

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011289.D
 Acq On : 03 Nov 2022 16:02
 Operator : KP/MD
 Sample : N5395-04RE
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-10-103122RE

Quant Time: Nov 04 02:21:24 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)

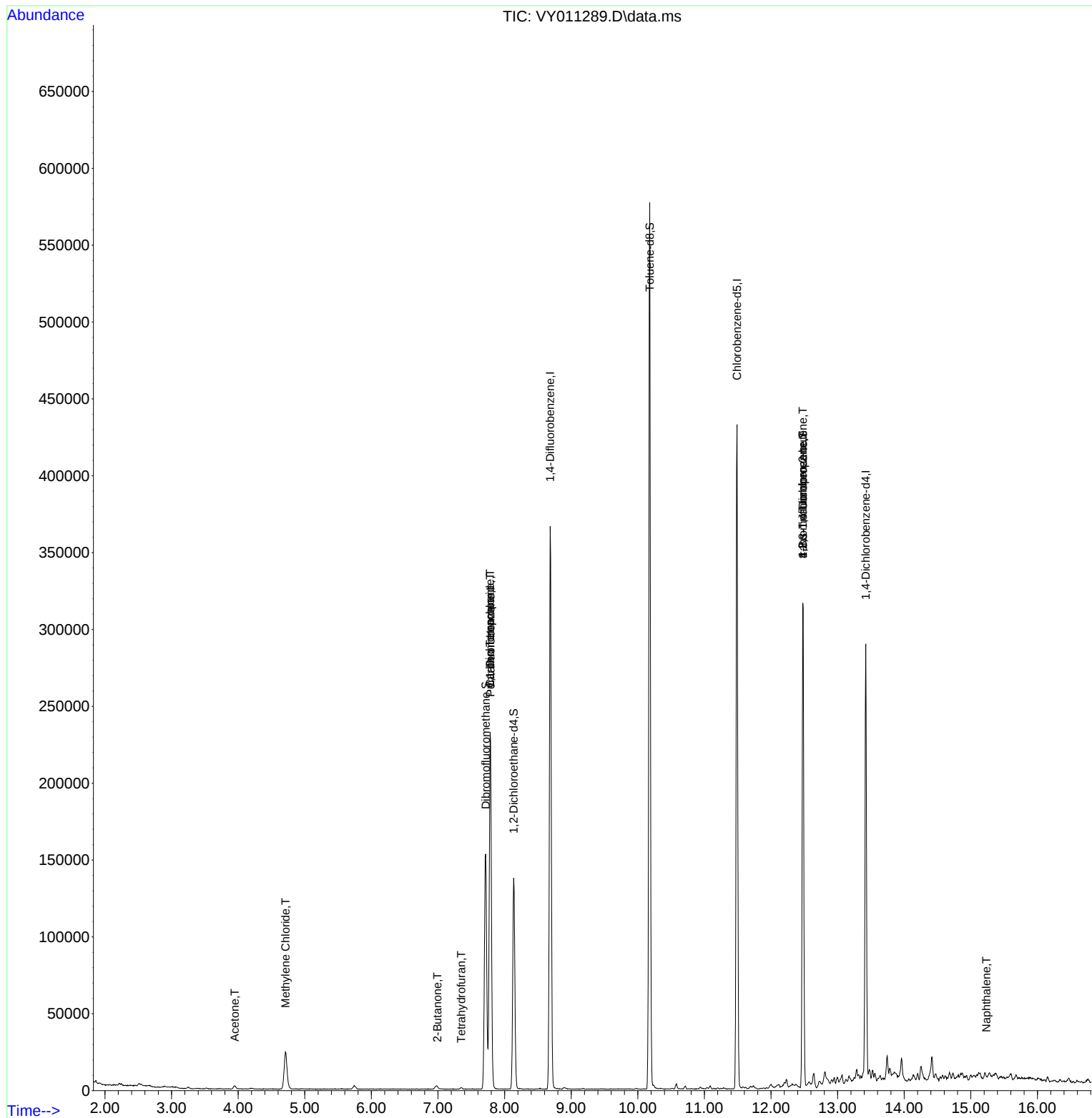
Internal Standards						
1) Pentafluorobenzene	7.789	168	179181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	315444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	242324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106626	55.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.280%	
35) Dibromofluoromethane	7.716	113	112823	55.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.340%	
50) Toluene-d8	10.179	98	376034	47.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.580%	
62) 4-Bromofluorobenzene	12.477	95	98450	36.039	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	264	Below Cal	#	77
16) Acetone	3.948	43	3938	6.808	ug/l #	78
20) Methylene Chloride	4.710	84	18720	3.207	ug/l #	81
25) 2-Butanone	6.990	43	1156	1.420	ug/l	92
29) Tetrahydrofuran	7.350	42	632	1.334	ug/l #	88
36) 1,1-Dichloropropene	7.783	75	13525	4.086	ug/l #	51
38) Carbon Tetrachloride	7.783	117	18268	5.320	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	48195	53.017	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48195	113.464	ug/l #	7
95) Naphthalene	15.233	128	1149	4.287	ug/l #	77

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

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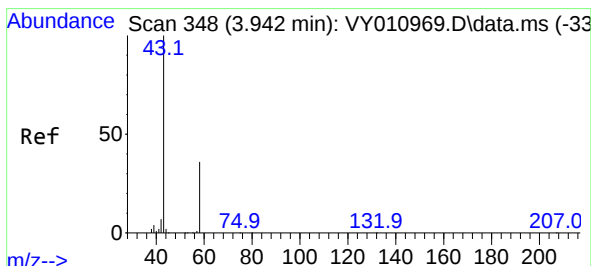
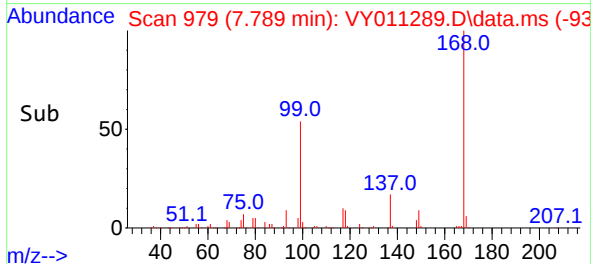
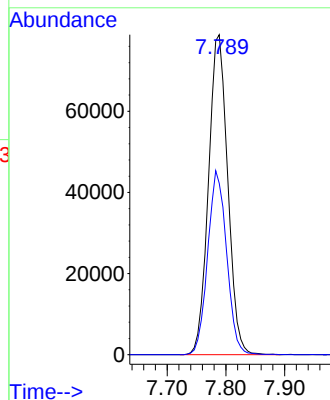
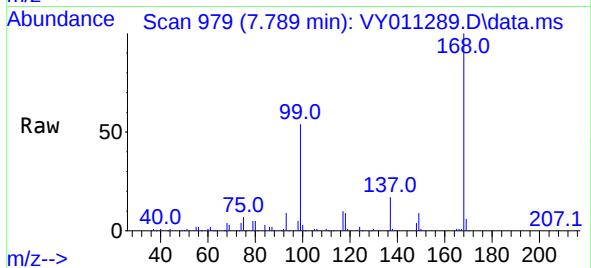




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

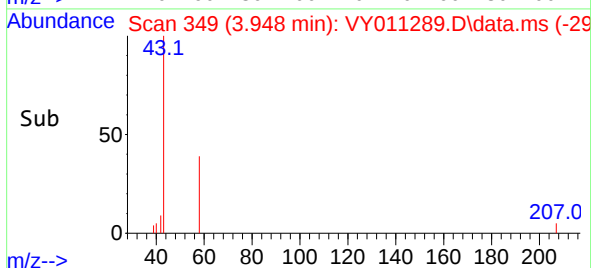
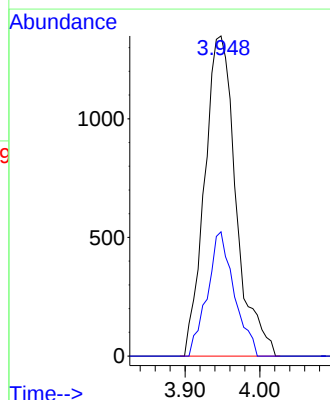
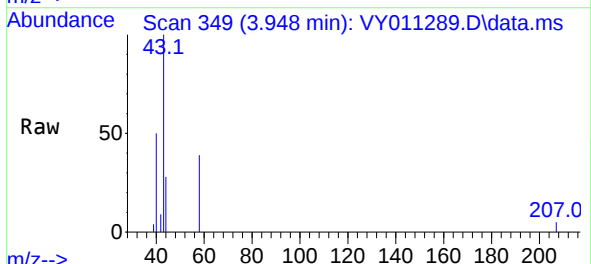
Instrument :
MSVOA_Y
ClientSampleId :
S-10-103122RE

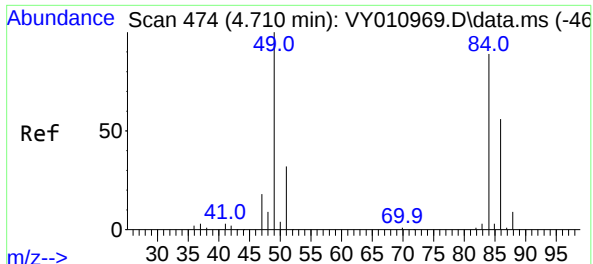
Tgt Ion:168 Resp: 179181
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#16
Acetone
Concen: 6.808 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

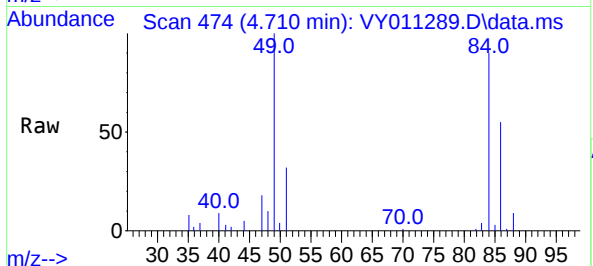
Tgt Ion: 43 Resp: 3938
Ion Ratio Lower Upper
43 100
58 38.8 22.0 33.0#





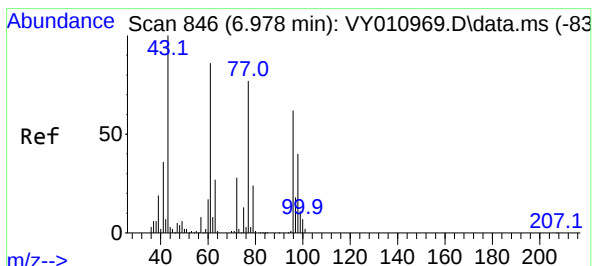
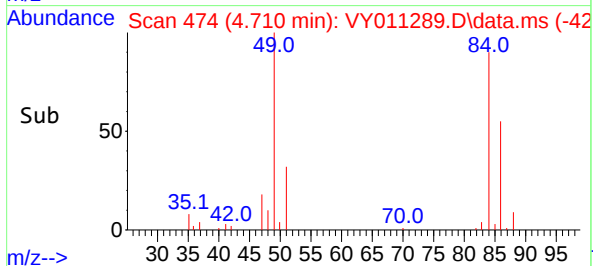
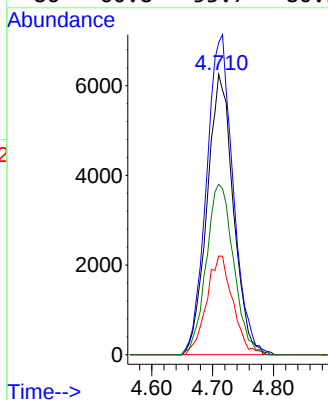
#20
Methylene Chloride
Concen: 3.207 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :
S-10-103122RE



Tgt Ion: 84 Resp: 18720

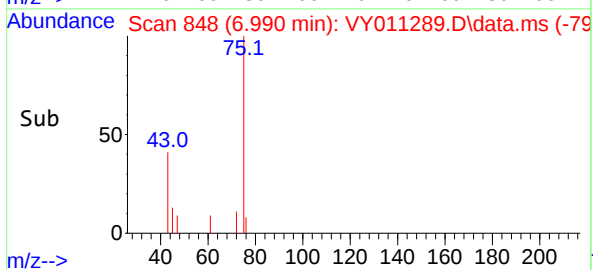
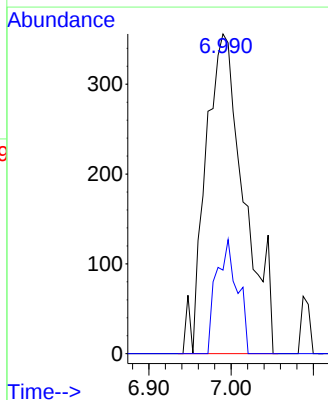
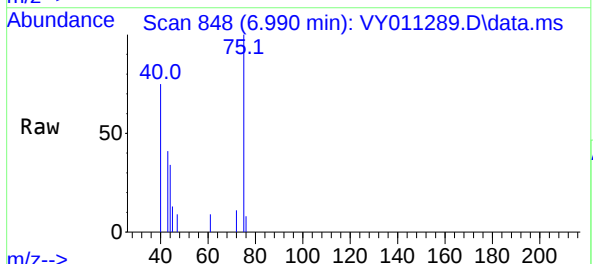
Ion	Ratio	Lower	Upper
84	100		
49	111.3	114.4	171.6#
51	35.2	35.3	52.9#
86	60.8	53.7	80.5

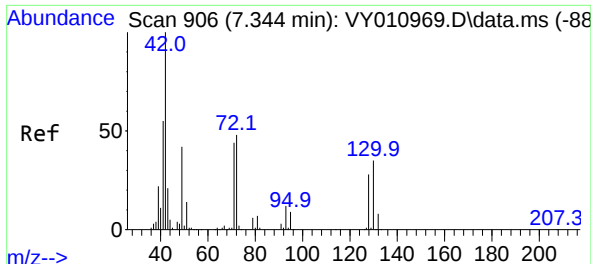


#25
2-Butanone
Concen: 1.420 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

Tgt Ion: 43 Resp: 1156

Ion	Ratio	Lower	Upper
43	100		
72	26.1	17.7	26.5





#29

Tetrahydrofuran

Concen: 1.334 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011289.D

Acq: 03 Nov 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

S-10-103122RE

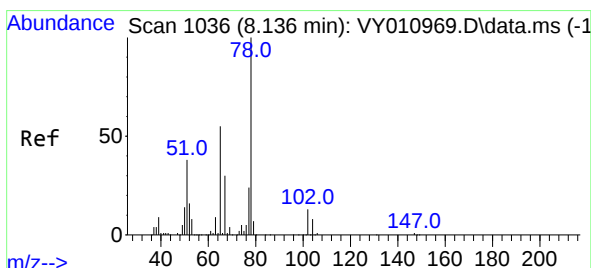
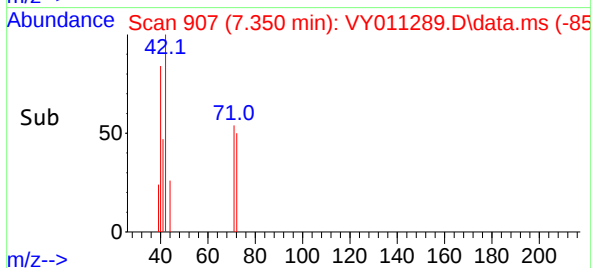
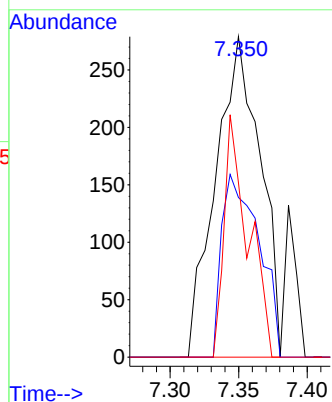
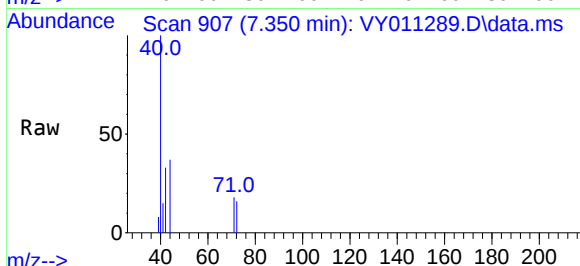
Tgt Ion: 42 Resp: 632

Ion Ratio Lower Upper

42 100

72 47.5 30.3 45.5#

71 40.7 29.0 43.4



#33

1,2-Dichloroethane-d4

Concen: 55.640 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011289.D

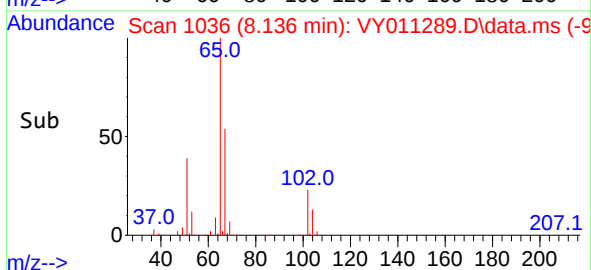
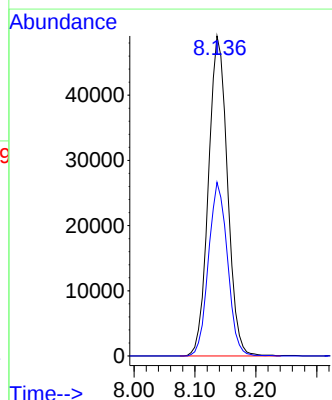
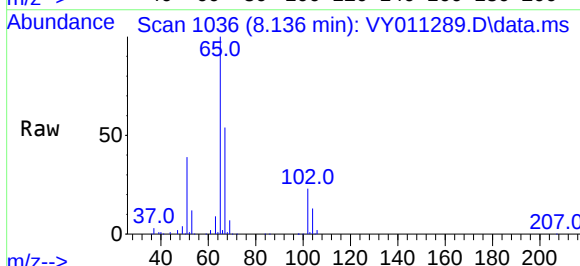
Acq: 03 Nov 2022 16:02

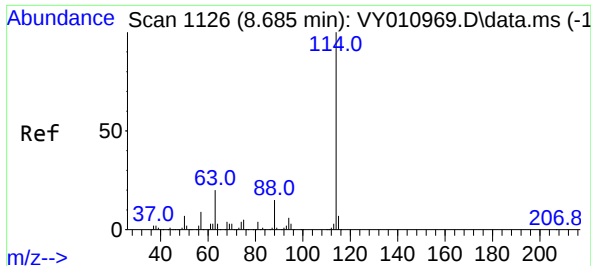
Tgt Ion: 65 Resp: 106626

Ion Ratio Lower Upper

65 100

67 54.1 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: VY011289.D

Acq: 03 Nov 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

S-10-103122RE

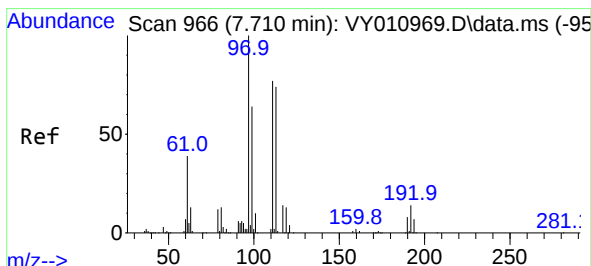
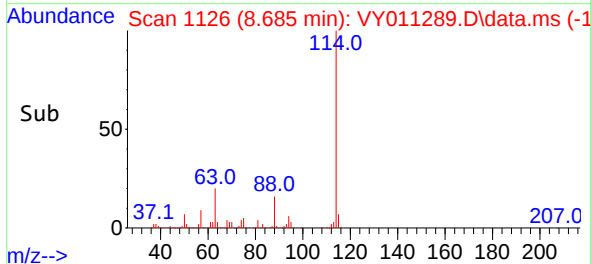
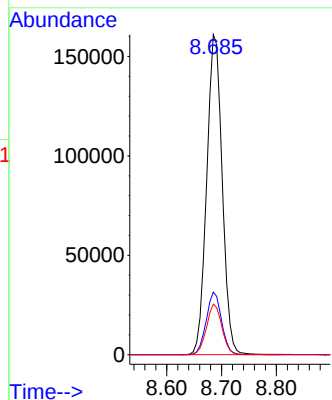
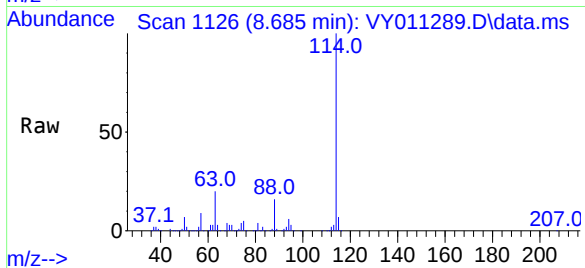
Tgt Ion:114 Resp: 315444

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.668 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011289.D

Acq: 03 Nov 2022 16:02

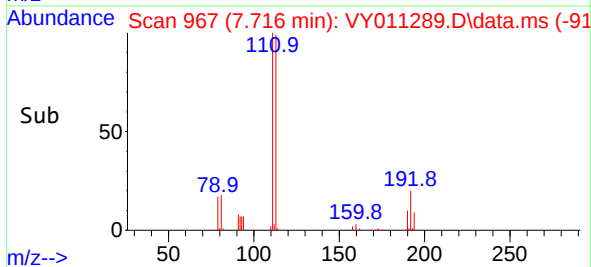
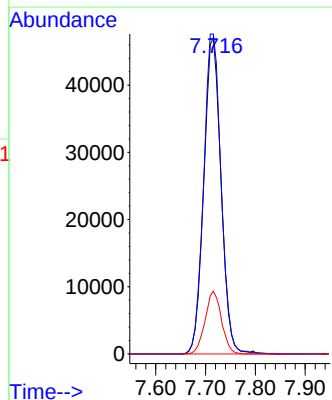
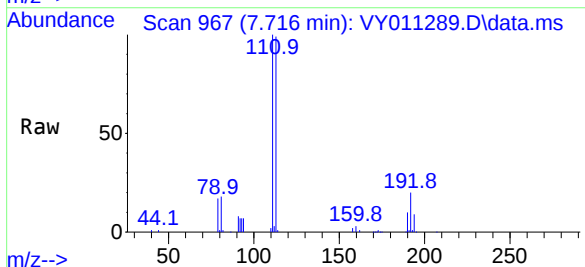
Tgt Ion:113 Resp: 112823

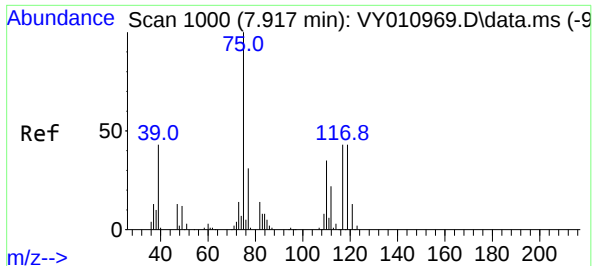
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 18.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.086 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011289.D

Acq: 03 Nov 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

S-10-103122RE

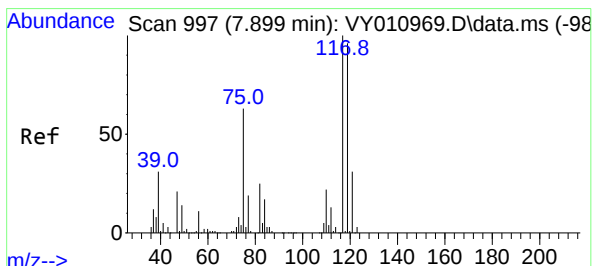
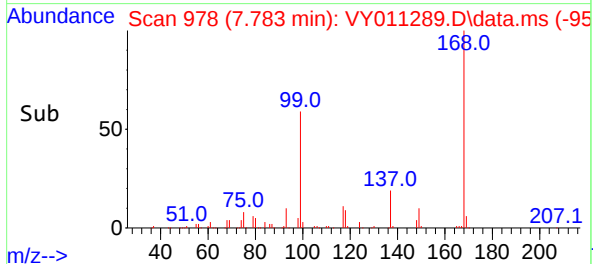
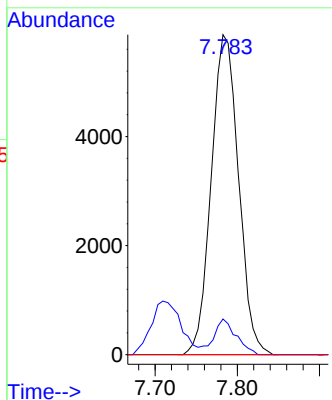
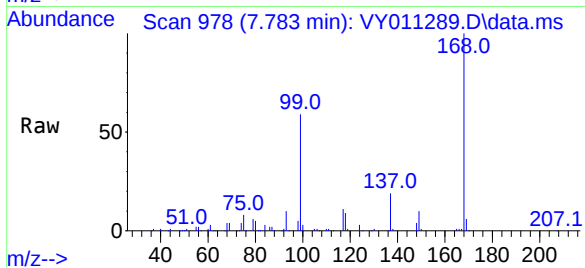
Tgt Ion: 75 Resp: 13525

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.320 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011289.D

Acq: 03 Nov 2022 16:02

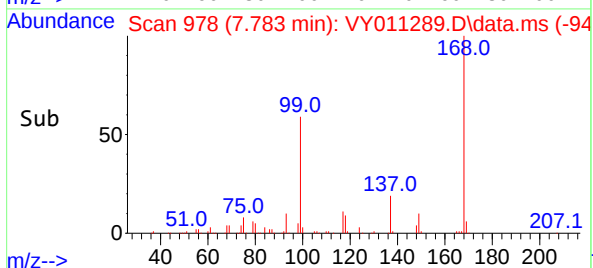
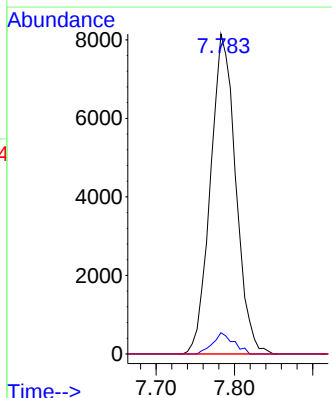
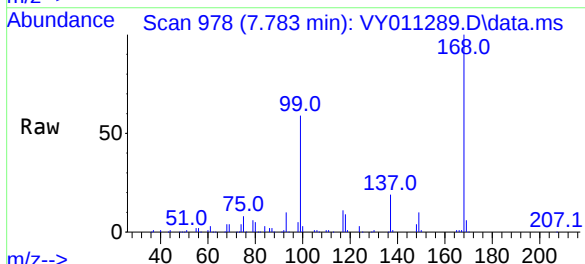
Tgt Ion: 117 Resp: 18268

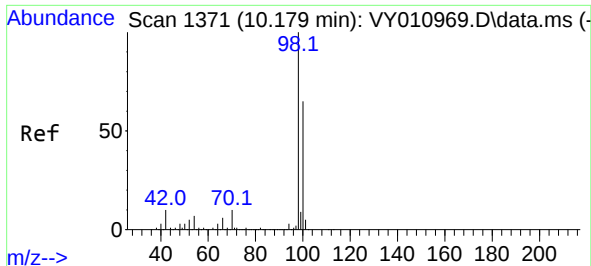
Ion Ratio Lower Upper

117 100

119 6.7 77.9 116.9#

121 0.0 24.8 37.2#

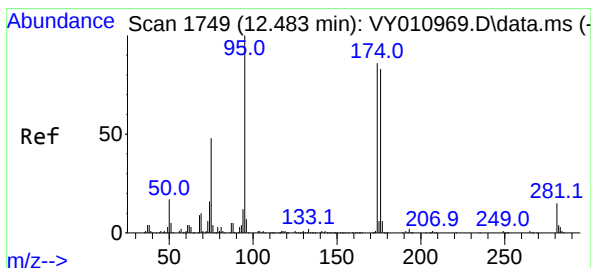
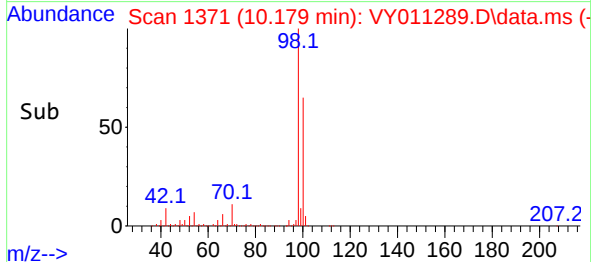
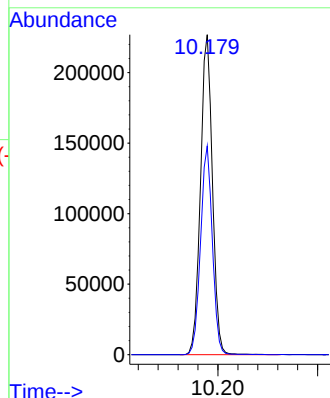
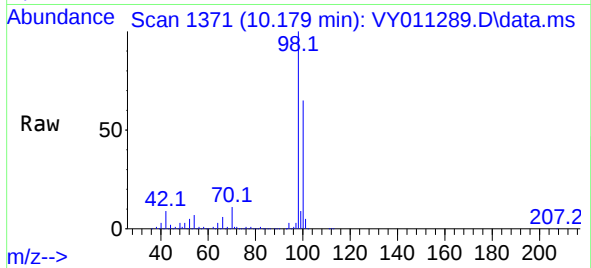




#50
Toluene-d8
Concen: 47.787 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

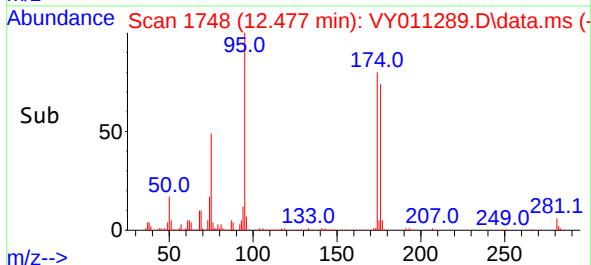
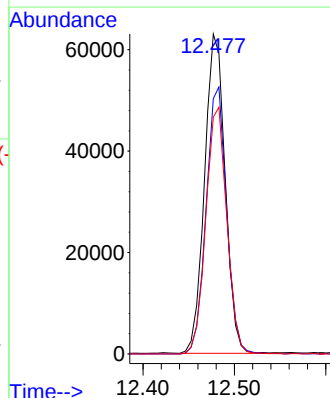
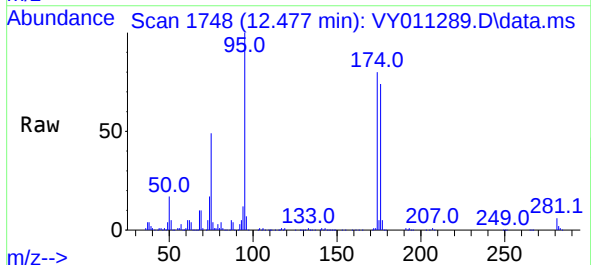
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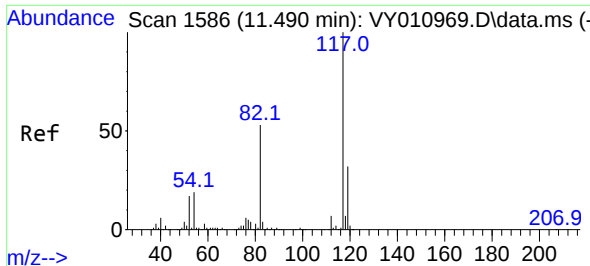
Tgt Ion: 98 Resp: 376034
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.039 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

Tgt Ion: 95 Resp: 98450
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 78.5 0.0 175.8

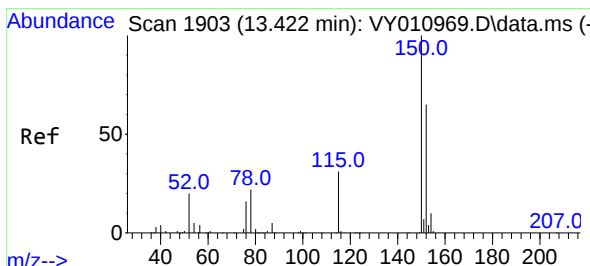
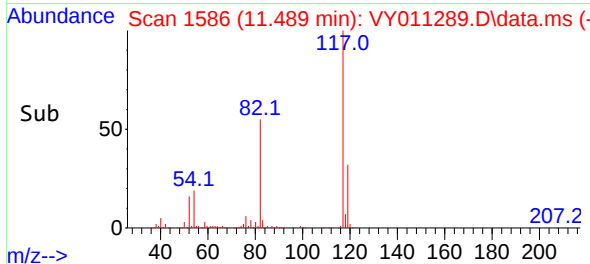
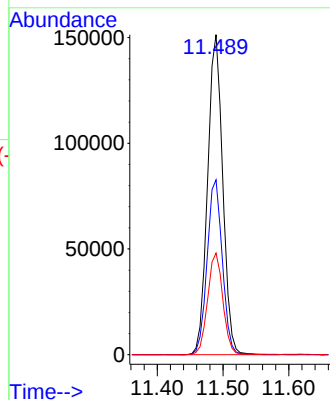
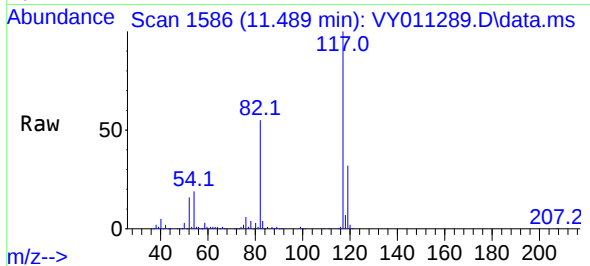




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

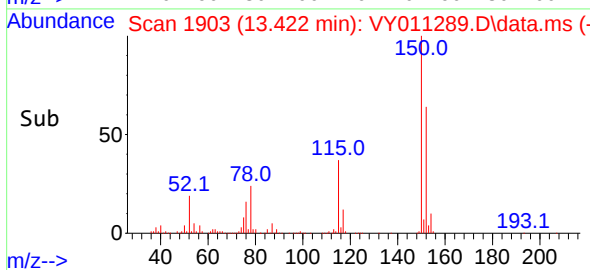
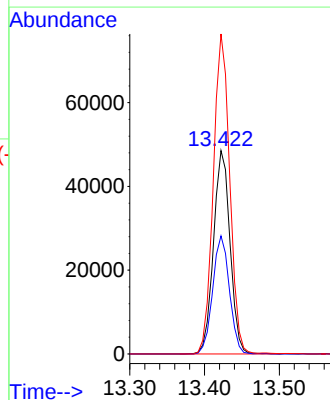
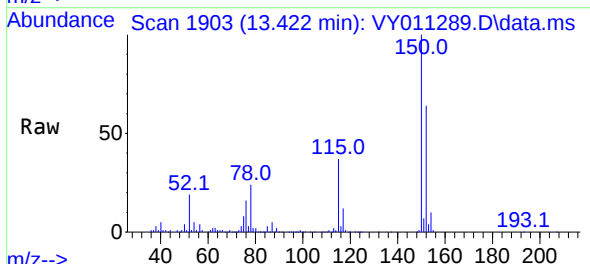
Instrument :
MSVOA_Y
ClientSampleId :
S-10-103122RE

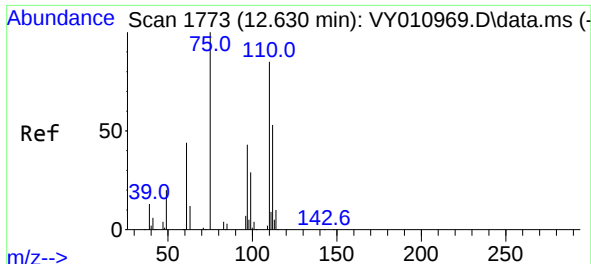
Tgt Ion:	117	Resp:	242324
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.0	64.4
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

Tgt Ion:	152	Resp:	74670
Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.2	84.7
150	155.7	0.0	347.6

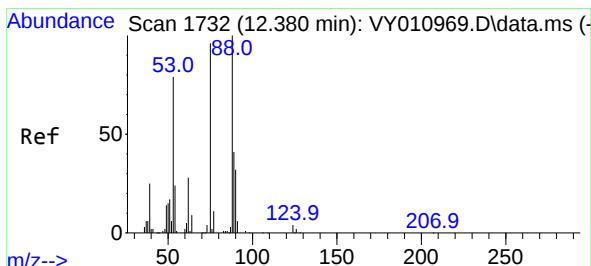
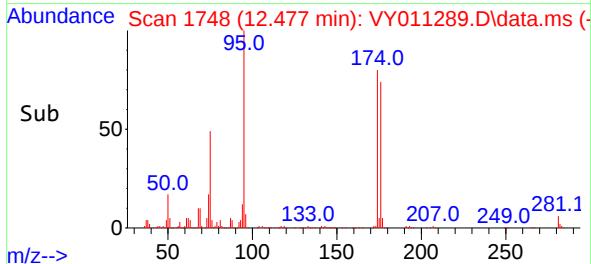
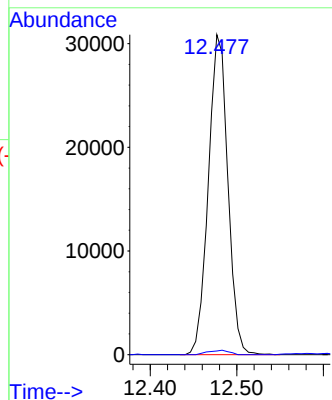
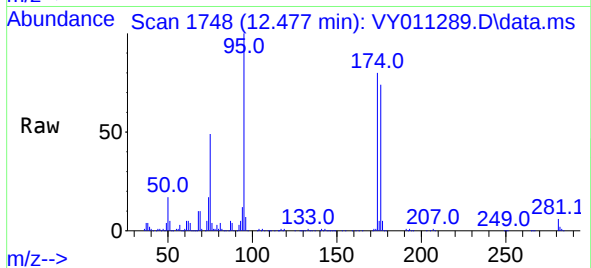




#76
1,2,3-Trichloropropane
Concen: 53.017 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

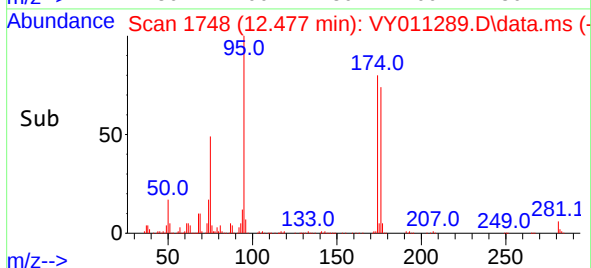
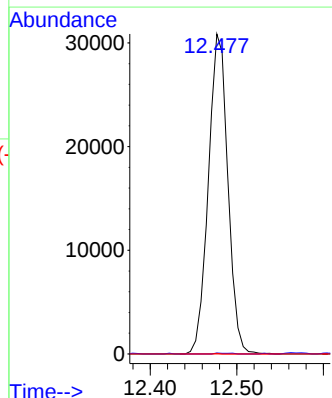
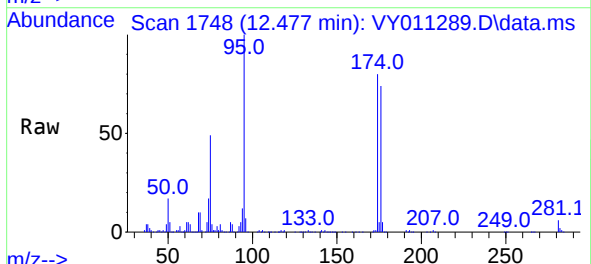
Instrument :
MSVOA_Y
ClientSampleId :
S-10-103122RE

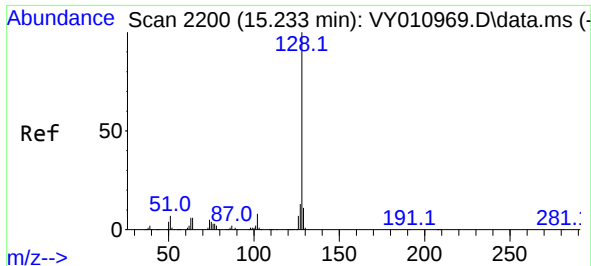
Tgt Ion: 75 Resp: 48195
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.464 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

Tgt Ion: 75 Resp: 48195
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 4.287 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY011289.D

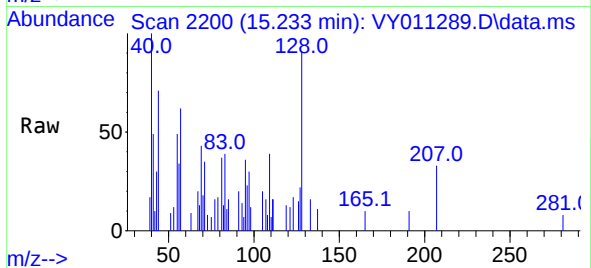
Acq: 03 Nov 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

S-10-103122RE



Tgt Ion:	128	Resp:	1149
Ion	Ratio	Lower	Upper
128	100		
127	24.8	11.0	16.4#
129	4.0	8.4	12.6#

