

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011273.D
 Acq On : 02 Nov 2022 19:13
 Operator : KP/MD
 Sample : N5336-06
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-16.5-17.0RE

Quant Time: Nov 03 05:20:23 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)

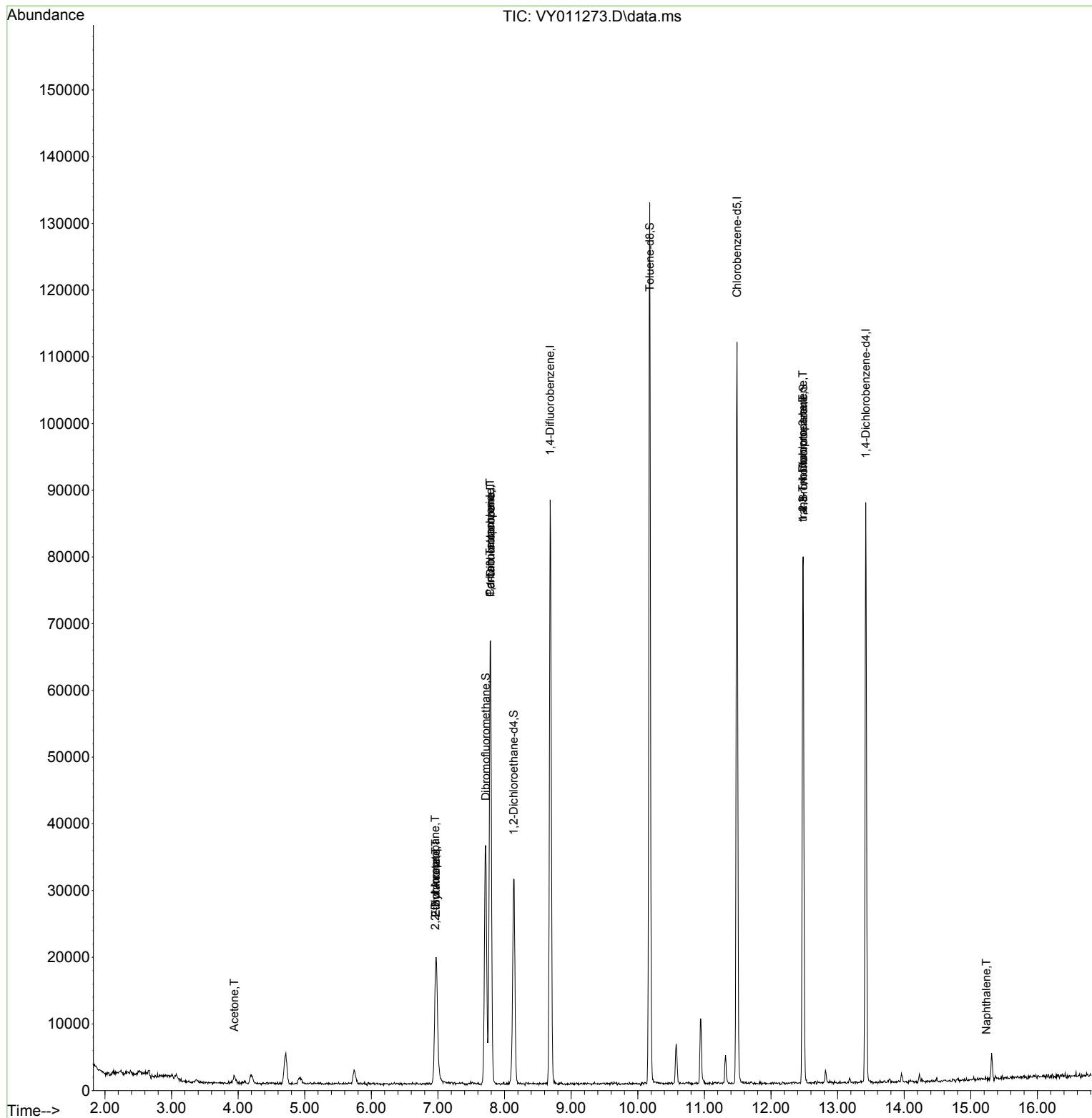
Internal Standards						
1) Pentafluorobenzene	7.789	168	53300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	76928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	63176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	23738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	24061	42.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.420%
35) Dibromofluoromethane	7.716	113	26512	53.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.280%
50) Toluene-d8	10.179	98	89811	46.801	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.600%
62) 4-Bromofluorobenzene	12.483	95	24260	36.415	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	805	Below Cal	#	77
16) Acetone	3.942	43	2177	12.651	ug/l	93
25) 2-Butanone	6.966	43	499	2.061	ug/l #	54
26) 2,2-Dichloropropane	6.960	77	1651	1.583	ug/l #	55
36) 1,1-Dichloropropene	7.789	75	4021	4.982	ug/l #	49
37) Ethyl Acetate	6.966	43	499	1.147	ug/l #	1
38) Carbon Tetrachloride	7.783	117	5349	6.388	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	11612	40.181	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11612	85.993	ug/l #	7
95) Naphthalene	15.233	128	98	4.054	ug/l #	69

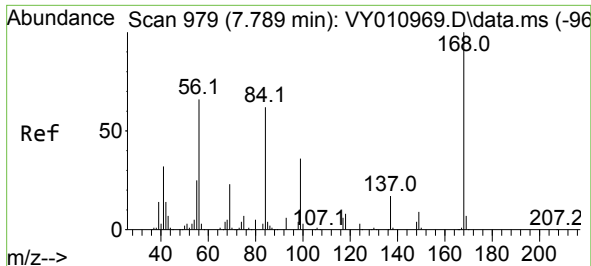
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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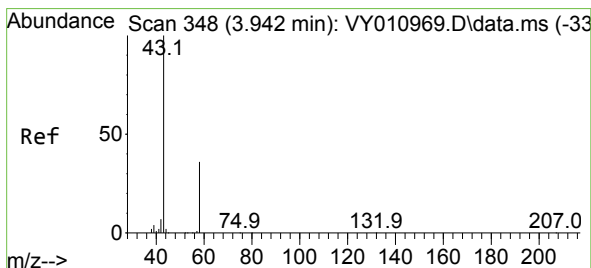
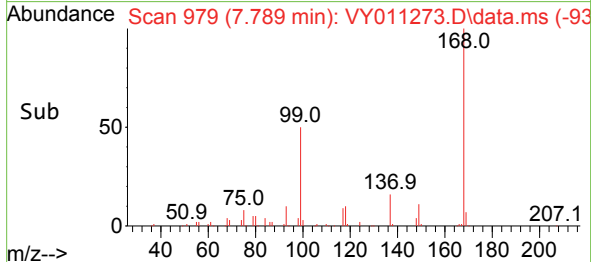
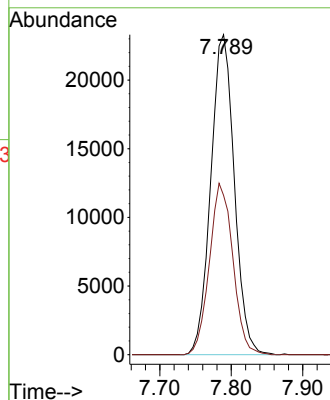
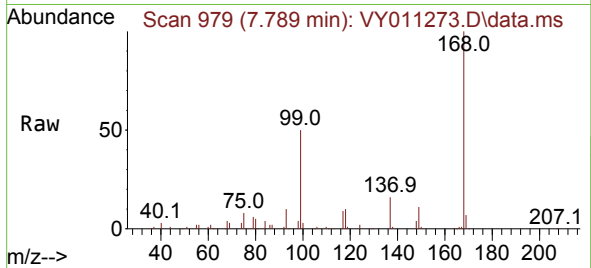




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

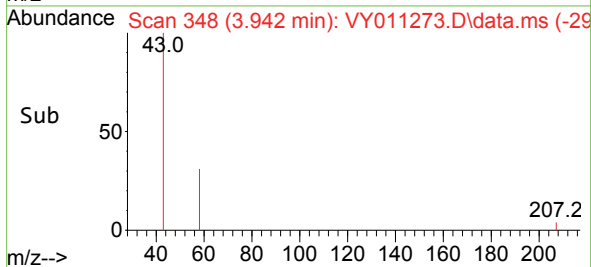
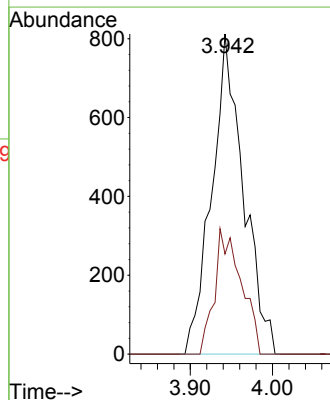
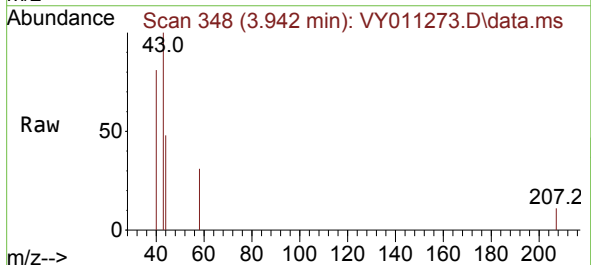
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-16.5-17.0RE

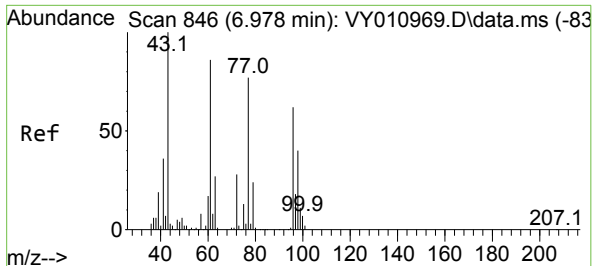
Tgt Ion:168 Resp: 53300
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#16
Acetone
Concen: 12.651 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

Tgt Ion: 43 Resp: 2177
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0





#25

2-Butanone

Concen: 2.061 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY011273.D

Acq: 02 Nov 2022 19:13

Instrument :

MSVOA_Y

ClientSampleId :

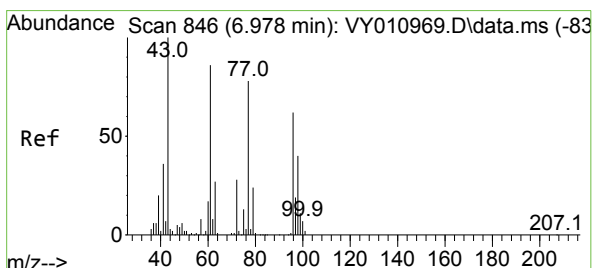
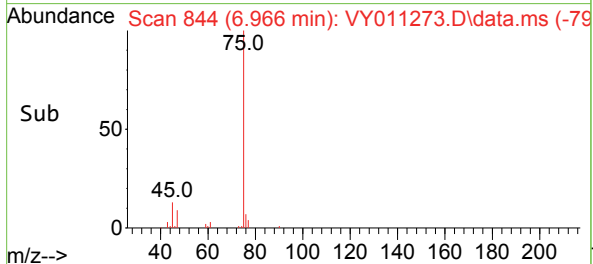
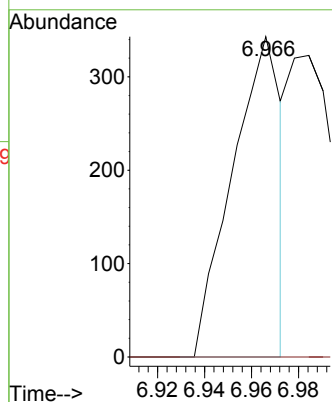
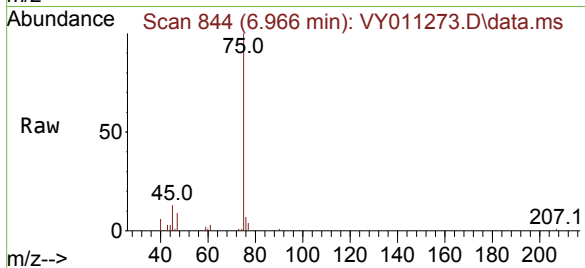
SB-02-16.5-17.0RE

Tgt Ion: 43 Resp: 499

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.583 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.018 min

Lab File: VY011273.D

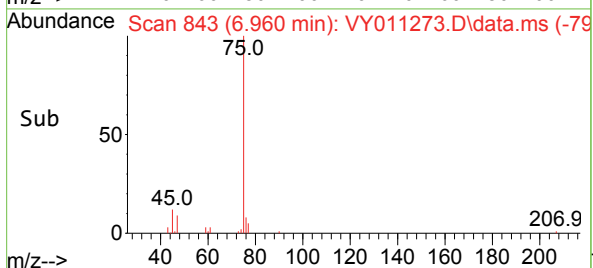
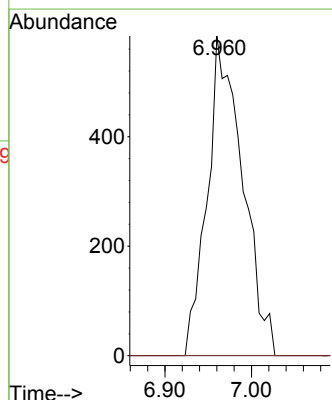
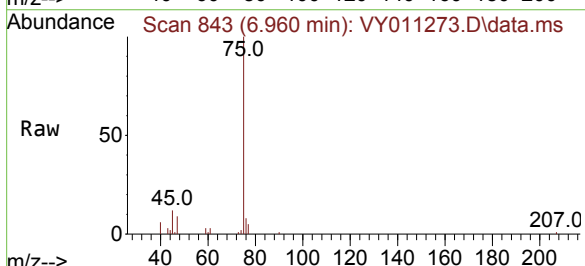
Acq: 02 Nov 2022 19:13

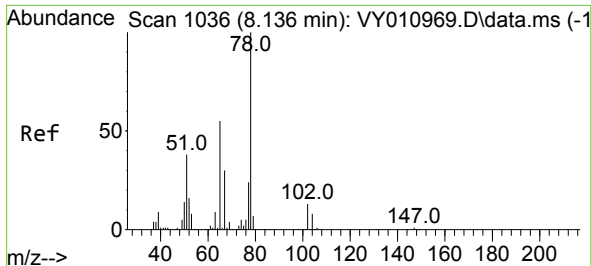
Tgt Ion: 77 Resp: 1651

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

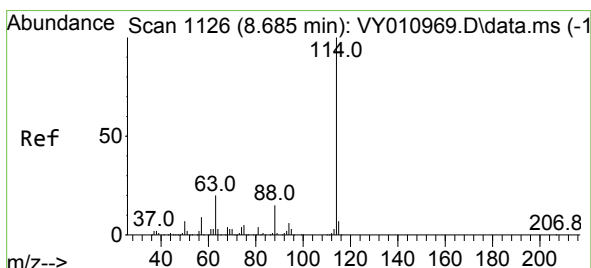
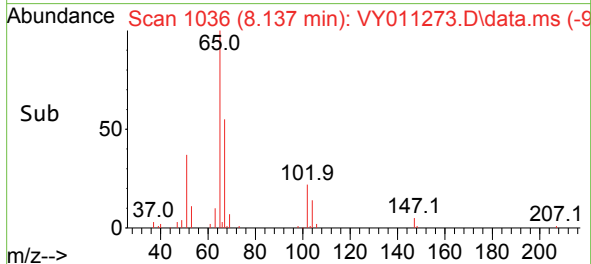
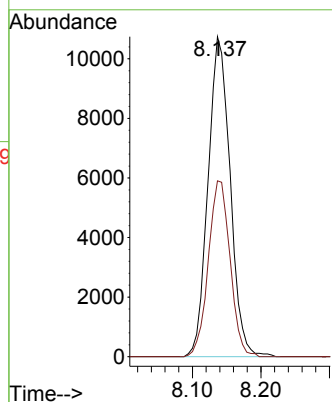
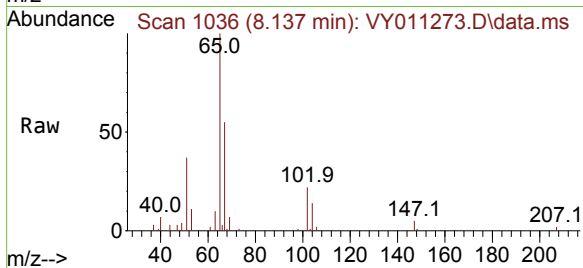




#33
1,2-Dichloroethane-d4
Concen: 42.209 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

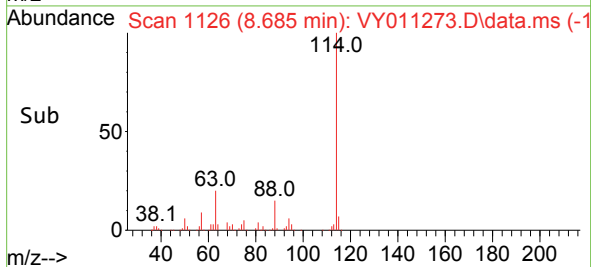
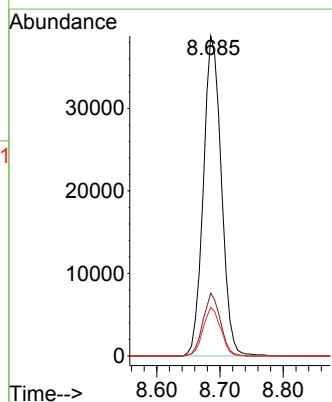
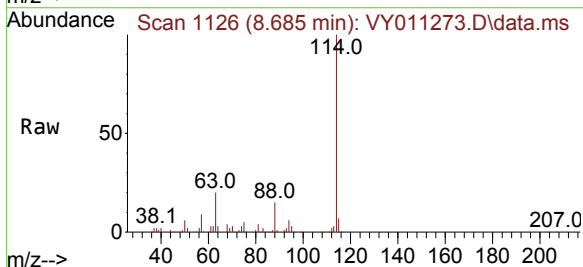
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-16.5-17.0RE

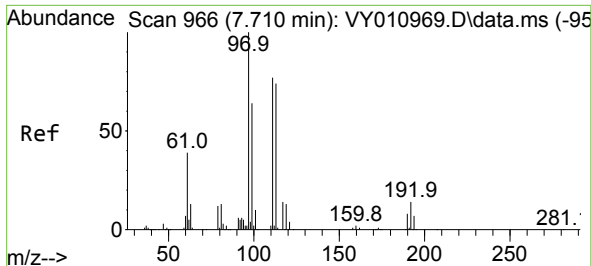
Tgt Ion: 65 Resp: 24061
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

Tgt Ion: 114 Resp: 76928
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 15.2 0.0 31.8

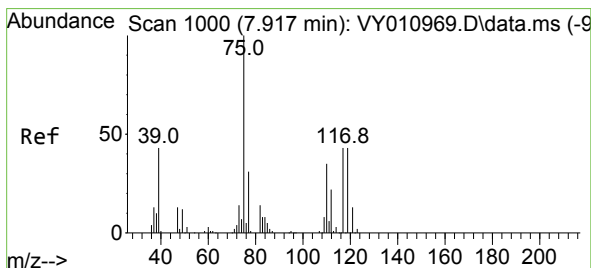
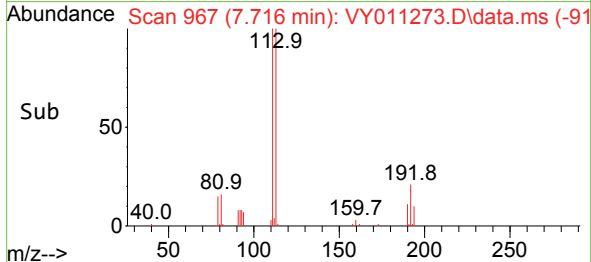
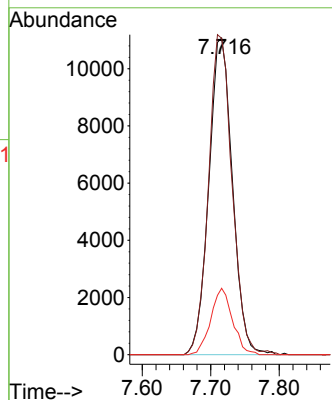
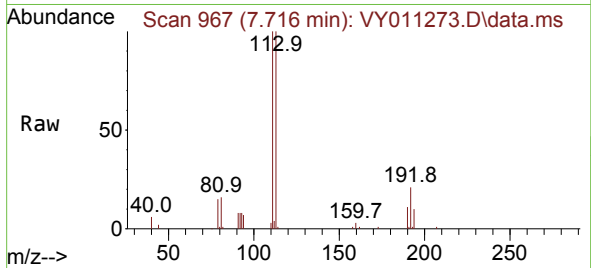




#35
Dibromofluoromethane
Concen: 53.640 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

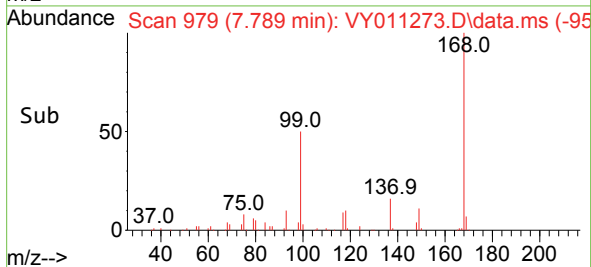
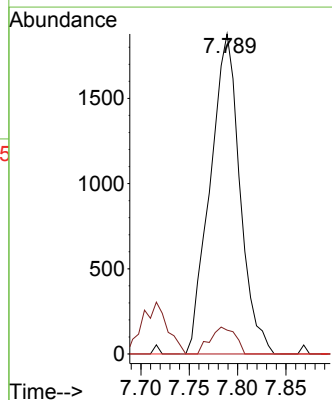
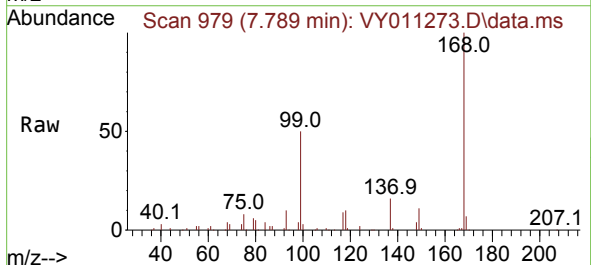
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-16.5-17.0RE

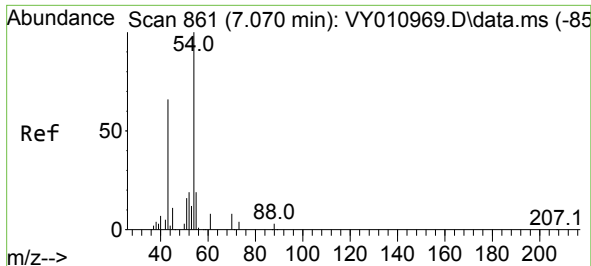
Tgt Ion:113 Resp: 26512
Ion Ratio Lower Upper
113 100
111 100.9 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.982 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

Tgt Ion: 75 Resp: 4021
Ion Ratio Lower Upper
75 100
110 7.1 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.147 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.104 min

Lab File: VY011273.D

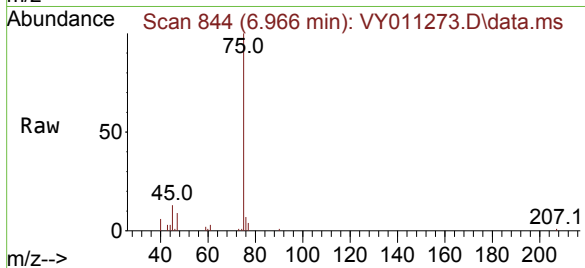
Acq: 02 Nov 2022 19:13

Instrument :

MSVOA_Y

ClientSampleId :

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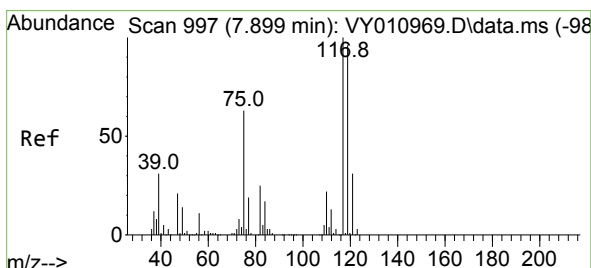
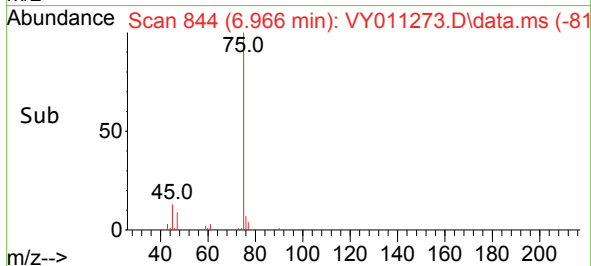
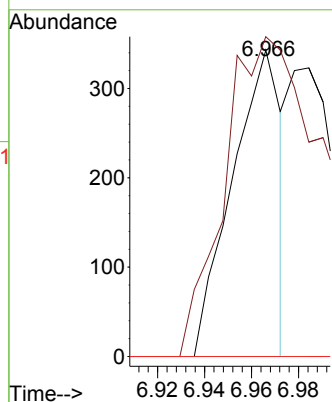
Tgt Ion: 43 Resp: 499

Ion Ratio Lower Upper

43 100

61 211.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.388 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011273.D

Acq: 02 Nov 2022 19:13

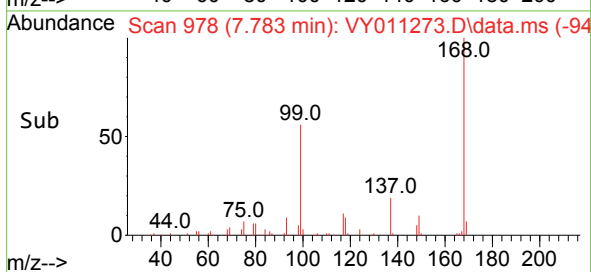
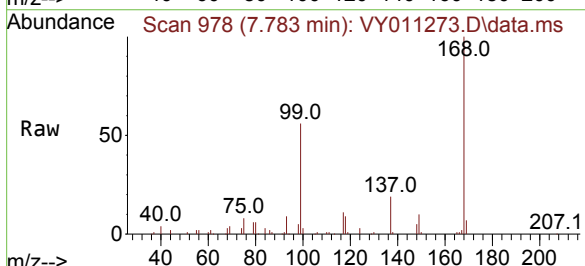
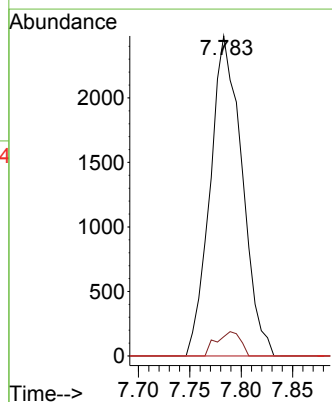
Tgt Ion: 117 Resp: 5349

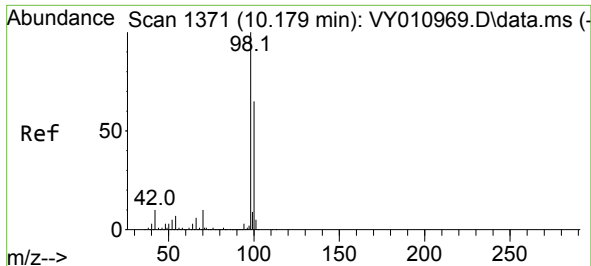
Ion Ratio Lower Upper

117 100

119 6.0 77.9 116.9#

121 0.0 24.8 37.2#

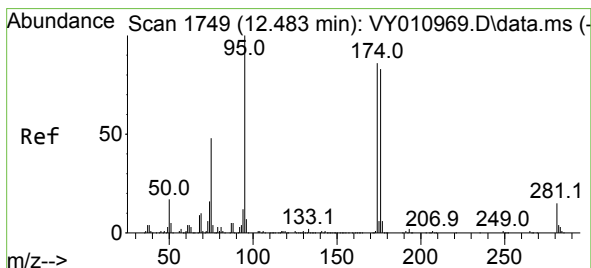
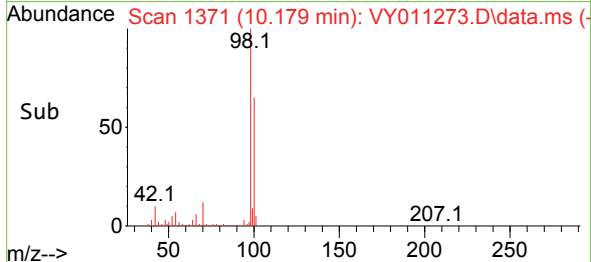
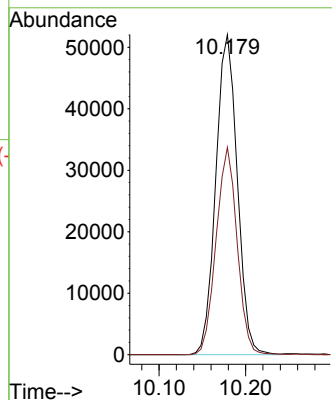
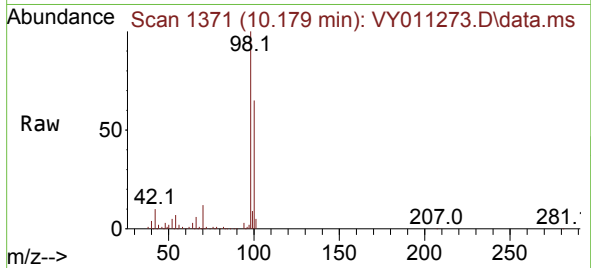




#50
Toluene-d8
Concen: 46.801 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

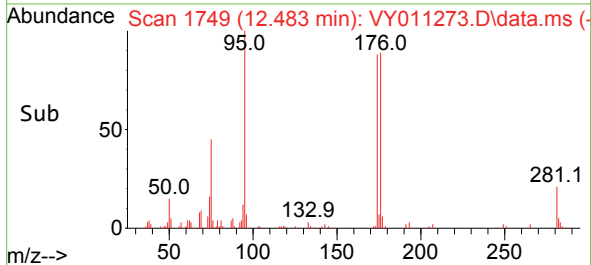
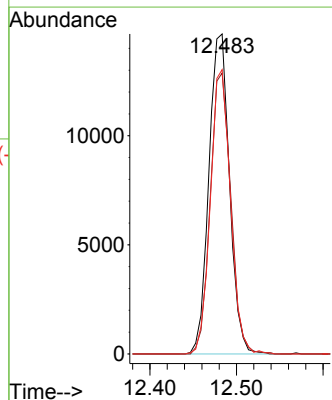
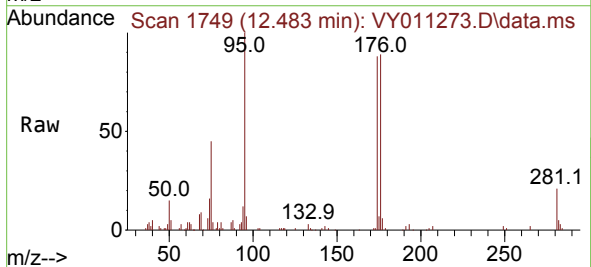
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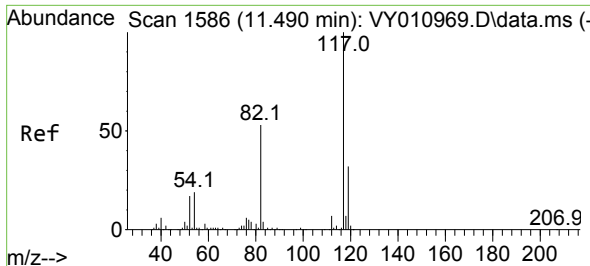
Tgt Ion: 98 Resp: 89811
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.415 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

Tgt Ion: 95 Resp: 24260
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 86.8 0.0 175.8

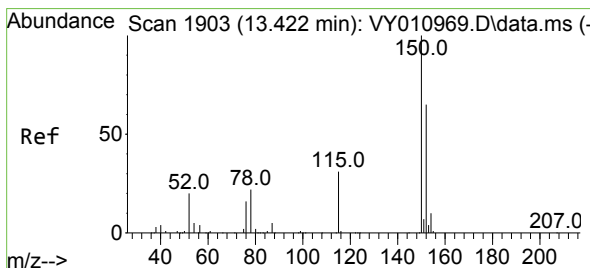
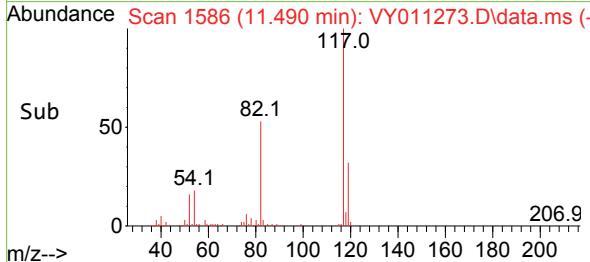
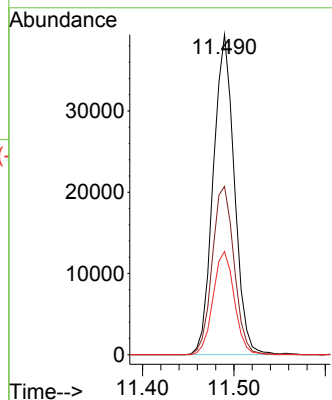
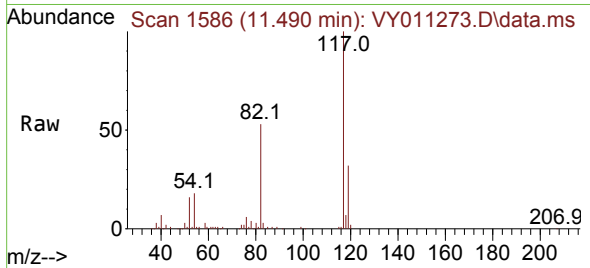




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

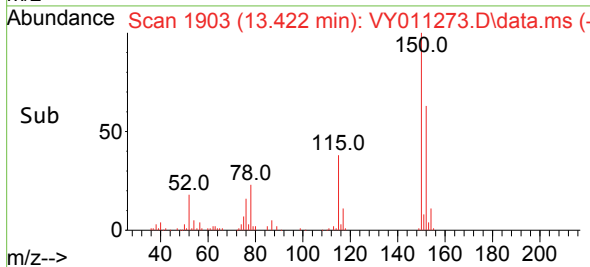
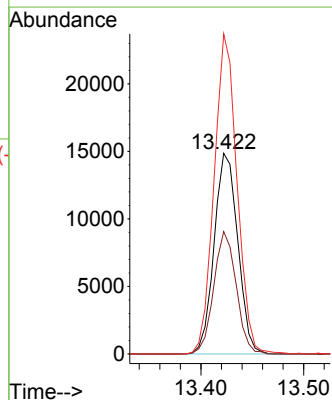
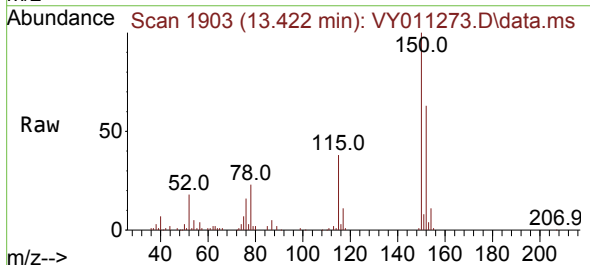
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-16.5-17.0RE

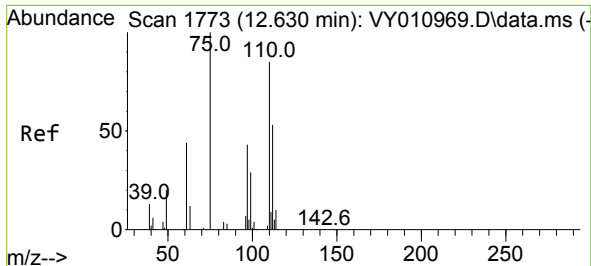
Tgt Ion:117 Resp: 63176
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

Tgt Ion:152 Resp: 23738
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 154.8 0.0 347.6

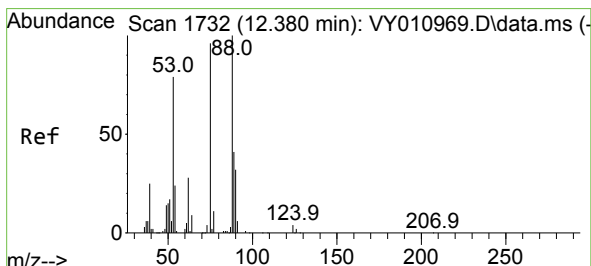
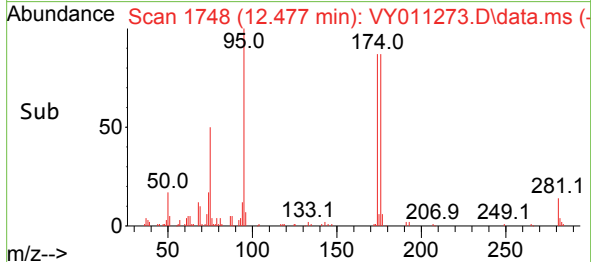
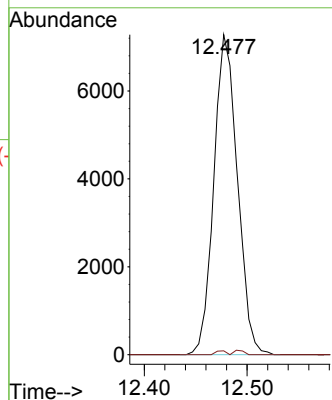
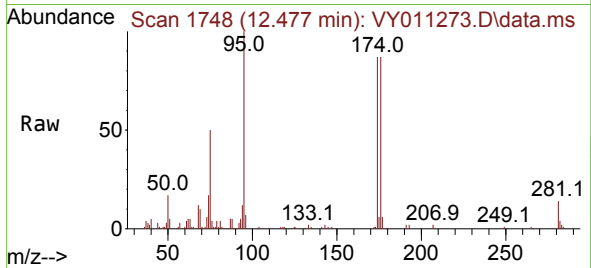




#76
1,2,3-Trichloropropane
Concen: 40.181 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

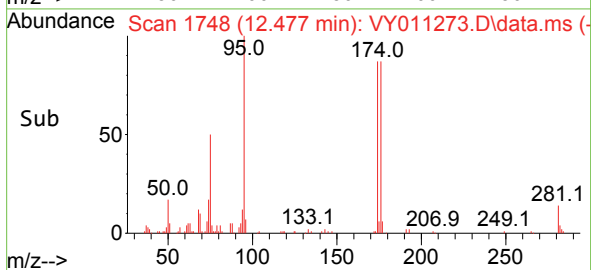
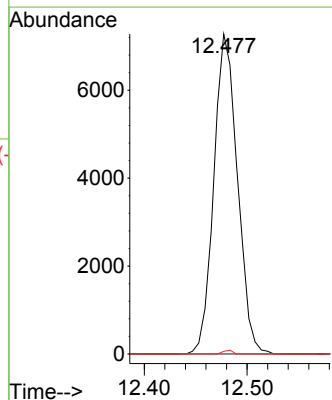
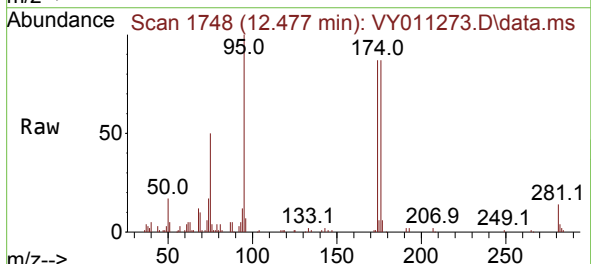
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-16.5-17.0RE

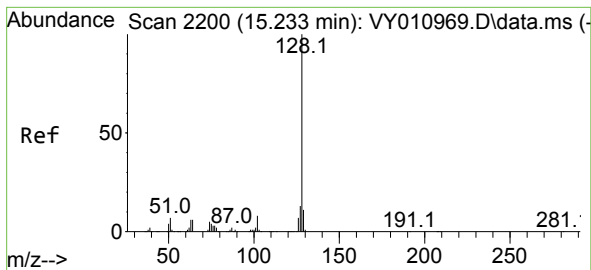
Tgt Ion: 75 Resp: 11612
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.993 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

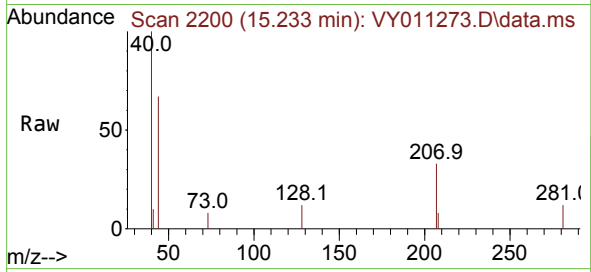
Tgt Ion: 75 Resp: 11612
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.5 37.0 55.4#





#95
Naphthalene
Concen: 4.054 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011273.D
Acq: 02 Nov 2022 19:13

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-16.5-17.0RE



Tgt Ion:128 Resp: 98
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

