

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011368.D
 Acq On : 08 Nov 2022 17:34
 Operator : KP/MD
 Sample : N5485-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 03:34:01 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)

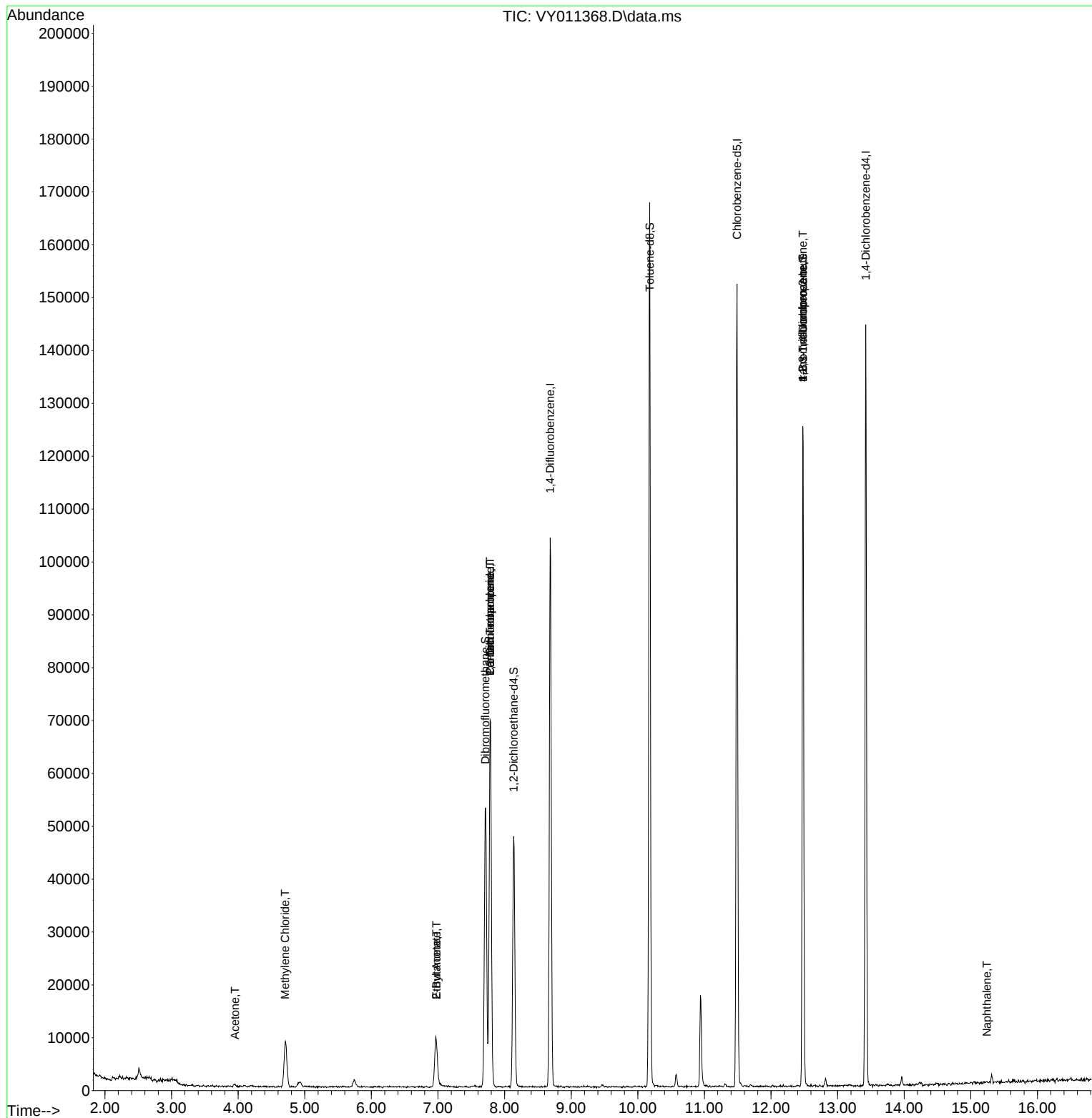
Internal Standards						
1) Pentafluorobenzene	7.783	168	57181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	94555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	88293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37897	61.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.940%	
35) Dibromofluoromethane	7.710	113	39202	64.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.060%	
50) Toluene-d8	10.179	98	112571	47.725	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.460%	
62) 4-Bromofluorobenzene	12.477	95	39607	48.369	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	511	Below Cal	#	77
16) Acetone	3.954	43	753	4.079	ug/l	100
20) Methylene Chloride	4.704	84	7005	4.725	ug/l #	76
25) 2-Butanone	6.978	43	631	2.429	ug/l #	54
36) 1,1-Dichloropropene	7.783	75	4178	4.211	ug/l #	49
37) Ethyl Acetate	6.978	43	631	1.180	ug/l #	12
38) Carbon Tetrachloride	7.783	117	5439	5.284	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	18926	39.364	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18926	84.244	ug/l #	7
95) Naphthalene	15.239	128	457	4.208	ug/l #	69

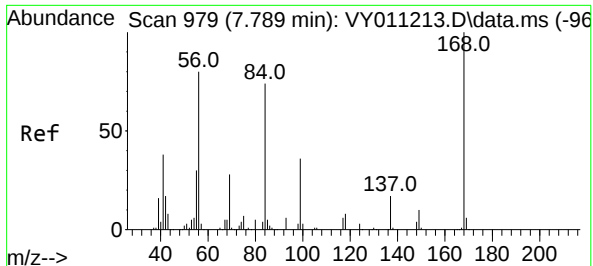
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

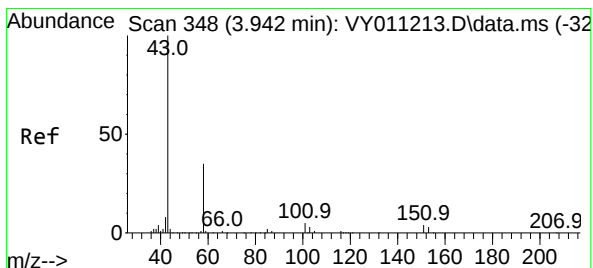
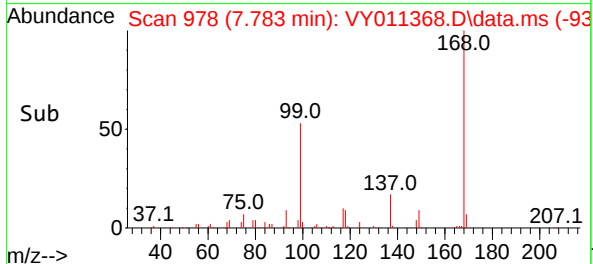
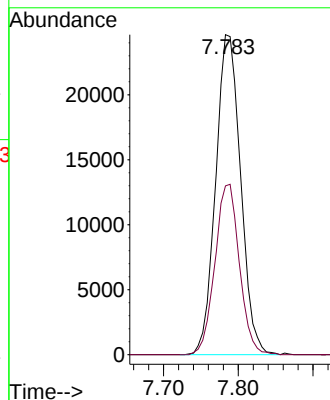
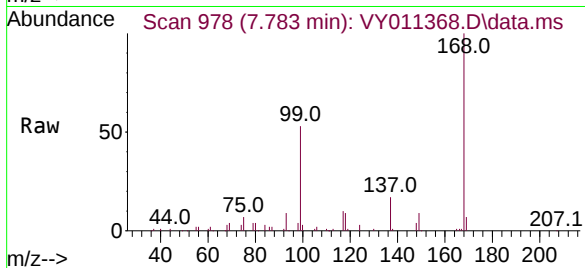




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

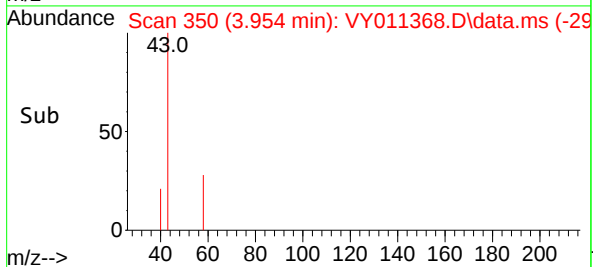
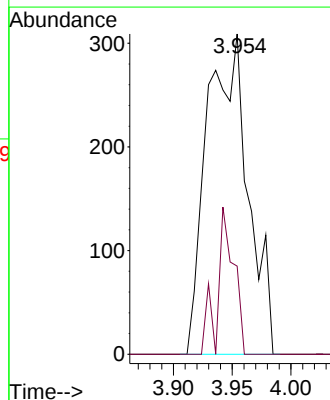
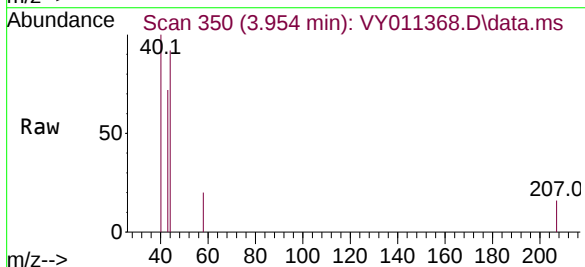
Instrument :
MSVOA_Y
ClientSampleId :

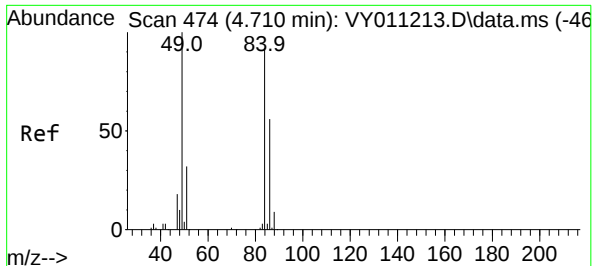
Tgt Ion:168 Resp: 57181
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#16
Acetone
Concen: 4.079 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

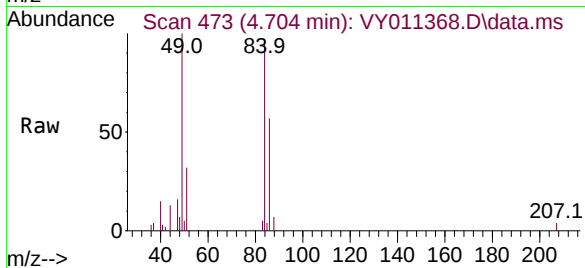
Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
58 27.5 22.0 33.0



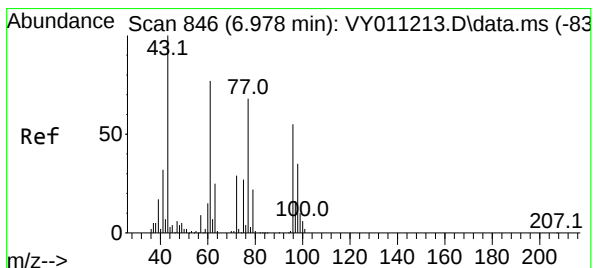
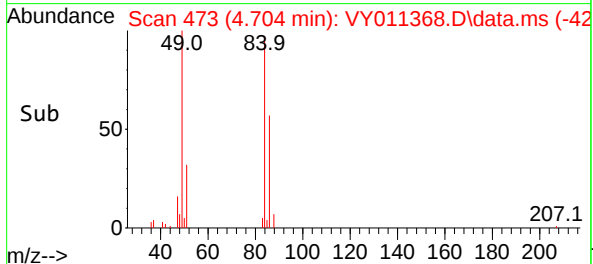
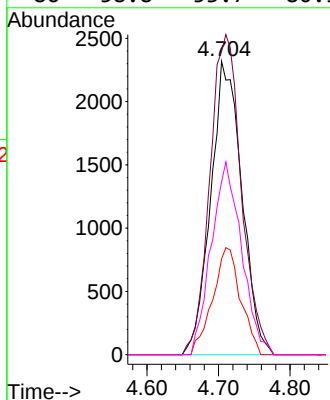


#20
Methylene Chloride
Concen: 4.725 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

Instrument :
MSVOA_Y
ClientSampleId :

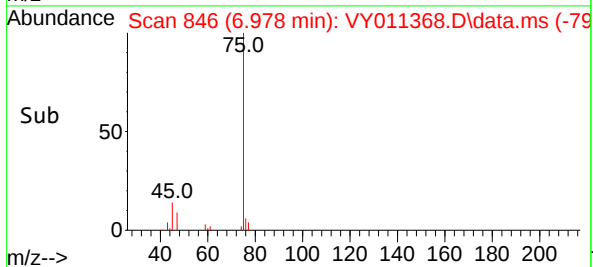
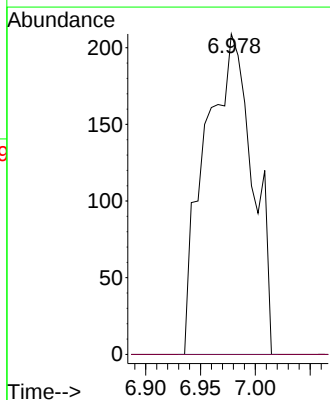
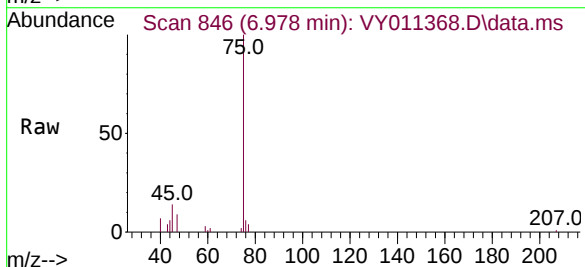


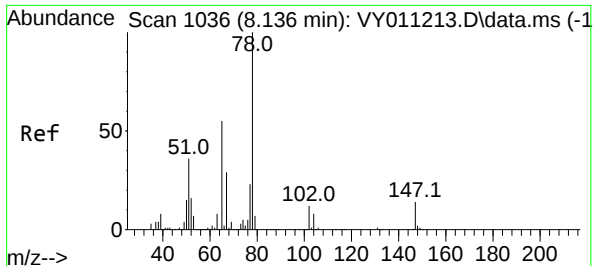
Tgt Ion: 84 Resp: 7005
Ion Ratio Lower Upper
84 100
49 103.4 114.4 171.6#
51 32.6 35.3 52.9#
86 58.8 53.7 80.5



#25
2-Butanone
Concen: 2.429 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 61.968 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011368.D

Acq: 08 Nov 2022 17:34

Instrument :

MSVOA_Y

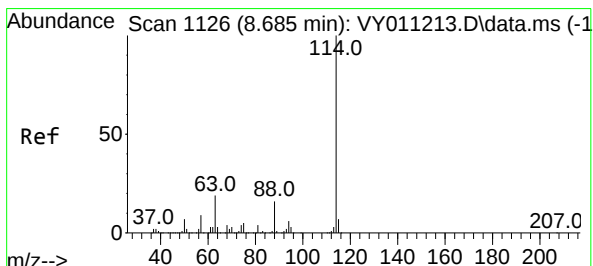
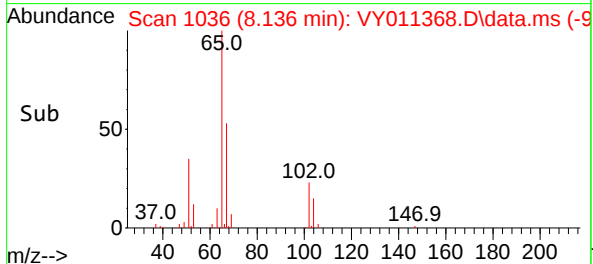
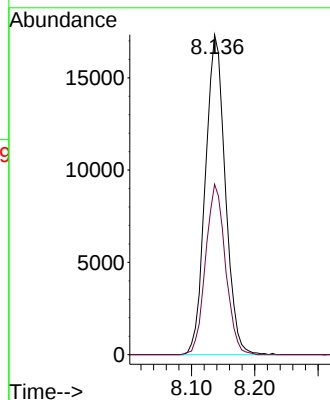
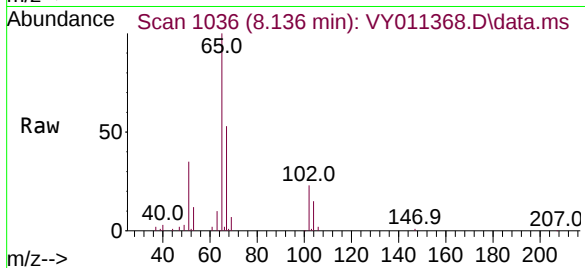
ClientSampleId :

Tgt Ion: 65 Resp: 37897

Ion Ratio Lower Upper

65 100

67 53.3 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: VY011368.D

Acq: 08 Nov 2022 17:34

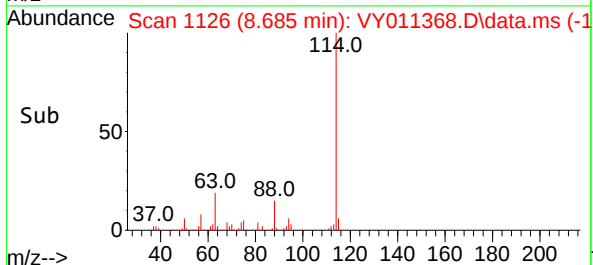
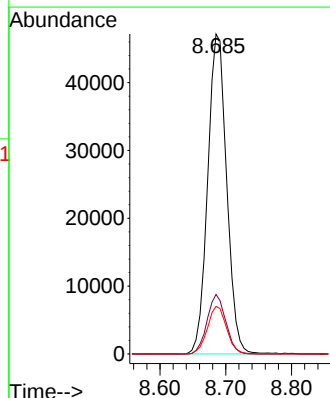
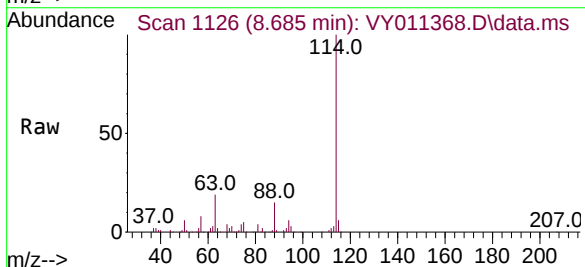
Tgt Ion: 114 Resp: 94555

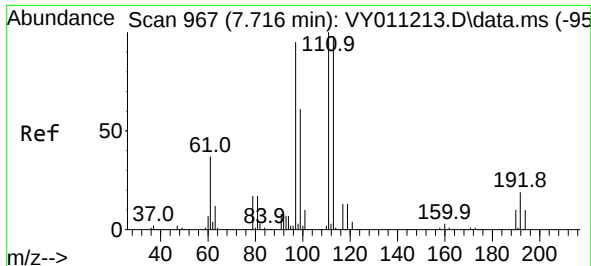
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.9 0.0 31.8

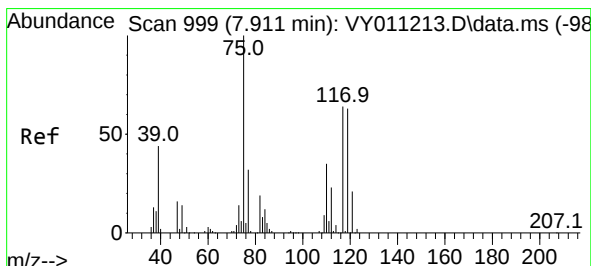
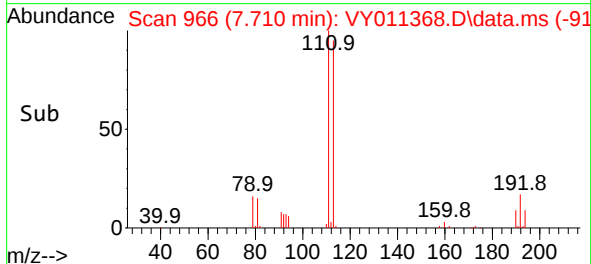
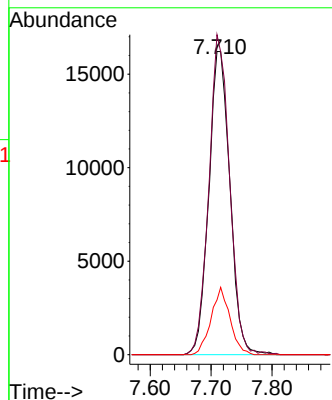
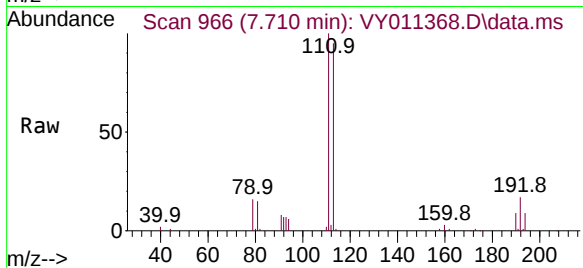




#35
Dibromofluoromethane
Concen: 64.529 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

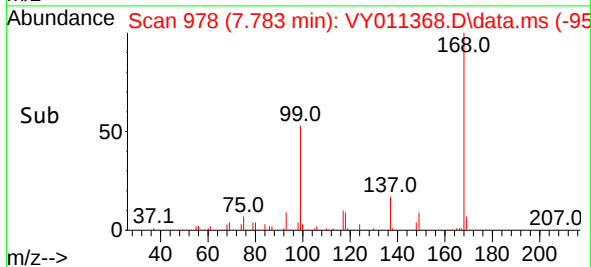
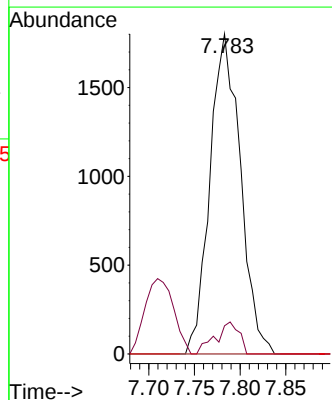
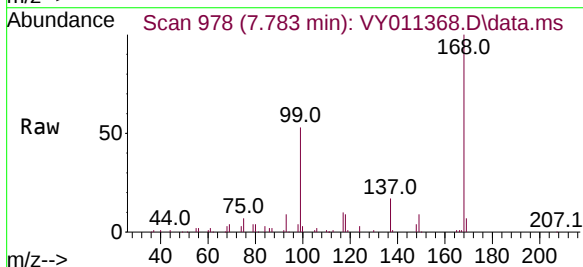
Instrument :
MSVOA_Y
ClientSampleId :

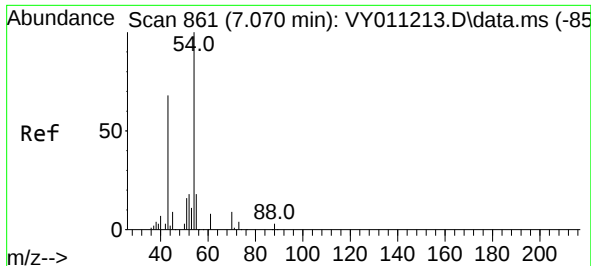
Tgt Ion:113 Resp: 39202
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.211 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

Tgt Ion: 75 Resp: 4178
Ion Ratio Lower Upper
75 100
110 7.8 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.180 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

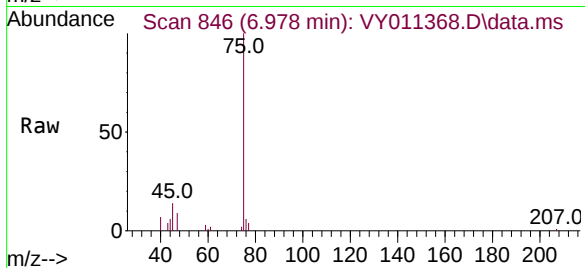
Lab File: VY011368.D

Acq: 08 Nov 2022 17:34

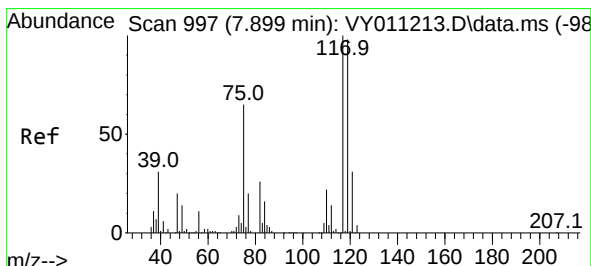
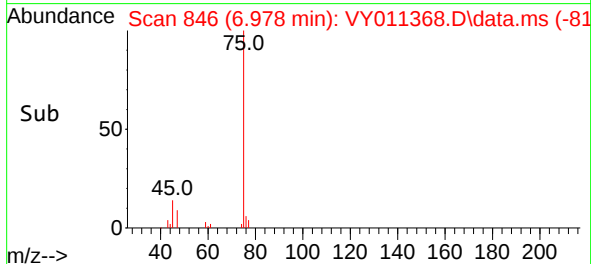
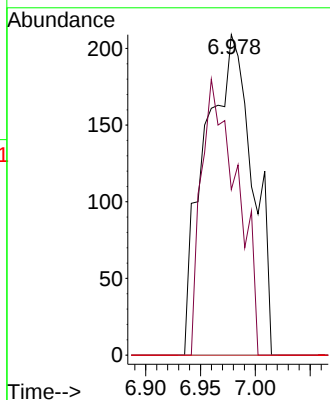
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	631
Ion	Ratio	Lower	Upper
43	100		
61	64.7	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.284 ug/l

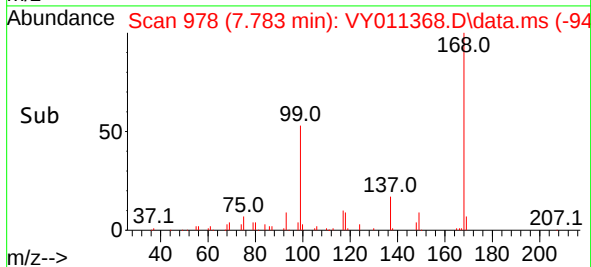
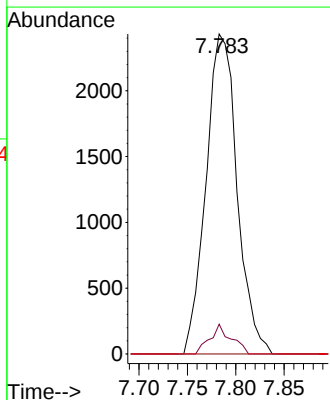
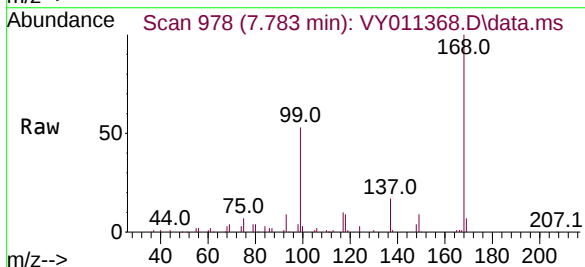
RT: 7.783 min Scan# 978

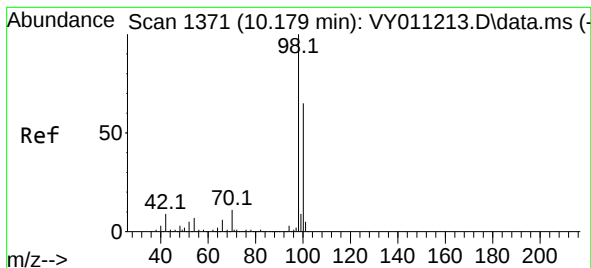
Delta R.T. -0.116 min

Lab File: VY011368.D

Acq: 08 Nov 2022 17:34

Tgt Ion:	117	Resp:	5439
Ion	Ratio	Lower	Upper
117	100		
119	9.3	77.9	116.9#
121	0.0	24.8	37.2#

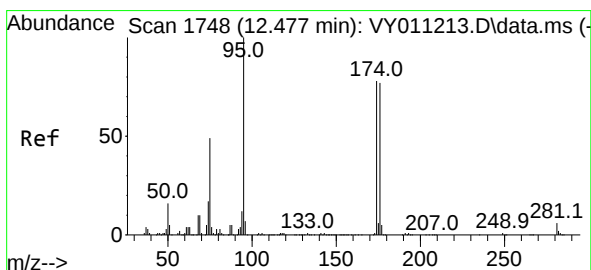
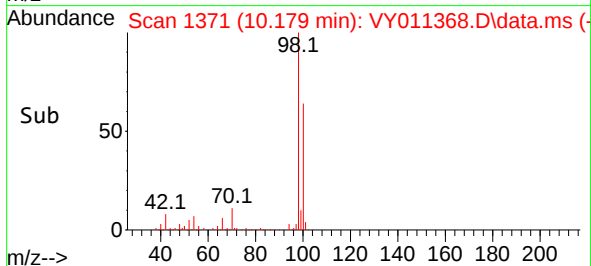
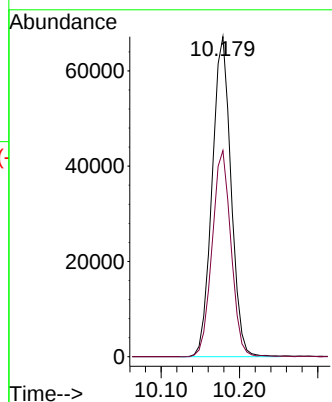
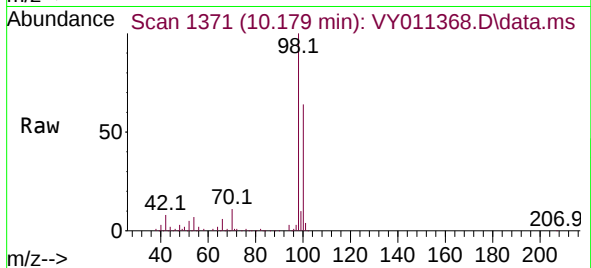




#50
Toluene-d8
Concen: 47.725 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

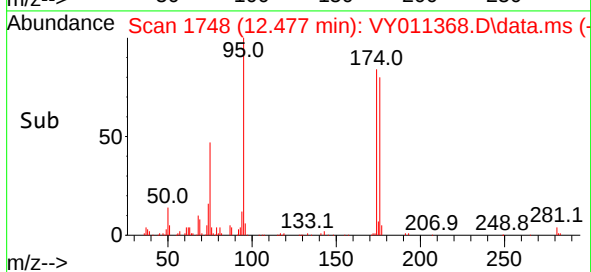
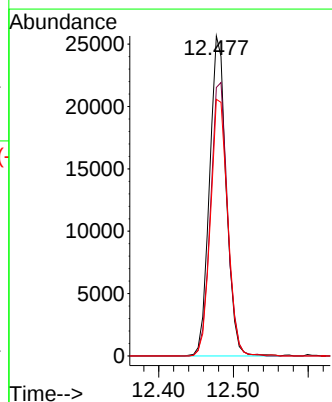
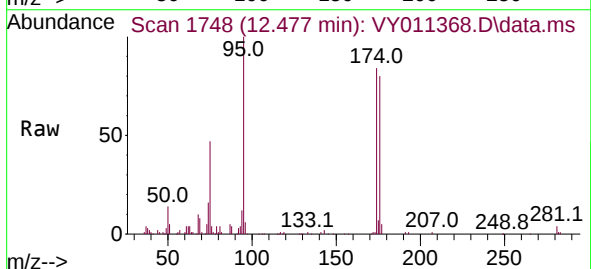
Instrument :
MSVOA_Y
ClientSampleId :

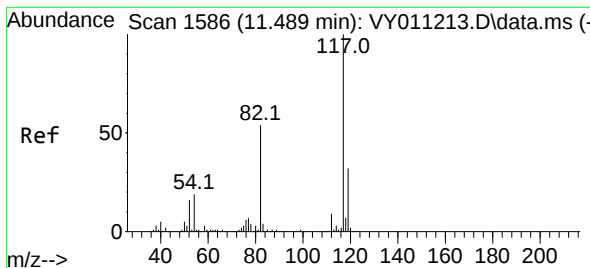
Tgt Ion: 98 Resp: 112571
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.369 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

Tgt Ion: 95 Resp: 39607
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 83.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011368.D

Acq: 08 Nov 2022 17:34

Instrument :

MSVOA_Y

ClientSampleId :

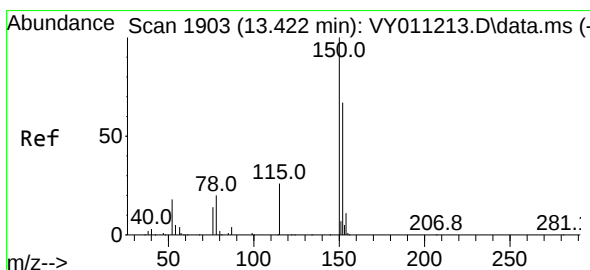
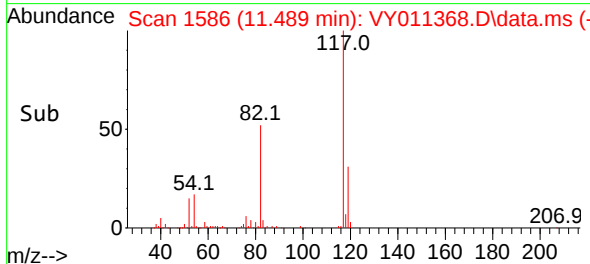
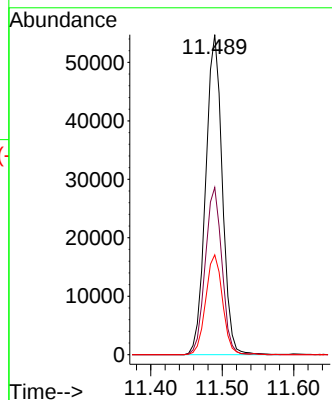
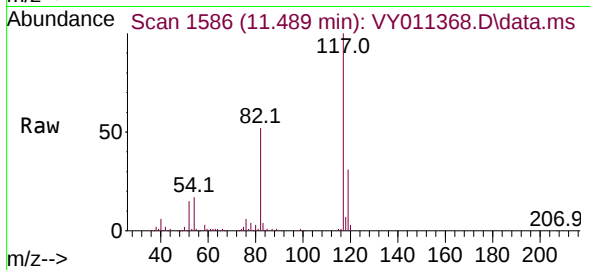
Tgt Ion:117 Resp: 88293

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 31.2 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: VY011368.D

Acq: 08 Nov 2022 17:34

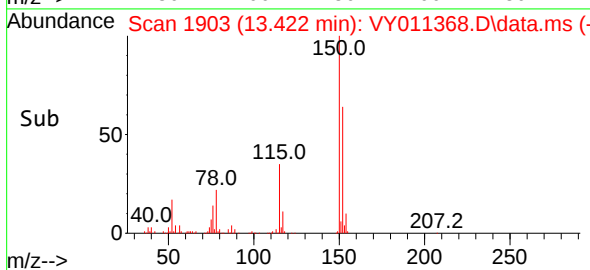
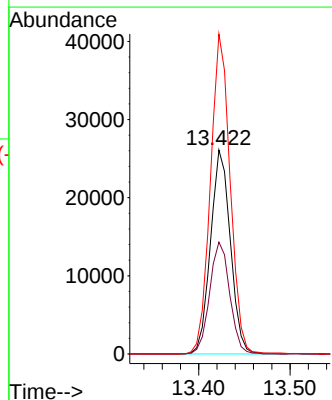
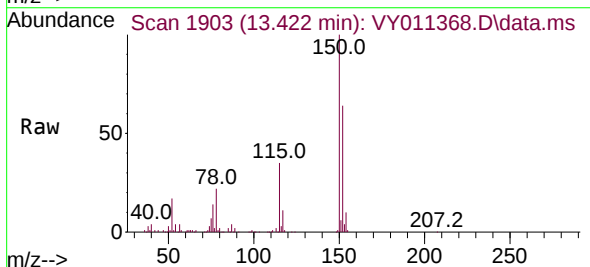
Tgt Ion:152 Resp: 39493

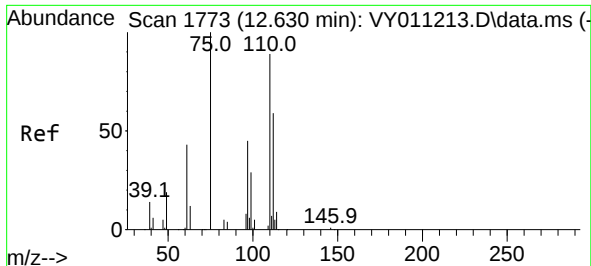
Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

150 155.2 0.0 347.6

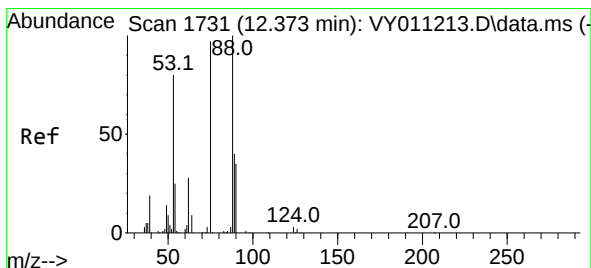
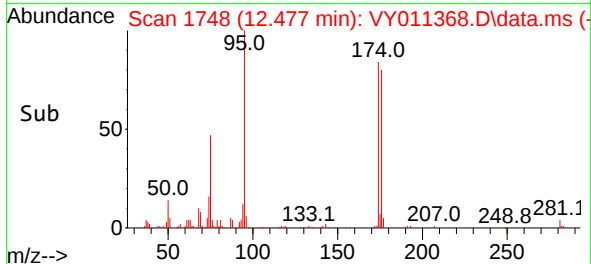
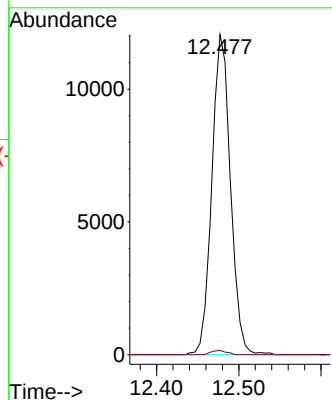
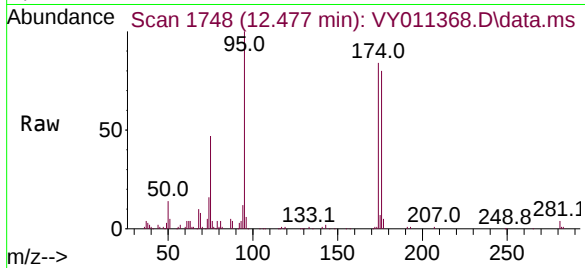




#76
1,2,3-Trichloropropane
Concen: 39.364 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

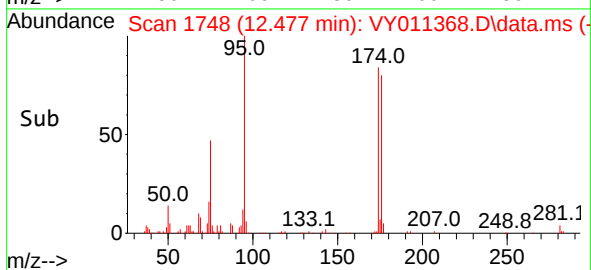
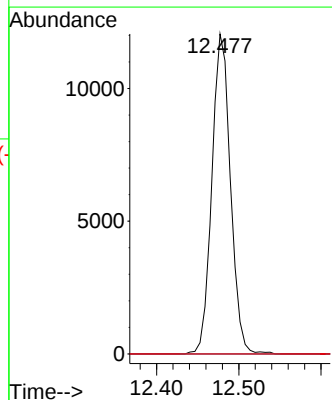
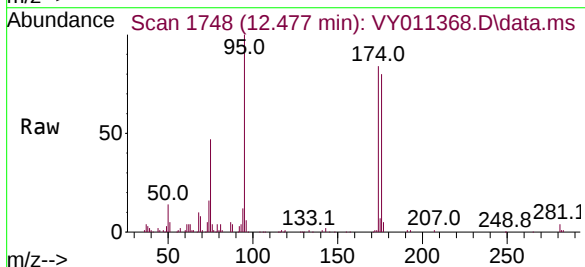
Instrument :
MSVOA_Y
ClientSampleId :

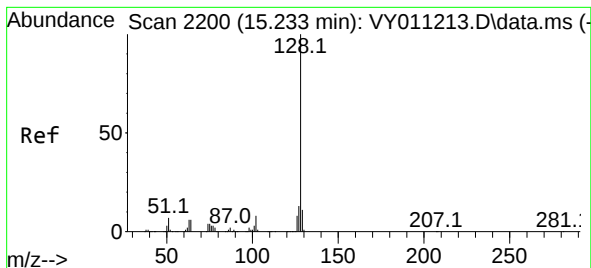
Tgt Ion: 75 Resp: 18926
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.244 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

Tgt Ion: 75 Resp: 18926
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.208 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

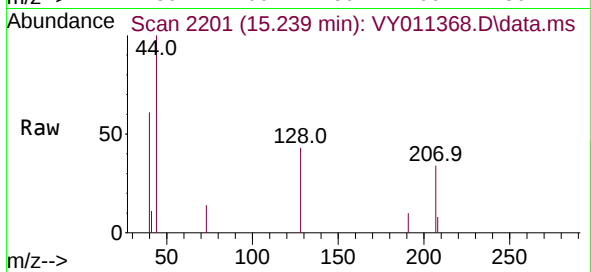
Lab File: VY011368.D

Acq: 08 Nov 2022 17:34

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 457

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

