

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011413.D
 Acq On : 11 Nov 2022 13:09
 Operator : KP/MD
 Sample : N5530-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13

Quant Time: Nov 11 13:35:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

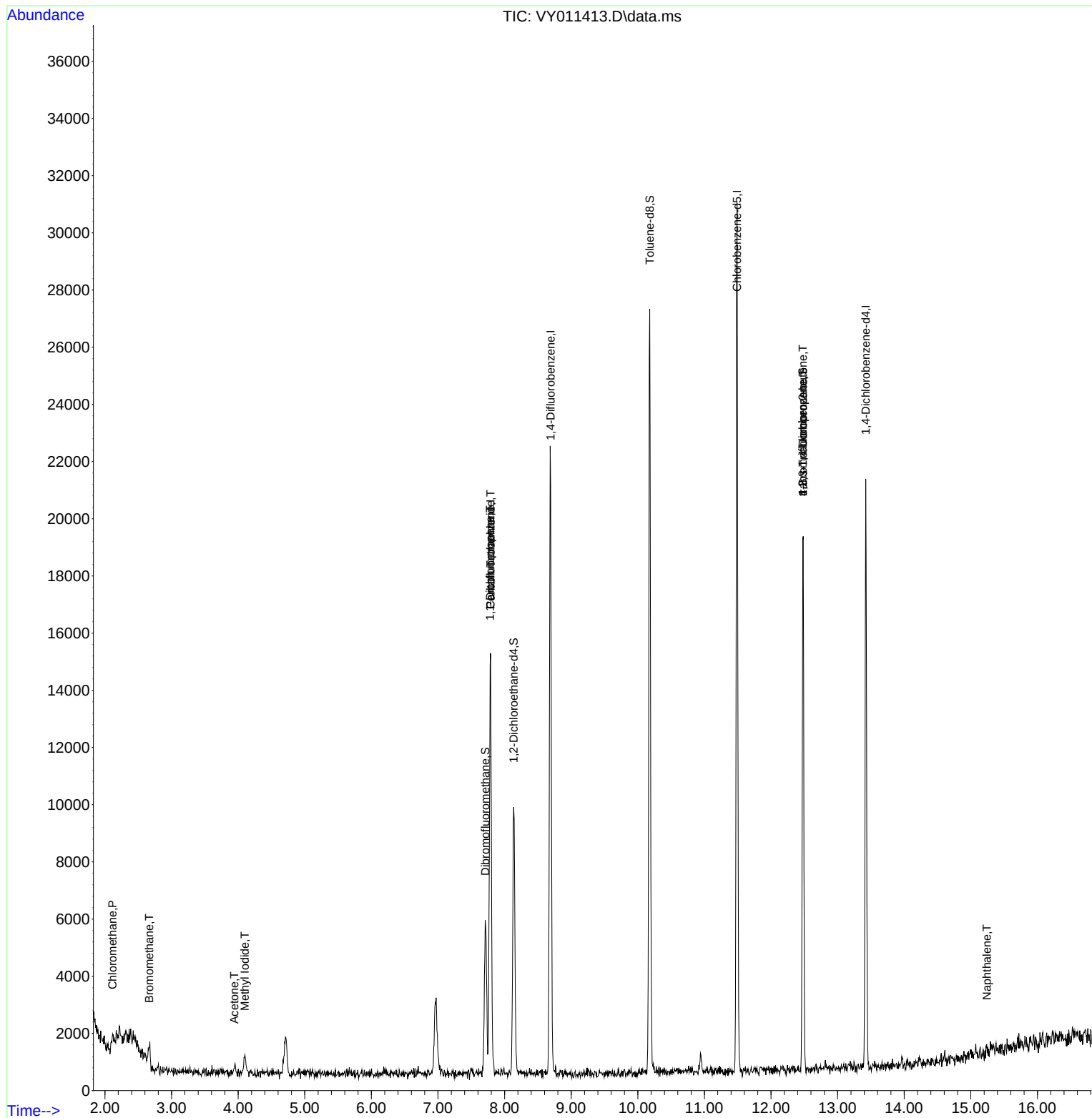
Internal Standards						
1) Pentafluorobenzene	7.789	168	11776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7446	75.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.920%	
35) Dibromofluoromethane	7.710	113	4119	35.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 70.920%	
50) Toluene-d8	10.179	98	20048	45.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.360%	
62) 4-Bromofluorobenzene	12.477	95	6146	39.710	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.420%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	227	2.398	ug/l	98
5) Bromomethane	2.662	94	379	4.691	ug/l	92
10) Methyl Iodide	4.101	142	983	6.906	ug/l #	83
16) Acetone	3.942	43	299	11.483	ug/l #	47
36) 1,1-Dichloropropene	7.783	75	810	4.493	ug/l #	42
38) Carbon Tetrachloride	7.789	117	1225	6.247	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	2969	43.988	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	2969	105.734	ug/l #	7
95) Naphthalene	15.239	128	30	3.402	ug/l #	69

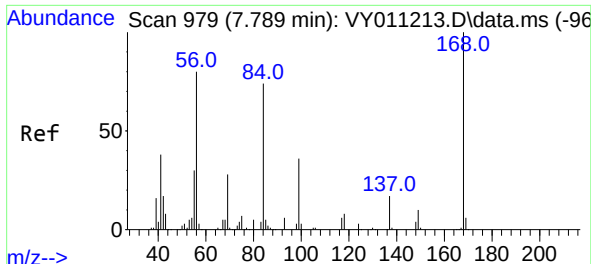
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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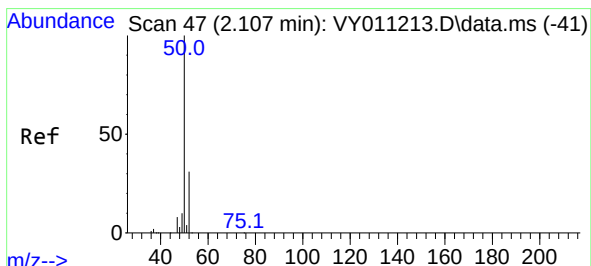
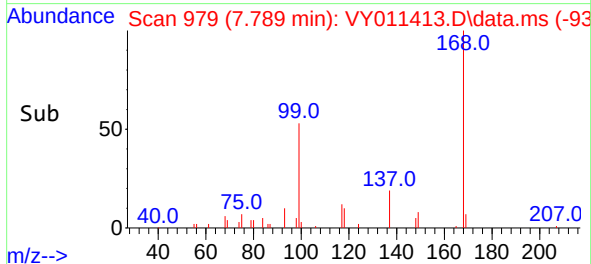
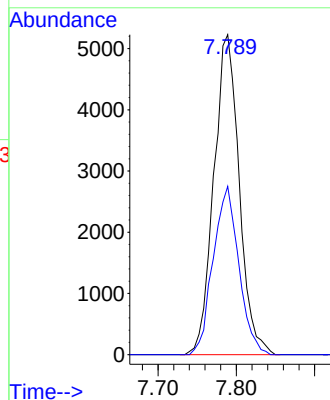
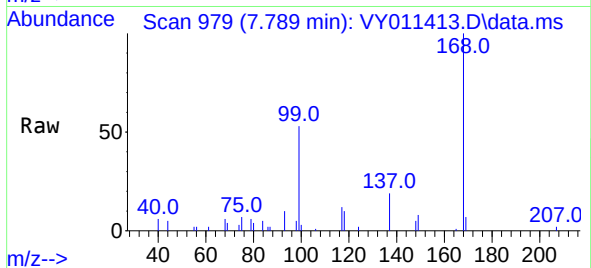




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

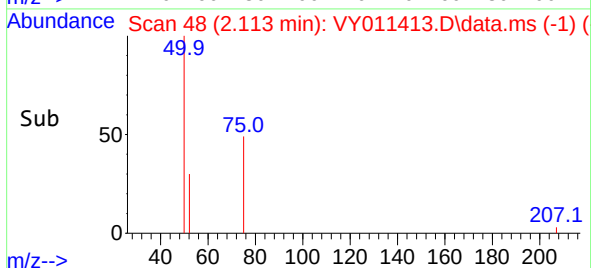
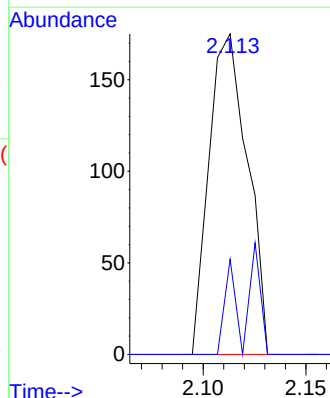
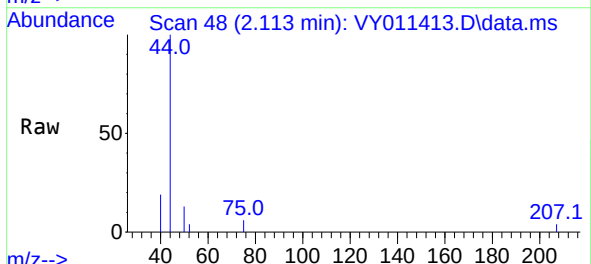
Instrument :
MSVOA_Y
ClientSampleId :
SB-13

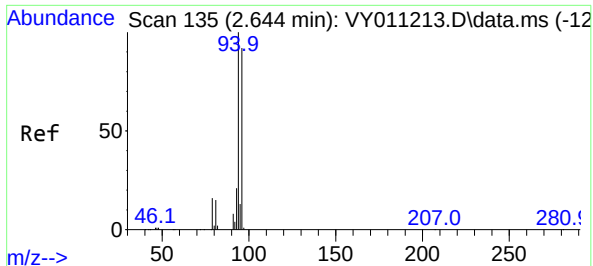
Tgt Ion:168 Resp: 11776
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#3
Chloromethane
Concen: 2.398 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 29.7 24.6 37.0

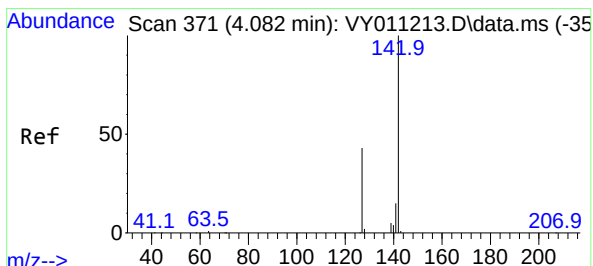
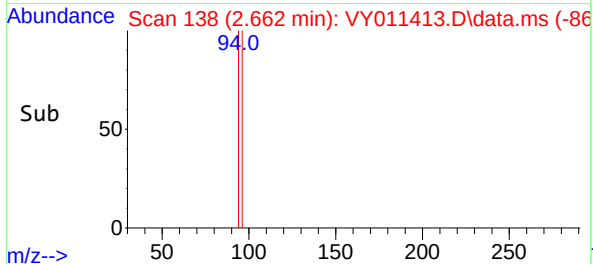
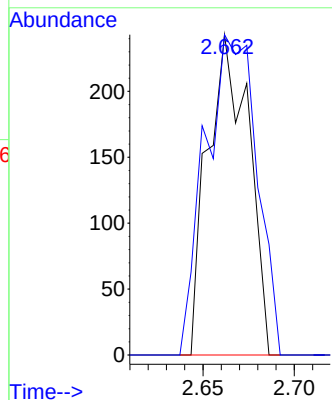
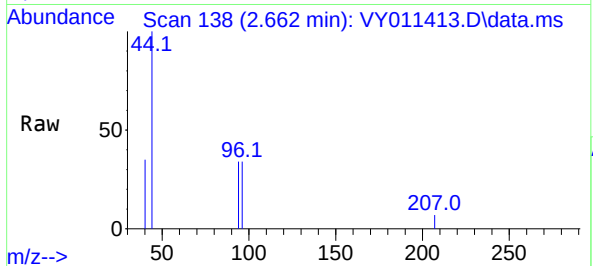




#5
Bromomethane
Concen: 4.691 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

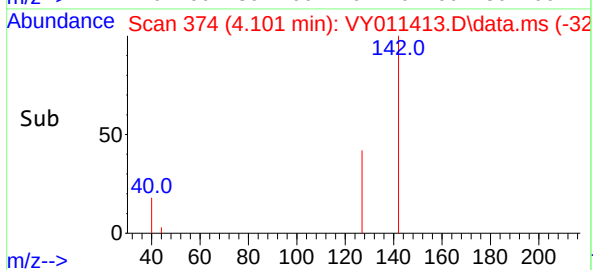
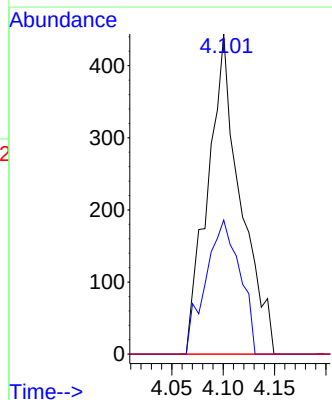
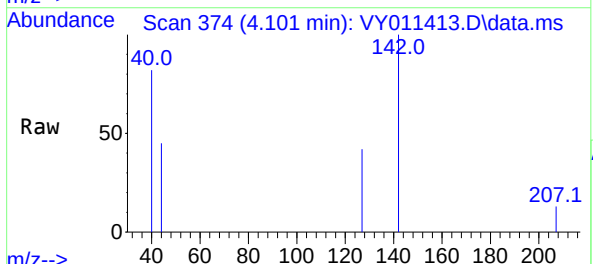
Instrument :
MSVOA_Y
ClientSampleId :
SB-13

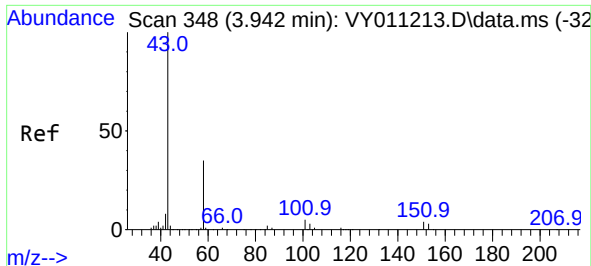
Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 100.0 73.5 110.3



#10
Methyl Iodide
Concen: 6.906 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

Tgt Ion: 142 Resp: 983
Ion Ratio Lower Upper
142 100
127 43.9 41.5 62.3
141 0.0 11.9 17.9#

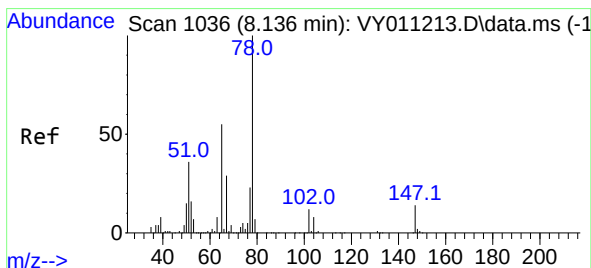
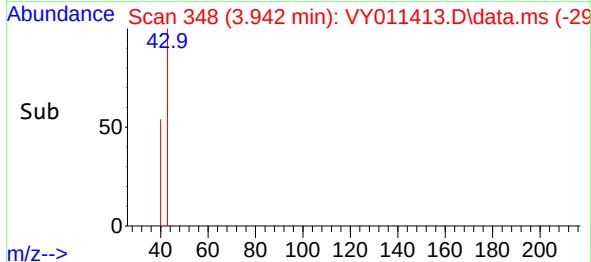
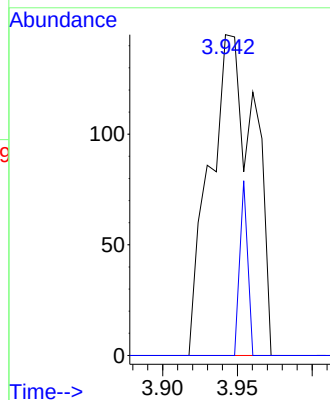
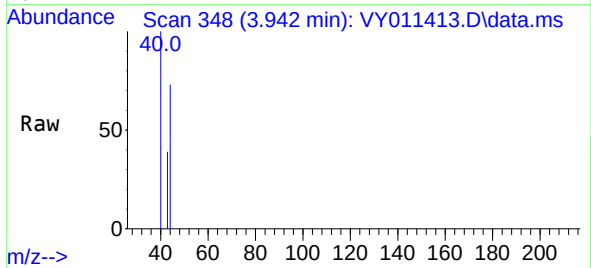




#16
Acetone
Concen: 11.483 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

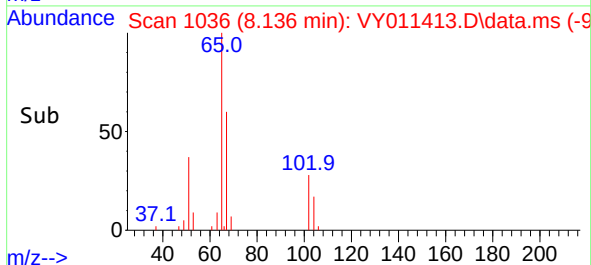
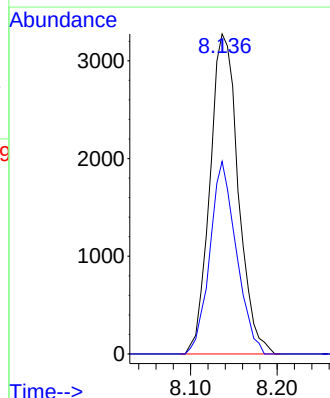
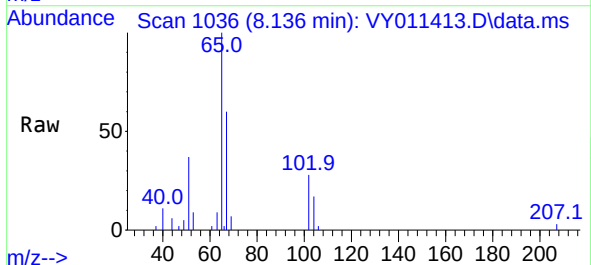
Instrument :
MSVOA_Y
ClientSampleId :
SB-13

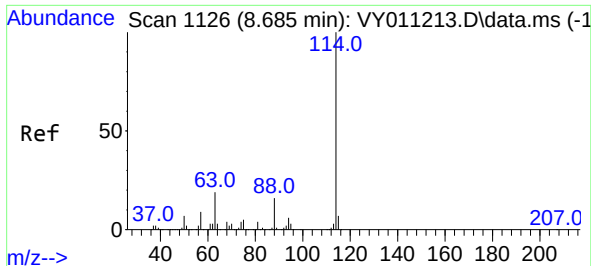
Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 75.457 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

Tgt Ion: 65 Resp: 7446
Ion Ratio Lower Upper
65 100
67 56.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011413.D

Acq: 11 Nov 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-13

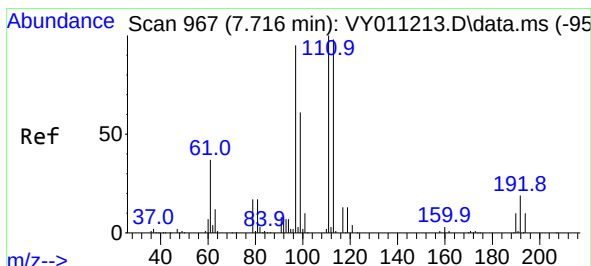
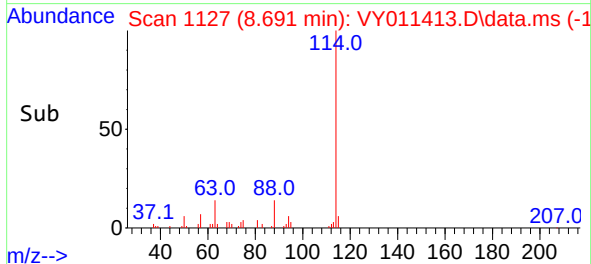
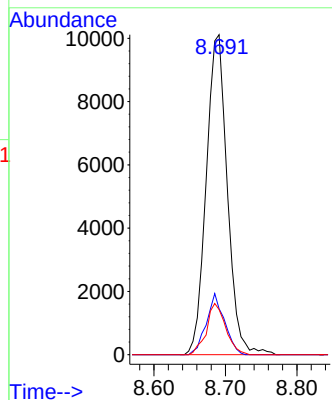
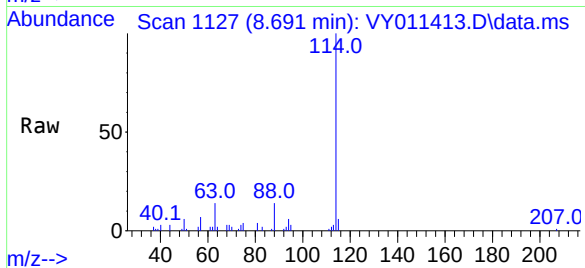
Tgt Ion:114 Resp: 20726

Ion Ratio Lower Upper

114 100

63 14.4 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 35.462 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011413.D

Acq: 11 Nov 2022 13:09

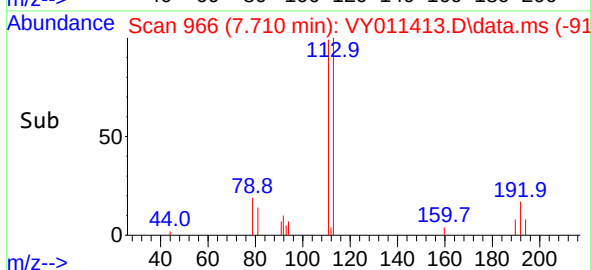
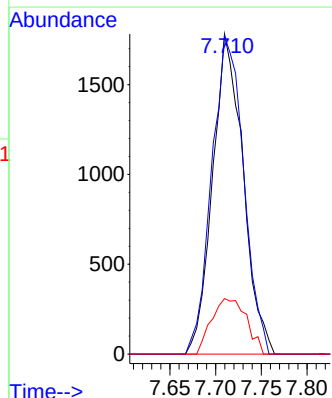
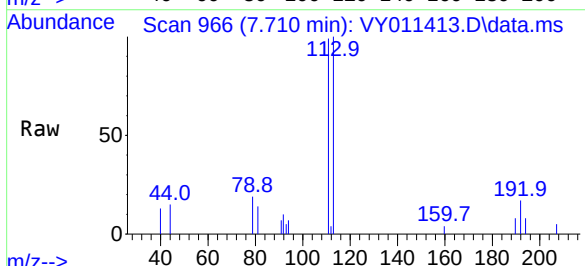
Tgt Ion:113 Resp: 4119

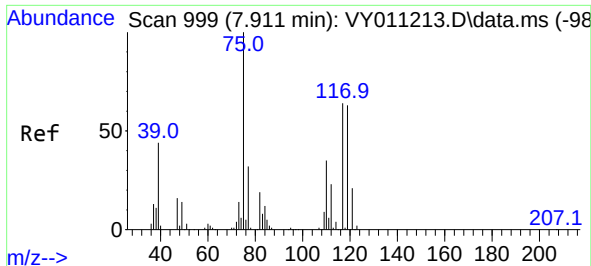
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 19.9 17.6 26.4

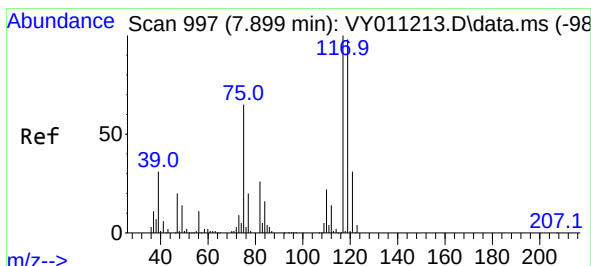
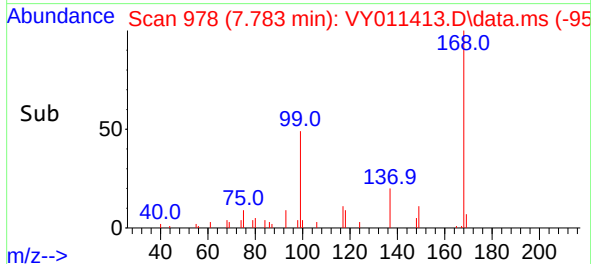
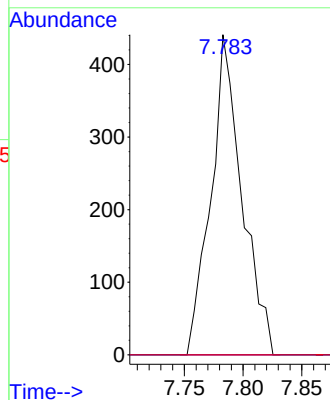
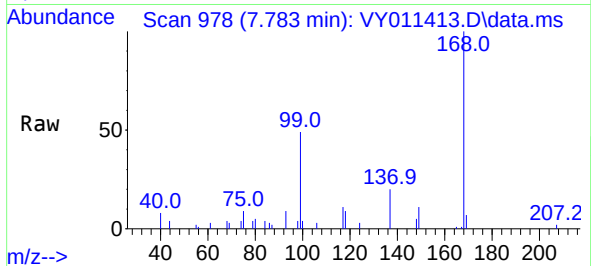




#36
1,1-Dichloropropene
Concen: 4.493 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

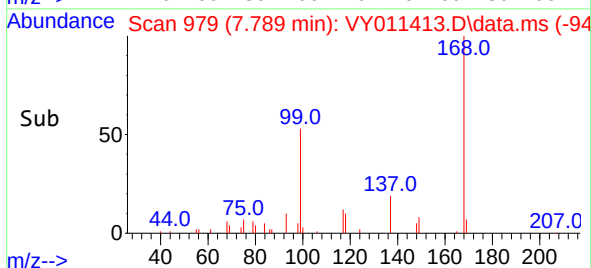
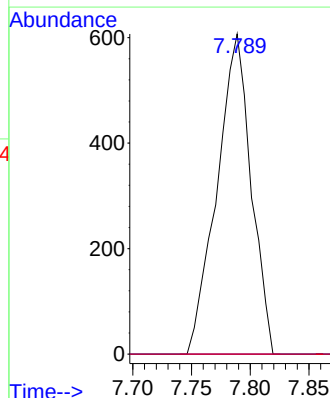
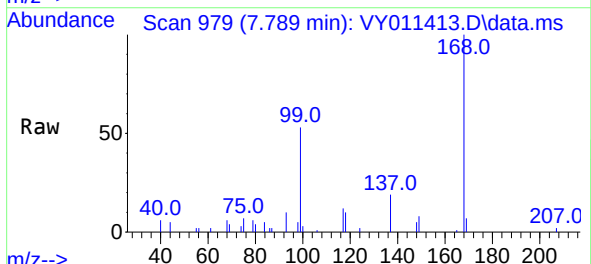
Instrument :
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SB-13

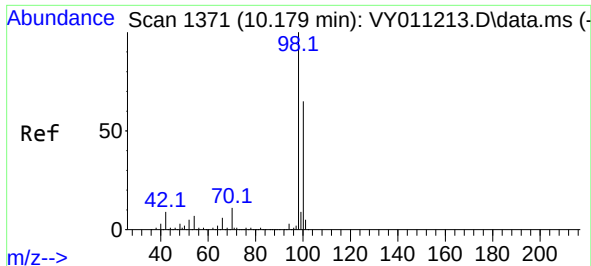
Tgt Ion: 75 Resp: 810
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

Tgt Ion: 117 Resp: 1225
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

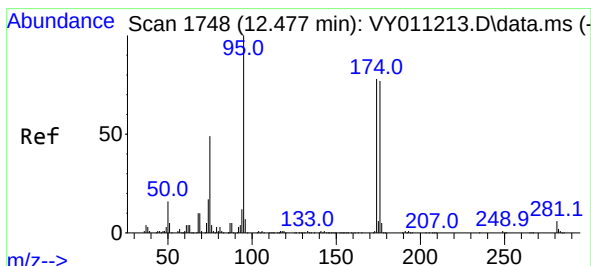
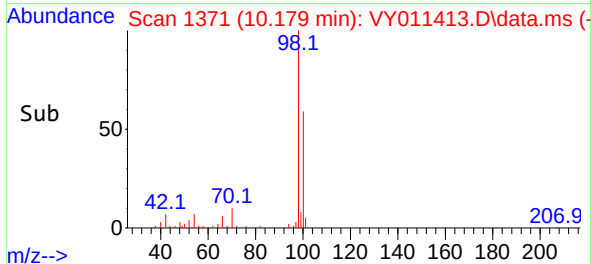
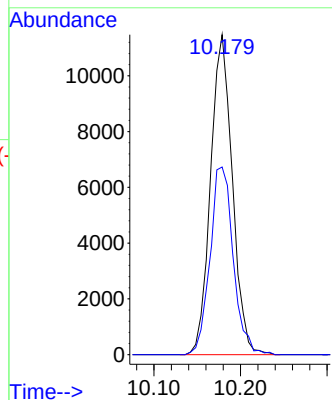
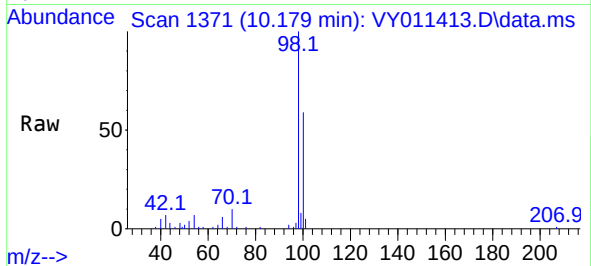




#50
Toluene-d8
Concen: 45.180 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

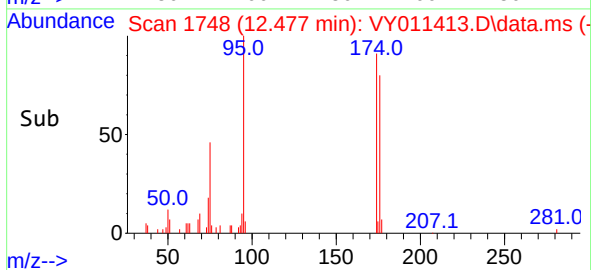
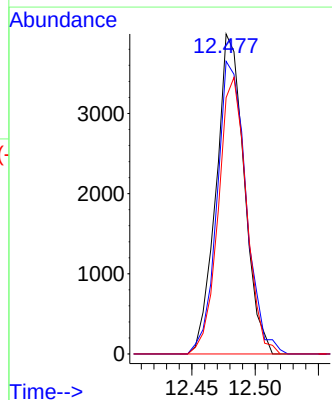
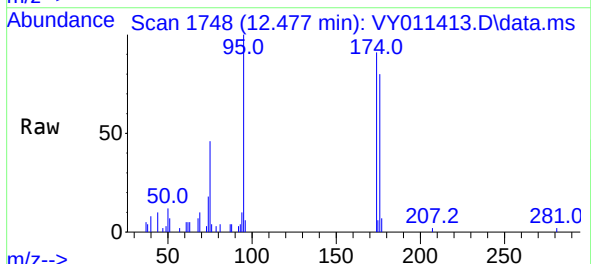
Instrument :
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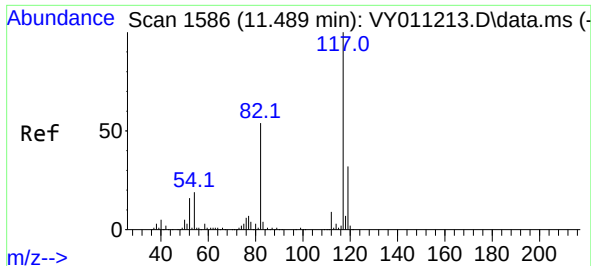
Tgt Ion: 98 Resp: 20048
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.710 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

Tgt Ion: 95 Resp: 6146
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 86.2 0.0 175.8

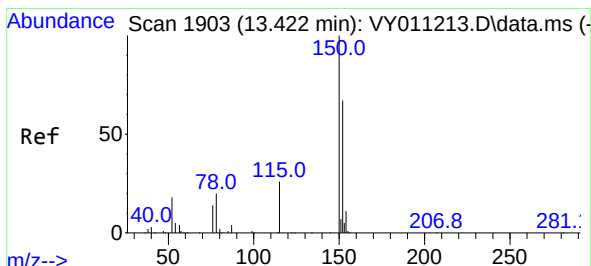
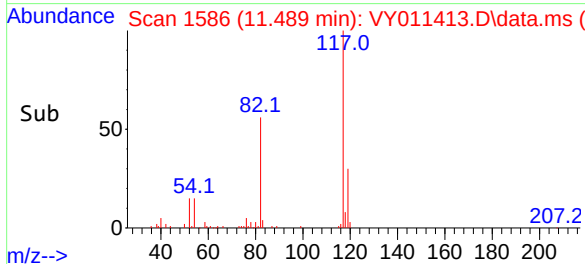
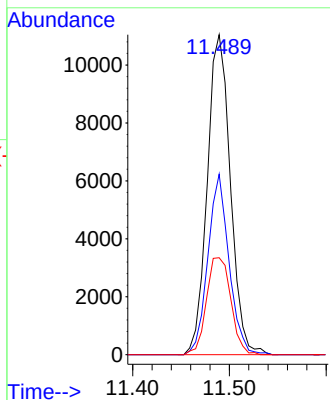
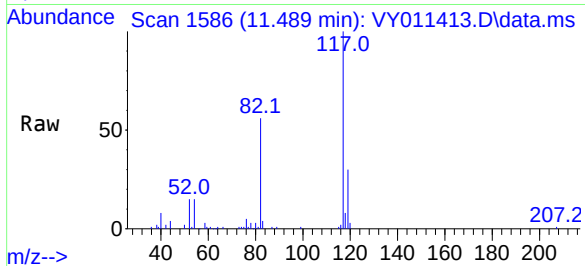




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

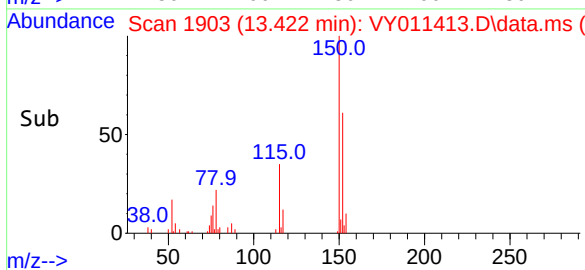
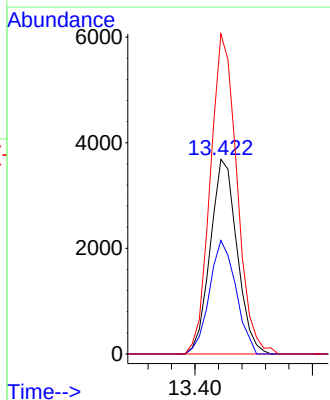
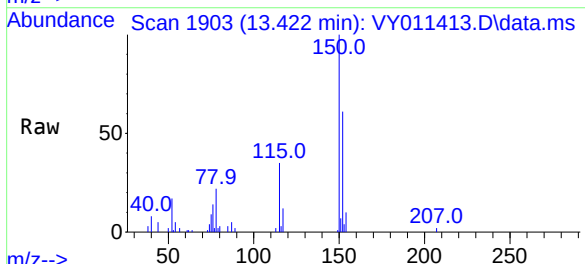
Instrument :
MSVOA_Y
ClientSampleId :
SB-13

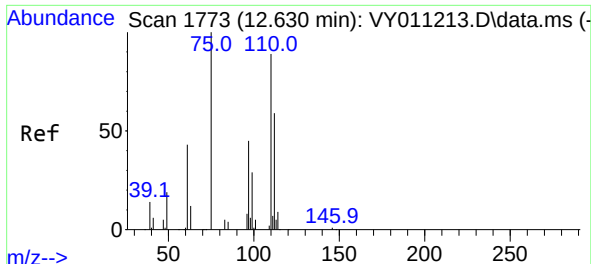
Tgt Ion:	117	Resp:	18363
Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.0	64.4
119	30.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

Tgt Ion:	152	Resp:	5831
Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.2	84.7
150	163.5	0.0	347.6

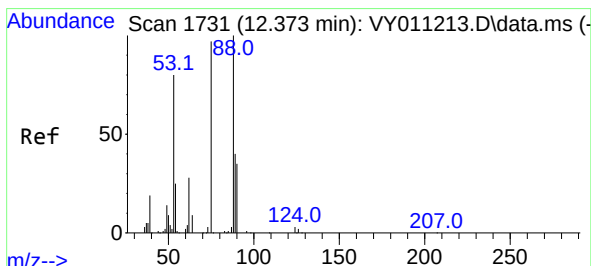
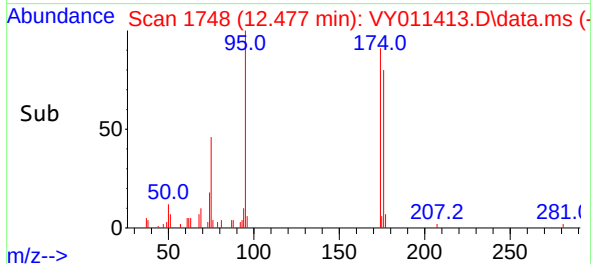
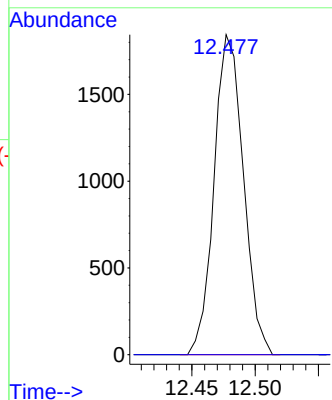
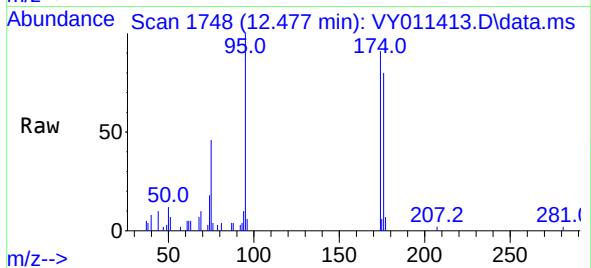




#76
1,2,3-Trichloropropane
Concen: 43.988 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

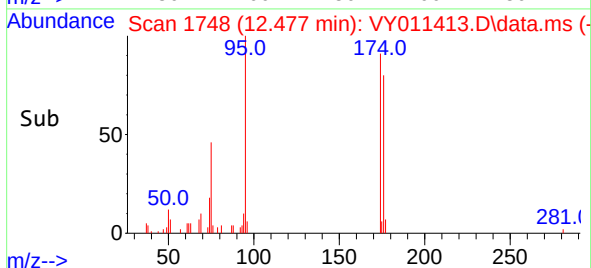
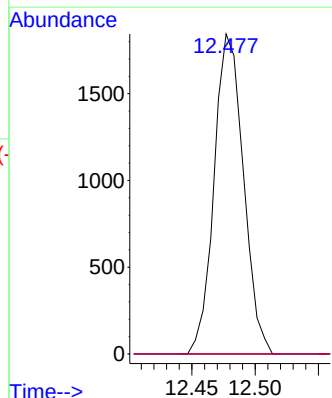
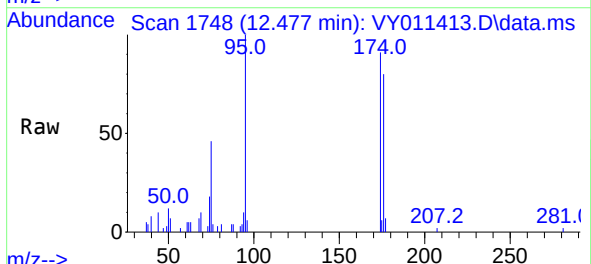
Instrument :
MSVOA_Y
ClientSampleId :
SB-13

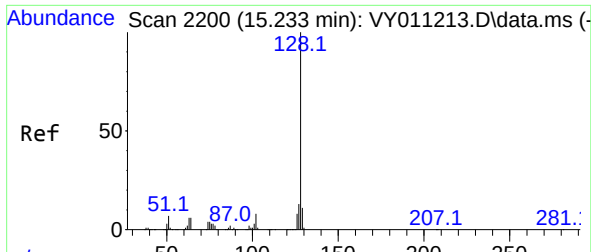
Tgt Ion: 75 Resp: 2969
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 105.734 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

Tgt Ion: 75 Resp: 2969
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.402 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :
SB-13

Tgt Ion:	128	Resp:	30
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

