

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011258.D
 Acq On : 02 Nov 2022 13:33
 Operator : KP/MD
 Sample : N5195-01
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1-103122

Quant Time: Nov 03 05:15:04 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)

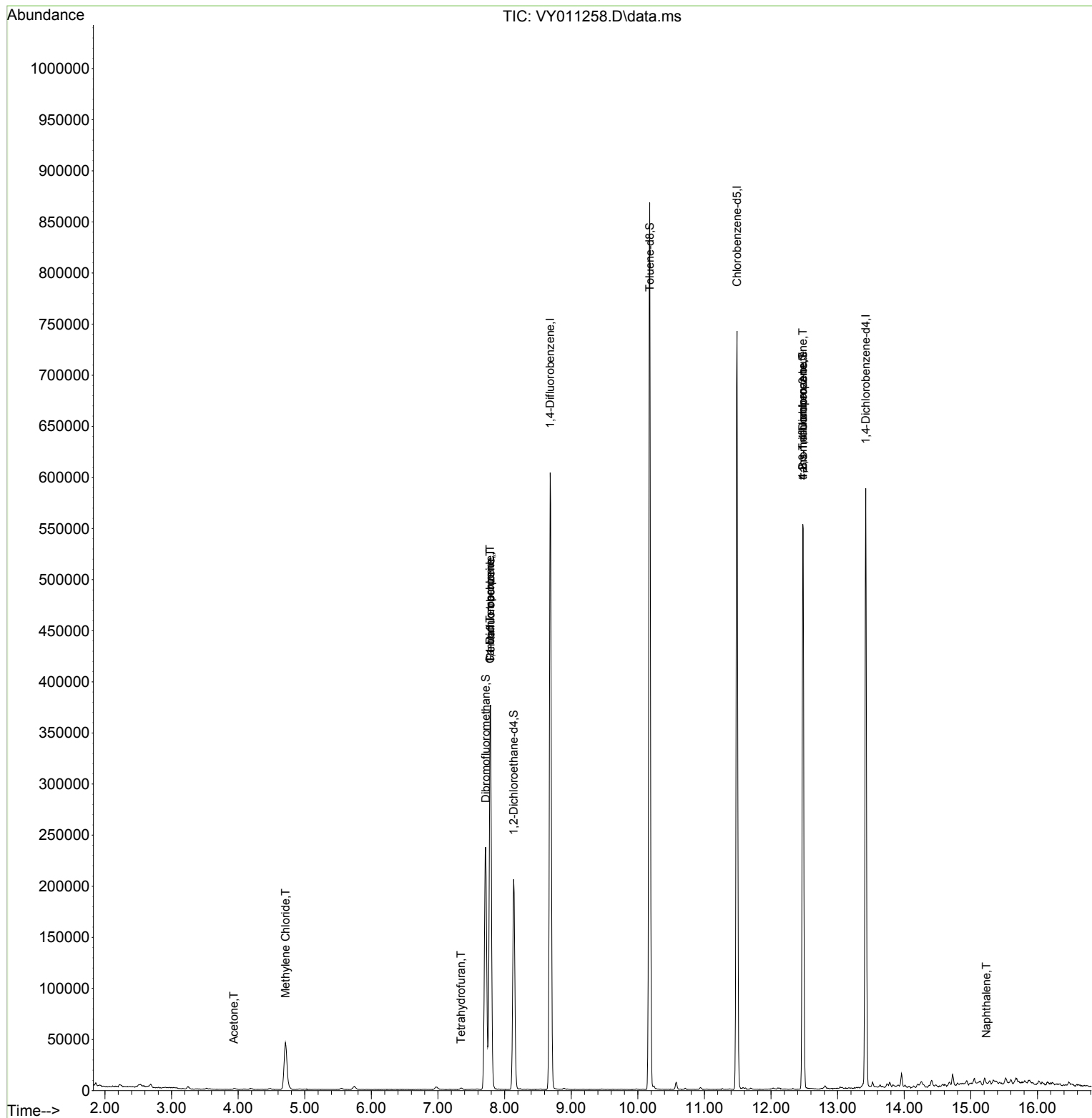
Internal Standards						
1) Pentafluorobenzene	7.789	168	300796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	530311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	416980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159172	49.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.716	113	176242	51.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.460%
50) Toluene-d8	10.179	98	580191	43.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.720%
62) 4-Bromofluorobenzene	12.477	95	175732	38.265	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.520%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	109	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	686	Below Cal	#	77
16) Acetone	3.936	43	1714	1.765	ug/l #	74
20) Methylene Chloride	4.710	84	37166	4.814	ug/l #	80
29) Tetrahydrofuran	7.344	42	1015	1.276	ug/l #	89
36) 1,1-Dichloropropene	7.783	75	21900	3.936	ug/l #	50
38) Carbon Tetrachloride	7.783	117	29316	5.078	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	84984	45.630	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	84984	97.654	ug/l #	7
95) Naphthalene	15.233	128	815	4.079	ug/l #	88

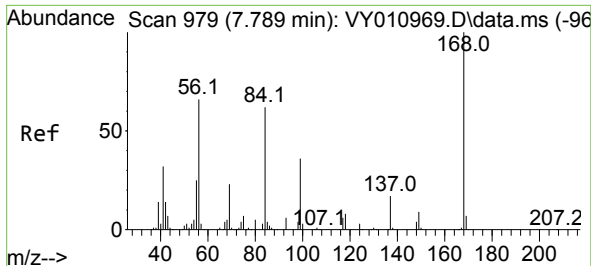
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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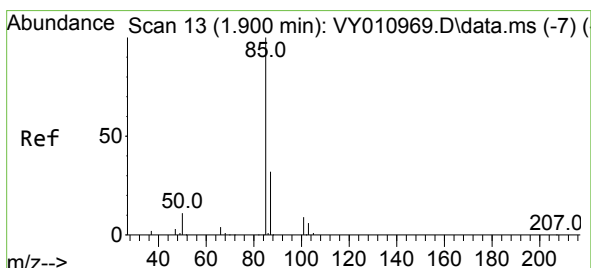
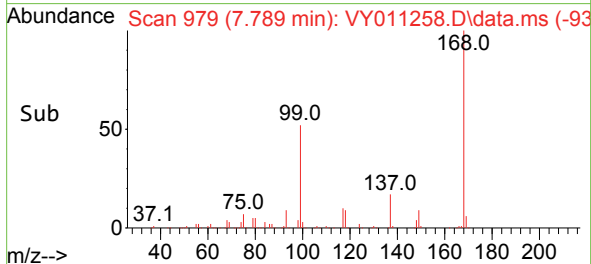
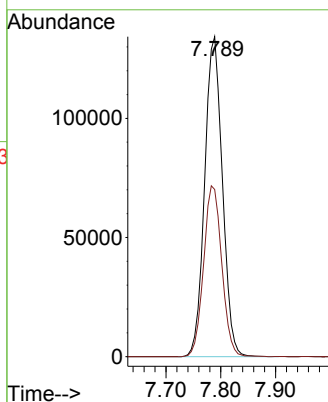
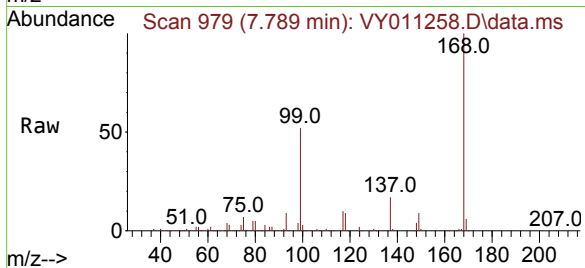




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

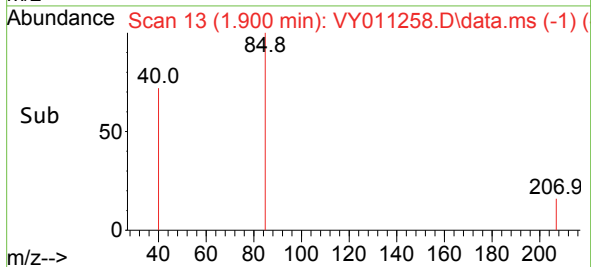
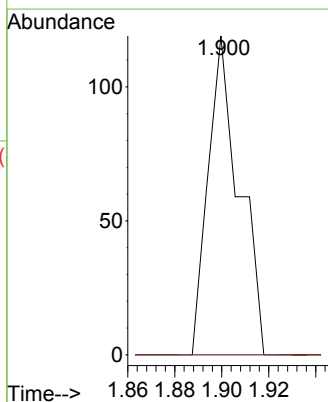
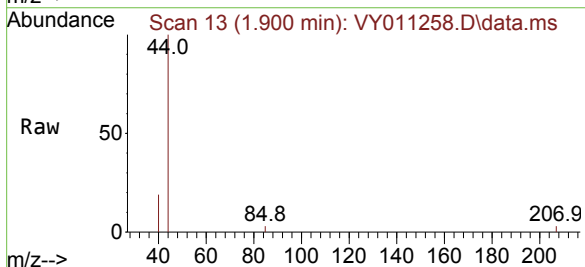
Instrument :
MSVOA_Y
ClientSampleId :
S-1-103122

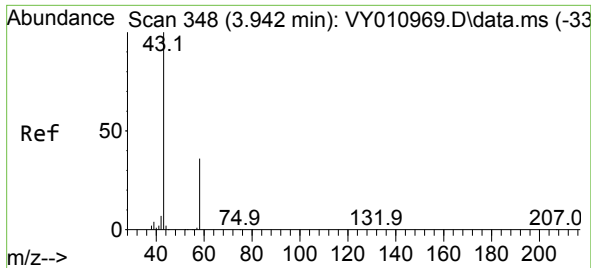
Tgt Ion:168 Resp: 300796
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

Tgt Ion: 85 Resp: 109
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 1.765 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY011258.D

Acq: 02 Nov 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

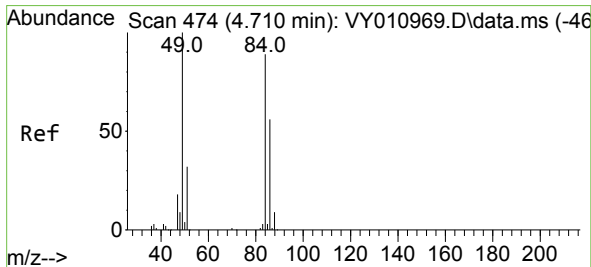
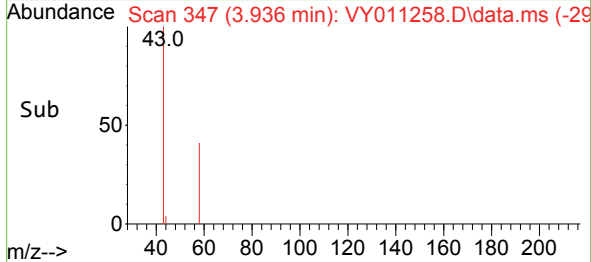
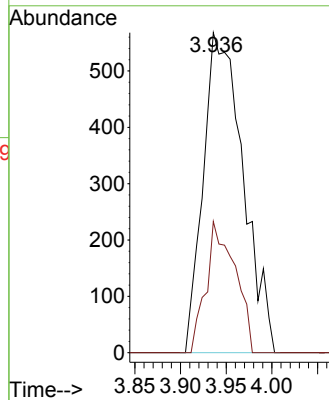
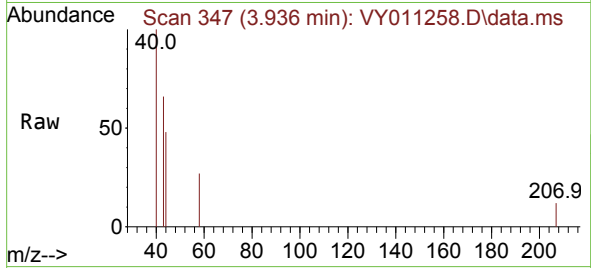
S-1-103122

Tgt Ion: 43 Resp: 1714

Ion Ratio Lower Upper

43 100

58 41.0 22.0 33.0#



#20

Methylene Chloride

Concen: 4.814 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011258.D

Acq: 02 Nov 2022 13:33

Tgt Ion: 84 Resp: 37166

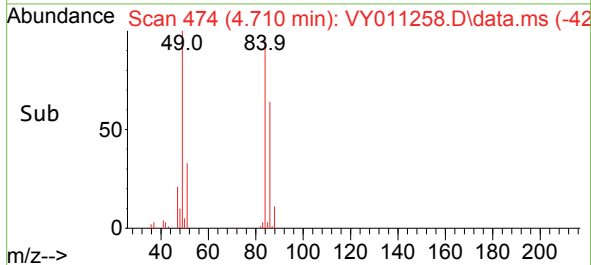
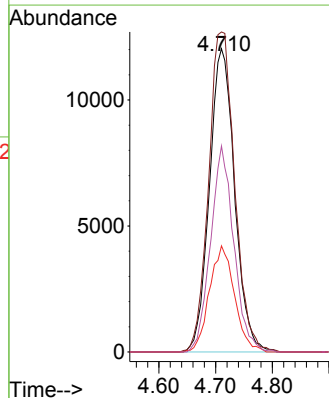
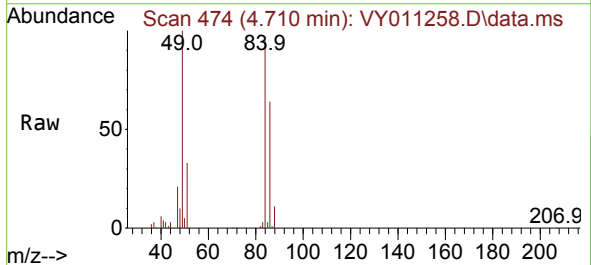
Ion Ratio Lower Upper

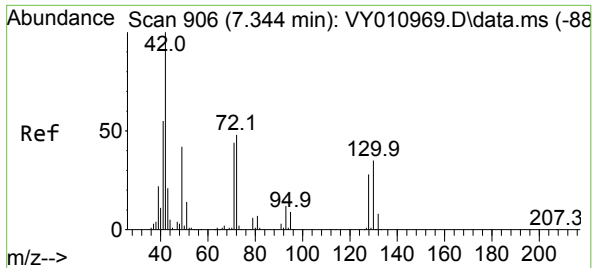
84 100

49 105.5 114.4 171.6#

51 35.0 35.3 52.9#

86 67.9 53.7 80.5

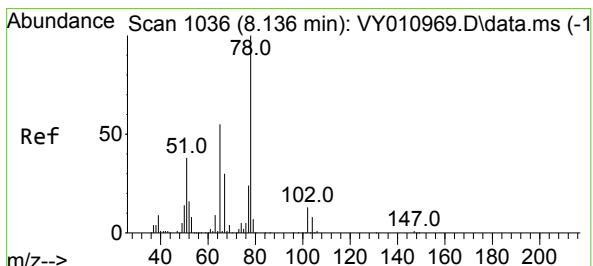
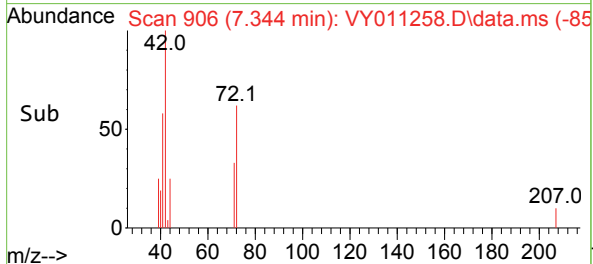
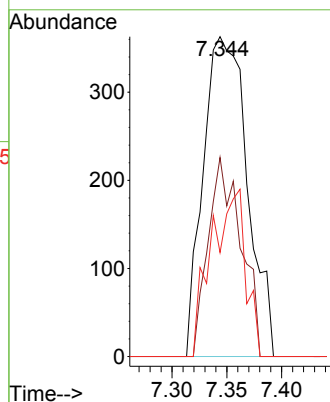
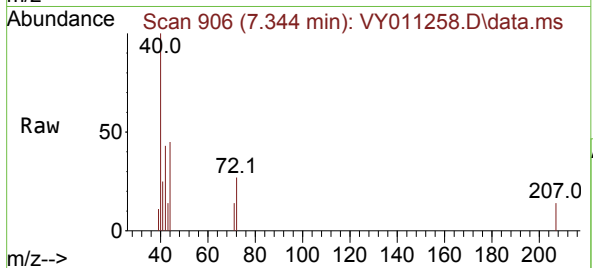




#29
Tetrahydrofuran
Concen: 1.276 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

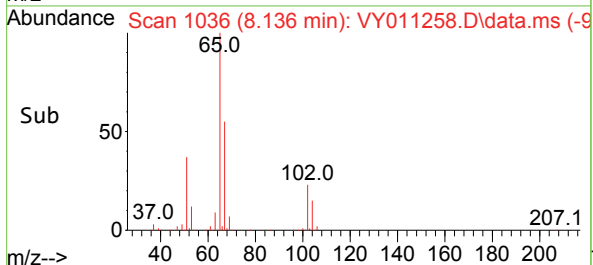
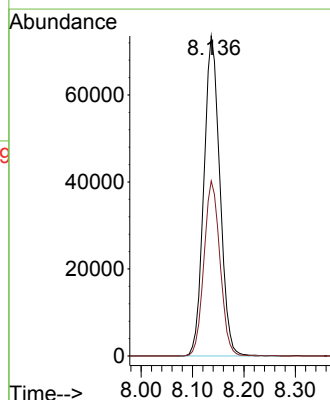
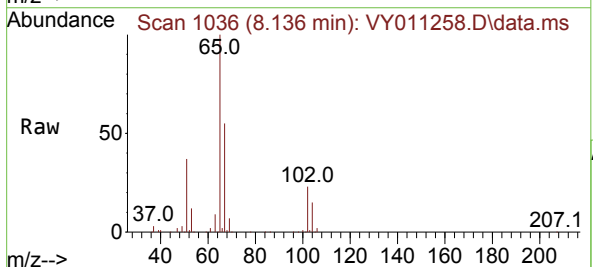
Instrument :
MSVOA_Y
ClientSampleId :
S-1-103122

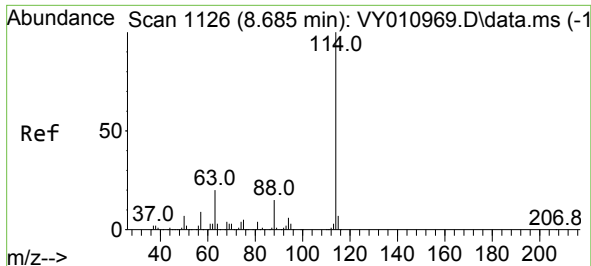
Tgt Ion: 42 Resp: 1015
Ion Ratio Lower Upper
42 100
72 46.4 30.3 45.5#
71 40.7 29.0 43.4



#33
1,2-Dichloroethane-d4
Concen: 49.478 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

Tgt Ion: 65 Resp: 159172
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4

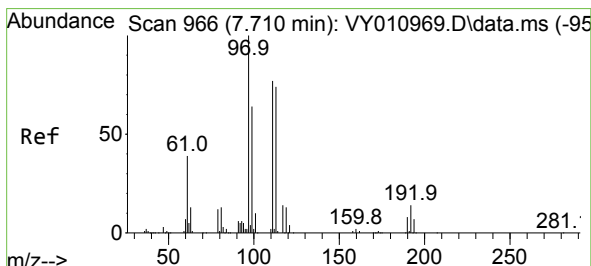
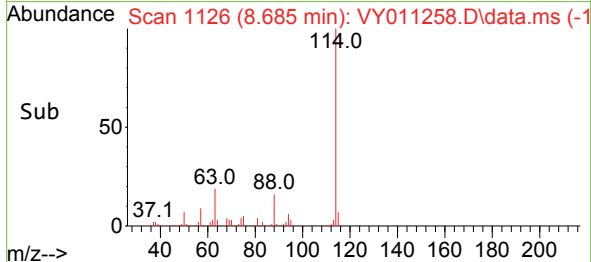
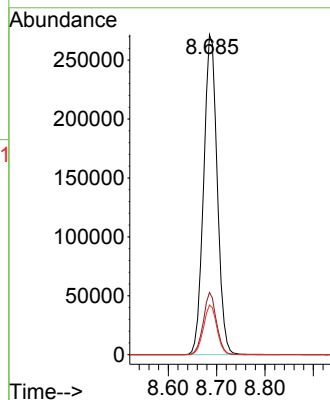
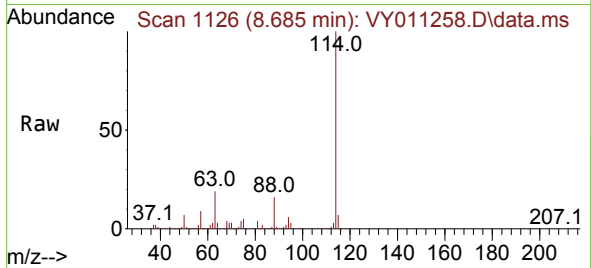




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

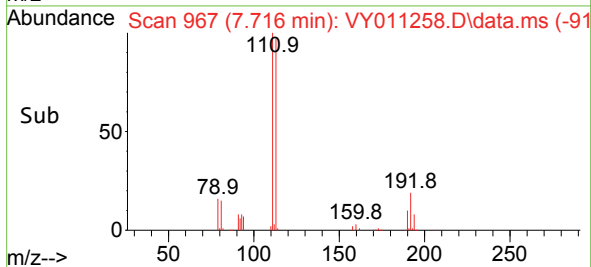
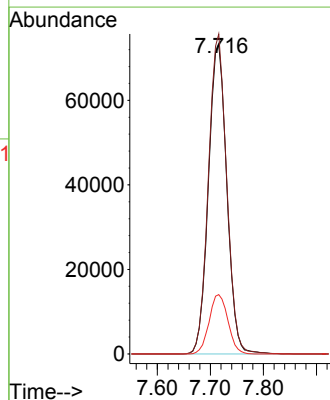
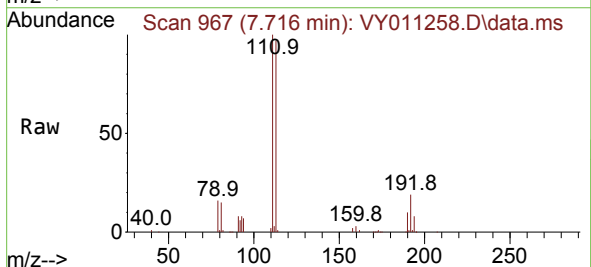
Instrument :
MSVOA_Y
ClientSampleId :
S-1-103122

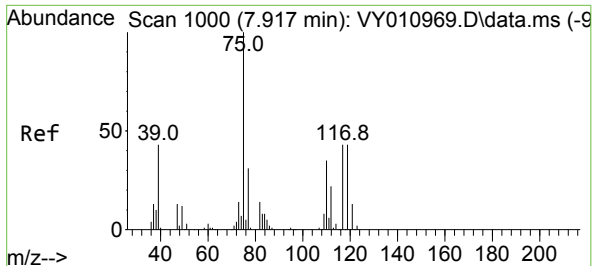
Tgt Ion:114 Resp: 530311
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.726 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

Tgt Ion:113 Resp: 176242
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.6 17.6 26.4

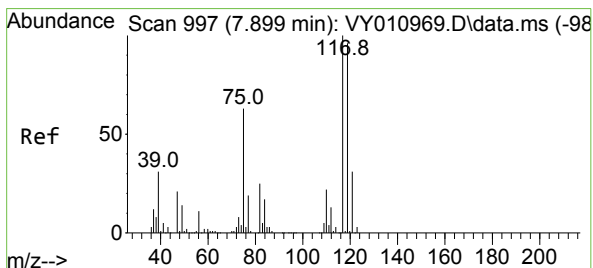
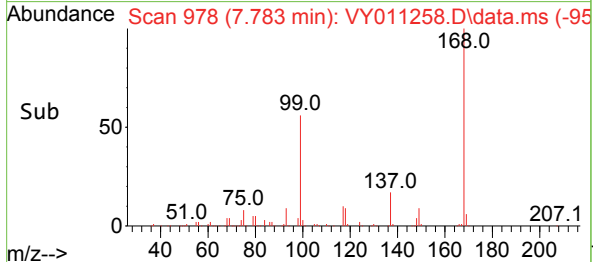
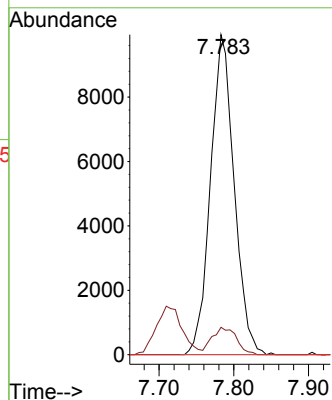
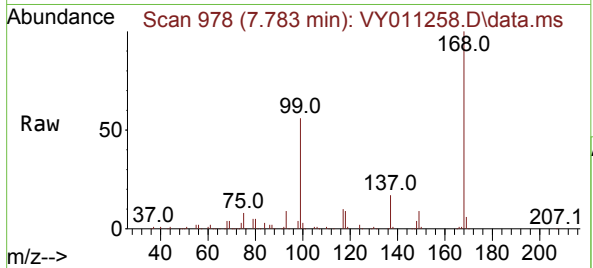




#36
1,1-Dichloropropene
Concen: 3.936 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

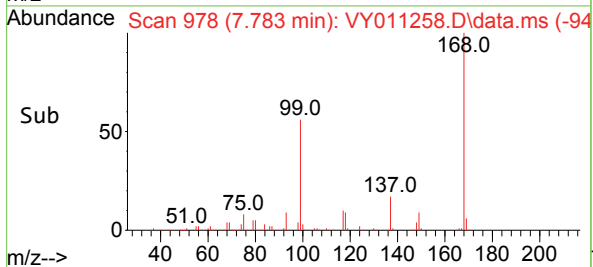
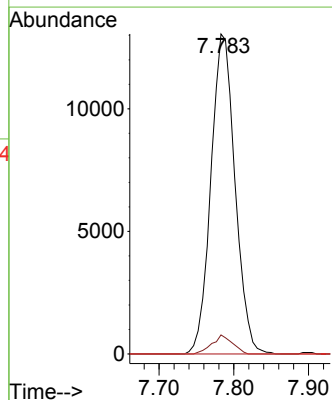
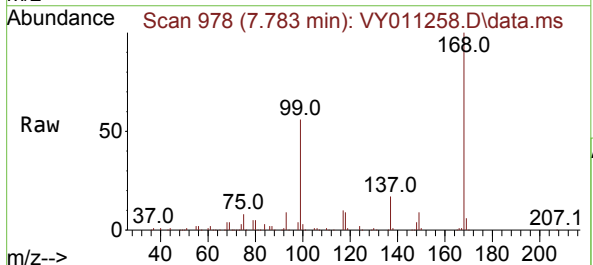
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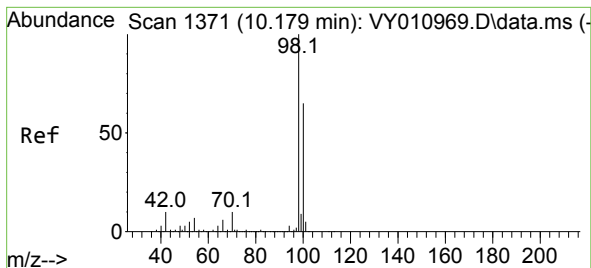
Tgt Ion: 75 Resp: 21900
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.078 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

Tgt Ion: 117 Resp: 29316
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

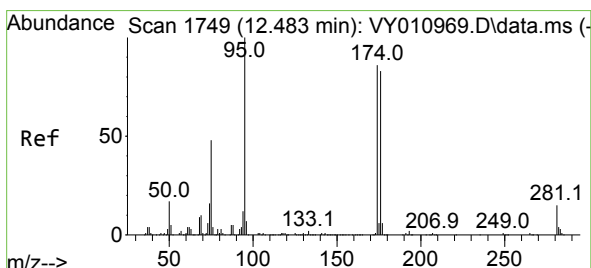
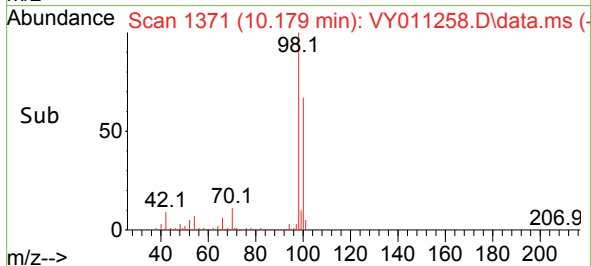
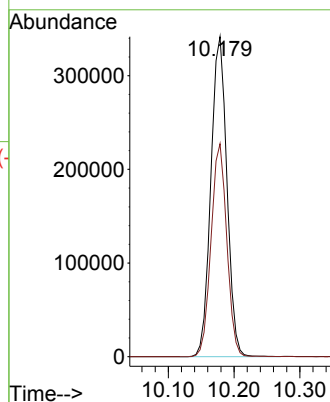
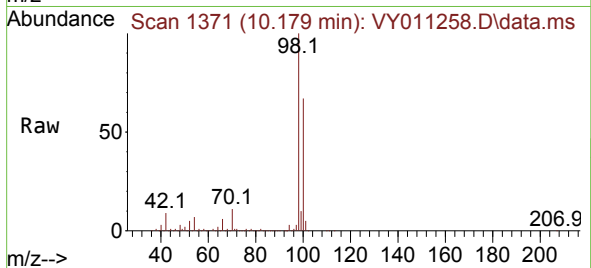




#50
Toluene-d8
Concen: 43.858 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

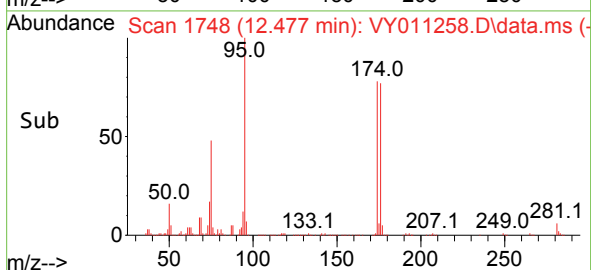
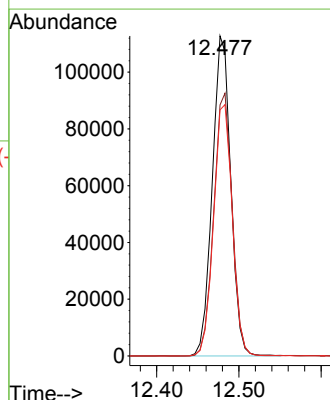
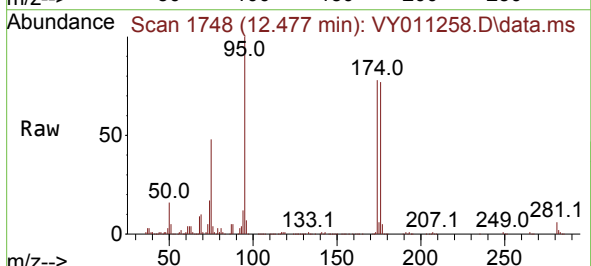
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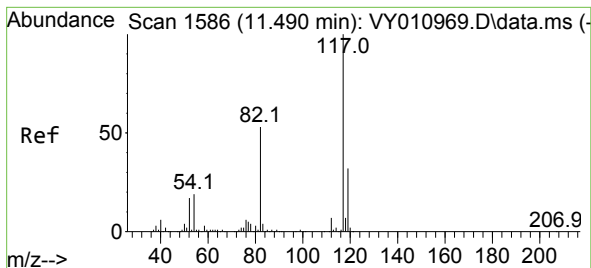
Tgt Ion: 98 Resp: 580191
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.265 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

Tgt Ion: 95 Resp: 175732
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 79.8 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: VY011258.D

Acq: 02 Nov 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

S-1-103122

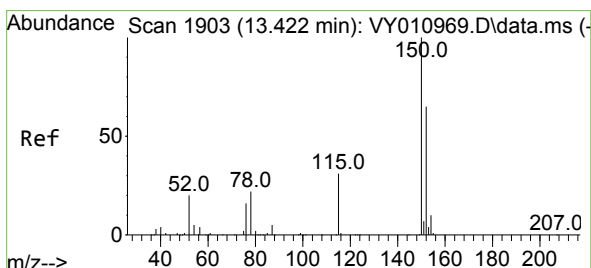
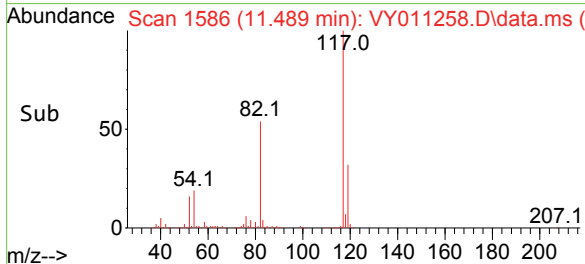
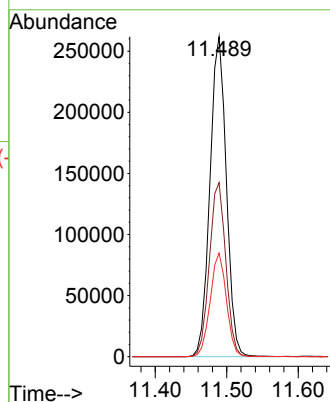
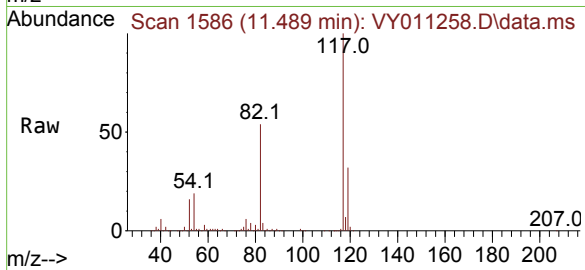
Tgt Ion:117 Resp: 416980

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.4

119 32.4 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: VY011258.D

Acq: 02 Nov 2022 13:33

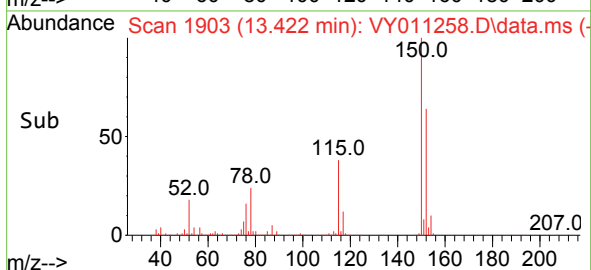
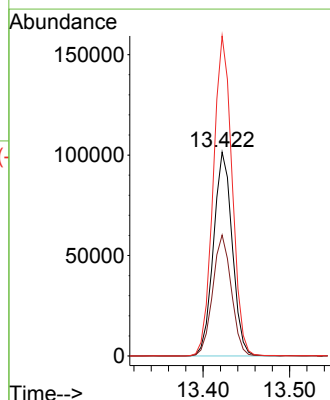
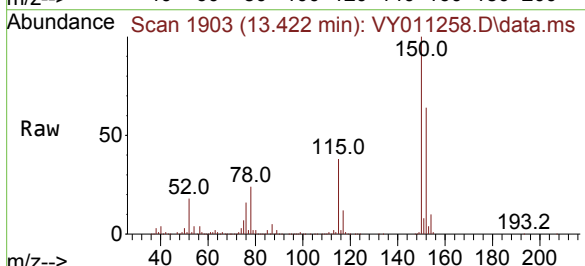
Tgt Ion:152 Resp: 152985

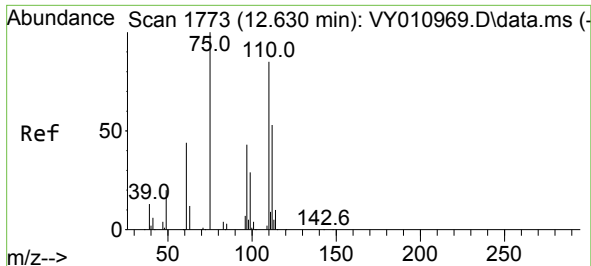
Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 157.5 0.0 347.6

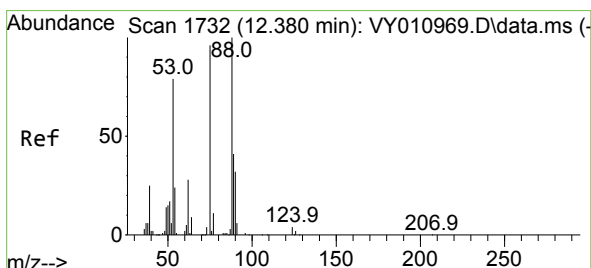
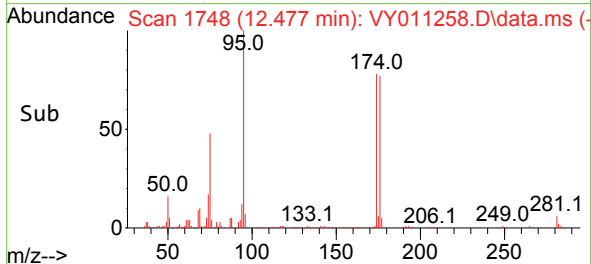
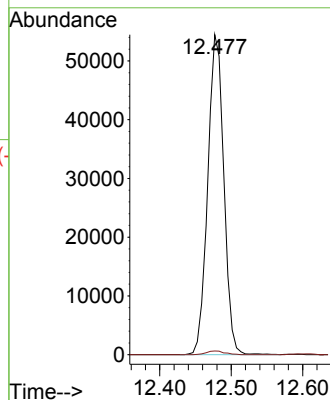
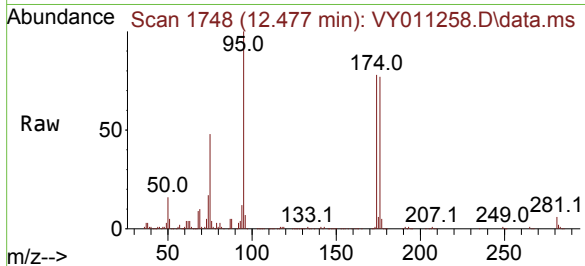




#76
1,2,3-Trichloropropane
Concen: 45.630 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

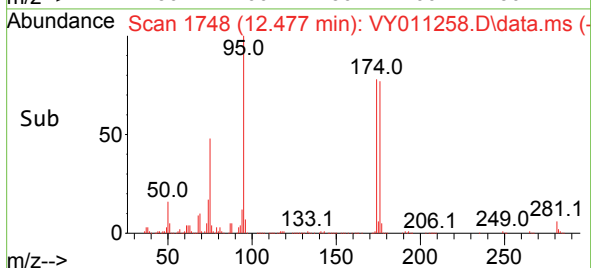
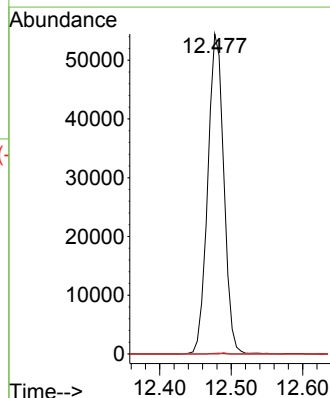
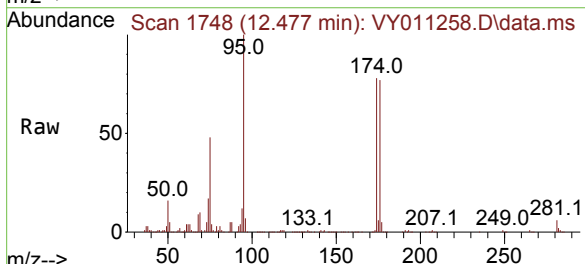
Instrument :
MSVOA_Y
ClientSampleId :
S-1-103122

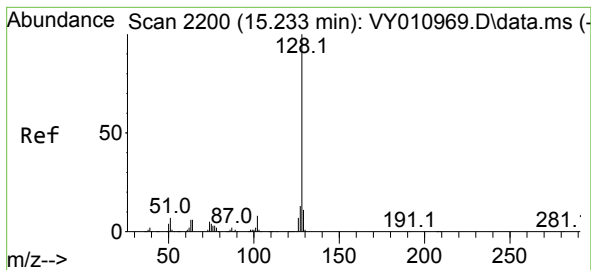
Tgt Ion: 75 Resp: 84984
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.654 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011258.D
Acq: 02 Nov 2022 13:33

Tgt Ion: 75 Resp: 84984
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 4.079 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011258.D

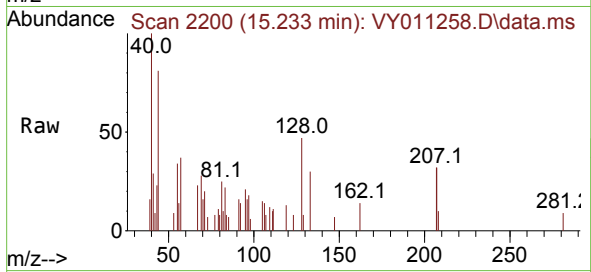
Acq: 02 Nov 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

S-1-103122



Tgt Ion:	128	Resp:	815
Ion	Ratio	Lower	Upper
128	100		
127	6.5	11.0	16.4#
129	12.5	8.4	12.6

