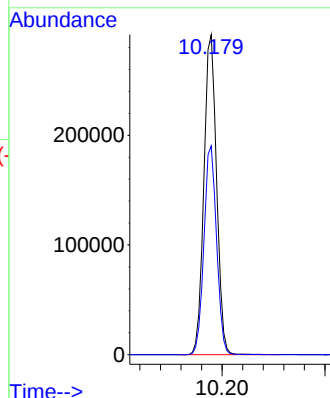
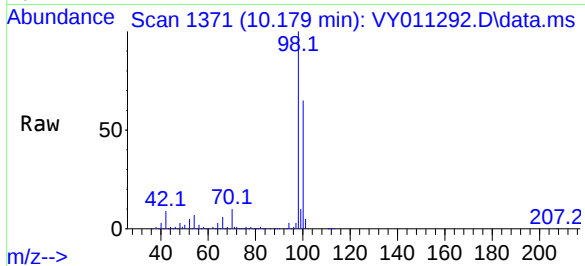




#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

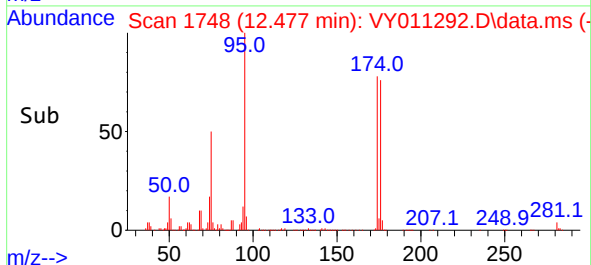
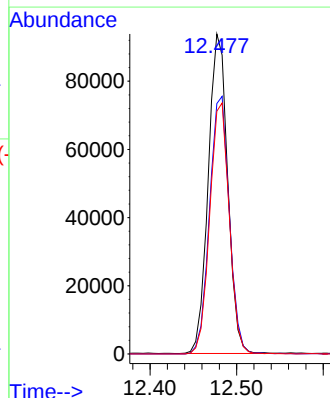
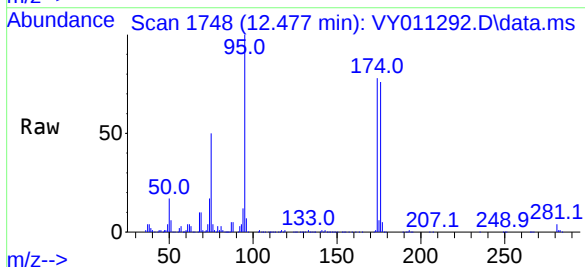
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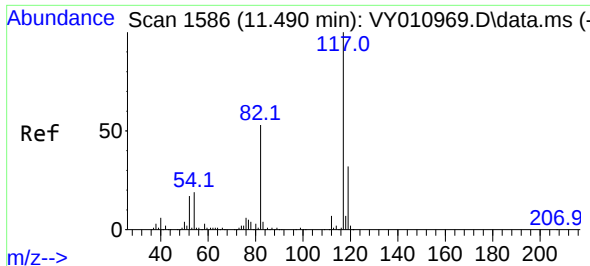
Tgt Ion: 98 Resp: 498718
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.882 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Tgt Ion: 95 Resp: 146099
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 78.7 0.0 175.8

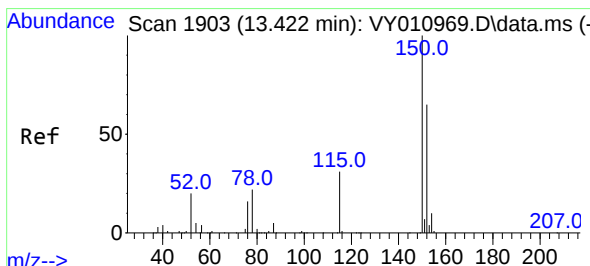
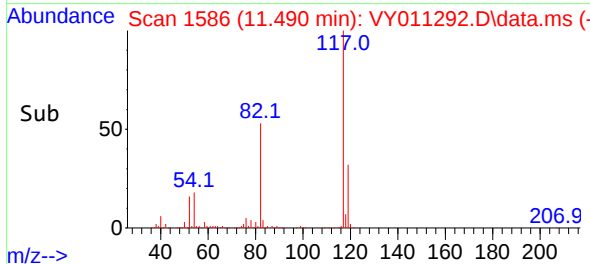
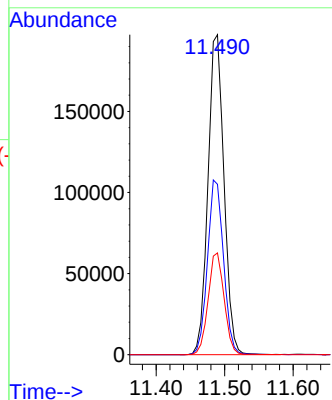
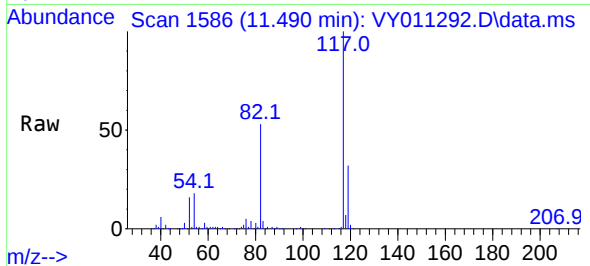




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

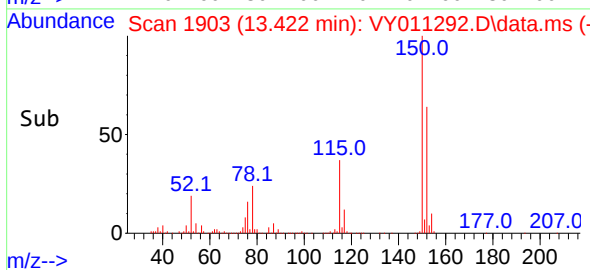
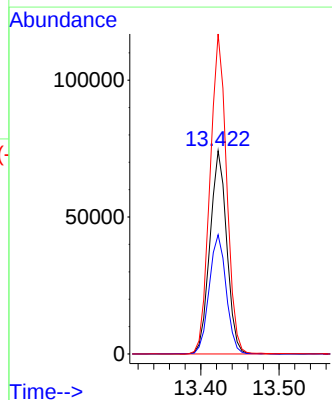
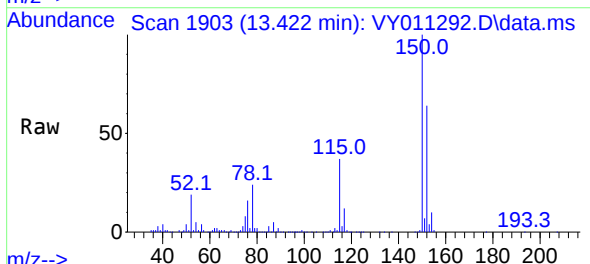
Instrument :
MSVOA_Y
ClientSampleId :
S-2-103122

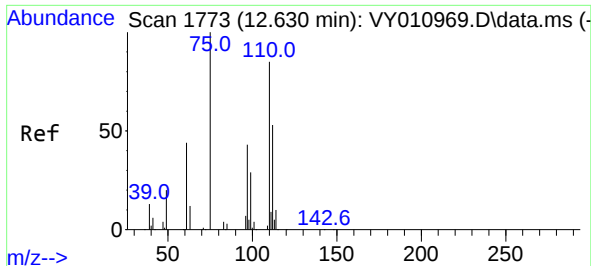
Tgt Ion:117 Resp: 321509
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Tgt Ion:152 Resp: 110527
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 156.0 0.0 347.6

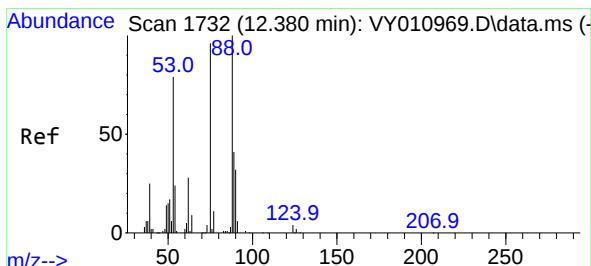
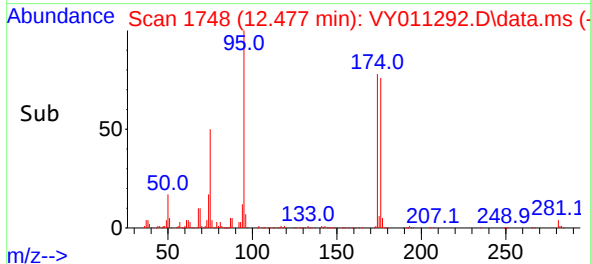
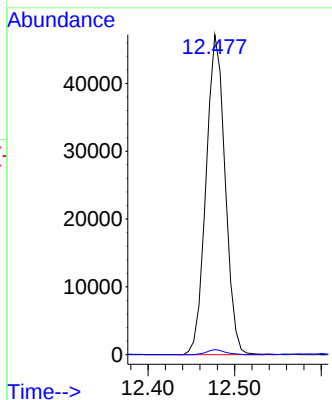
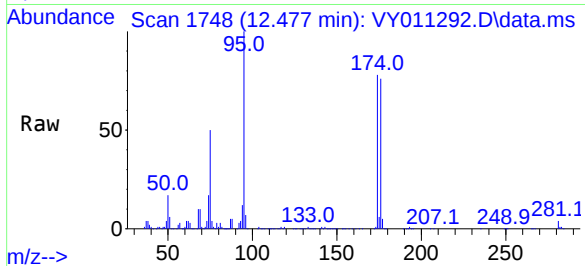




#76
1,2,3-Trichloropropane
Concen: 53.580 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

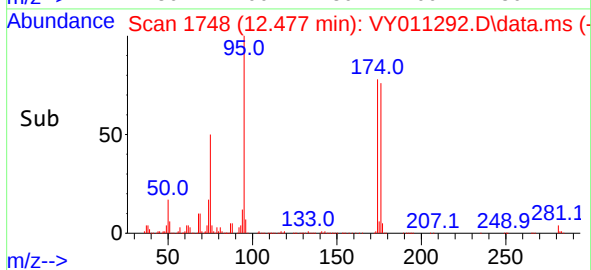
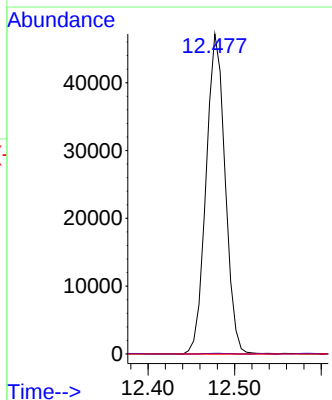
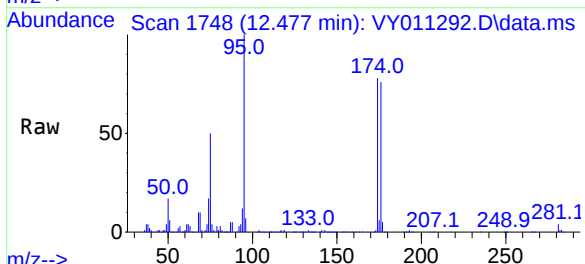
Instrument :
MSVOA_Y
ClientSampleId :
S-2-103122

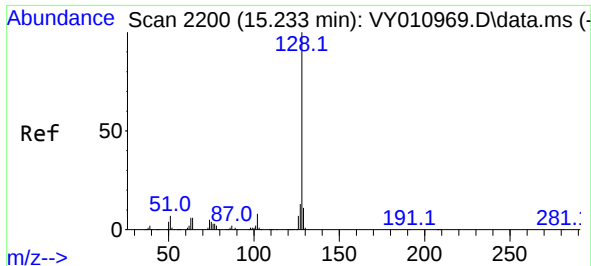
Tgt Ion: 75 Resp: 72096
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.668 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Tgt Ion: 75 Resp: 72096
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.125 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011292.D
Acq: 03 Nov 2022 17:10

Instrument :
MSVOA_Y
ClientSampleId :
S-2-103122

Tgt Ion	Ratio	Lower	Upper
128	100		
127	21.1	11.0	16.4#
129	5.3	8.4	12.6#

