

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009329.D
 Acq On : 25 Jun 2022 17:18
 Operator : KP/MD
 Sample : N3488-09
 Misc : 3.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:31:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

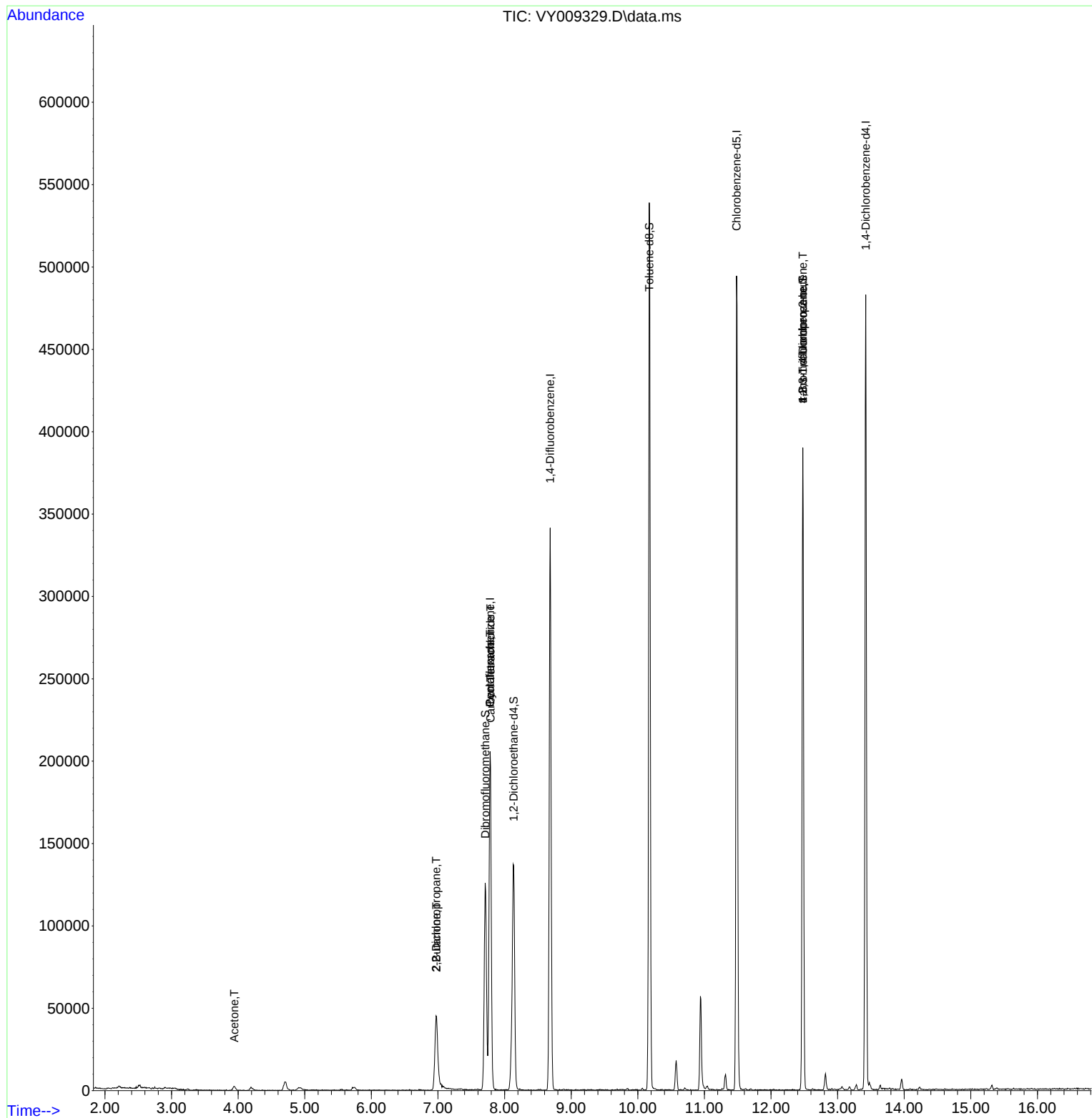
Internal Standards						
1) Pentafluorobenzene	7.783	168	163093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	265730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95833	80.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.720%	
35) Dibromofluoromethane	7.710	113	86645	56.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.940%	
50) Toluene-d8	10.173	98	333993	78.348	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 156.700%#	
62) 4-Bromofluorobenzene	12.477	95	112063	51.279	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	2757	Below Cal	#	78
16) Acetone	3.942	43	3861	9.260	ug/l #	67
20) Methylene Chloride	4.704	84	4071	Below Cal	#	84
25) 2-Butanone	6.978	43	2970	4.737	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	3283	1.160	ug/l #	52
31) Cyclohexane	7.783	56	3520	1.194	ug/l #	30
38) Carbon Tetrachloride	7.789	117	14861	5.612	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	58866	49.976	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58866	98.930	ug/l #	13

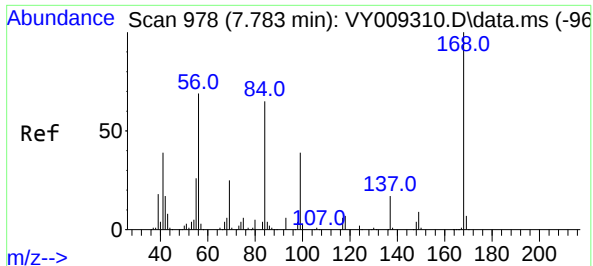
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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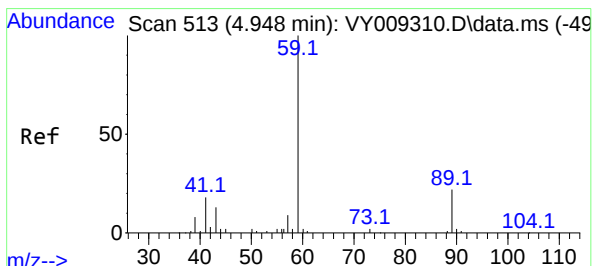
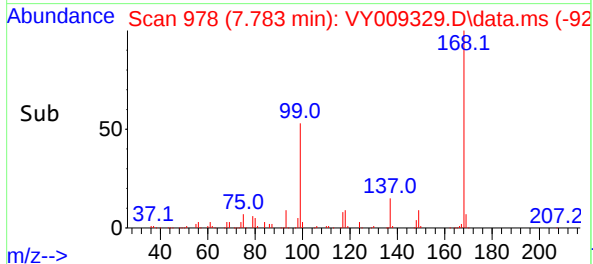
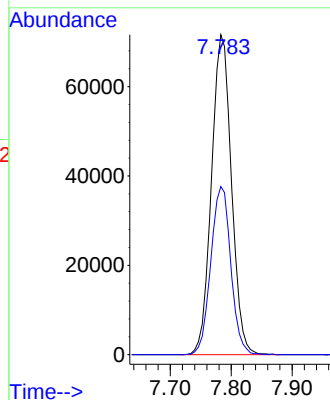
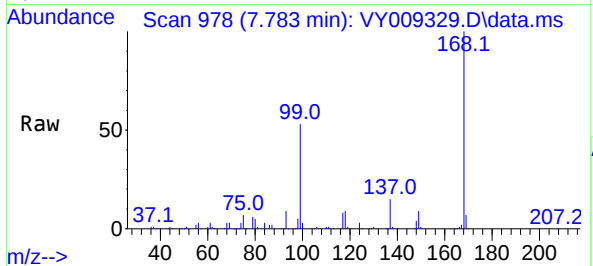




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18

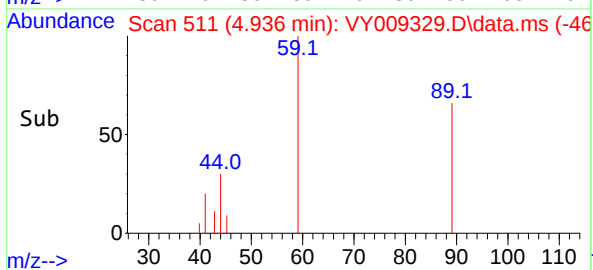
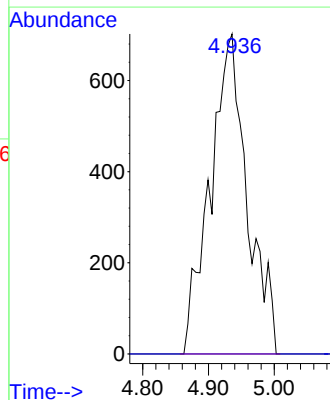
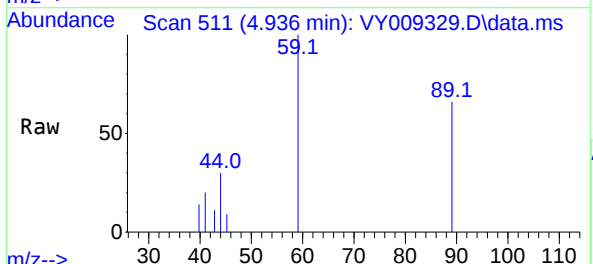
Instrument :
MSVOA_Y
ClientSampleId :

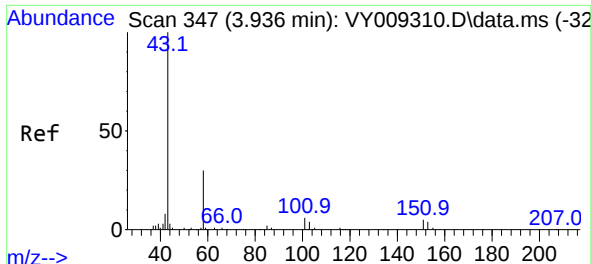
Tgt Ion:168 Resp: 163093
Ion Ratio Lower Upper
168 100
99 52.6 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18

Tgt Ion: 59 Resp: 2757
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

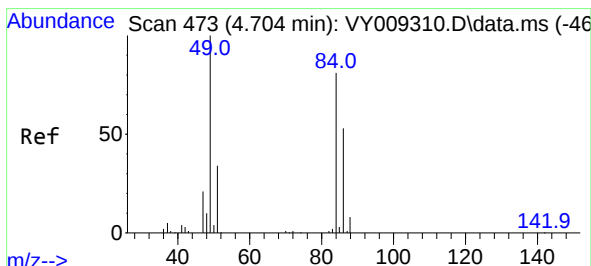
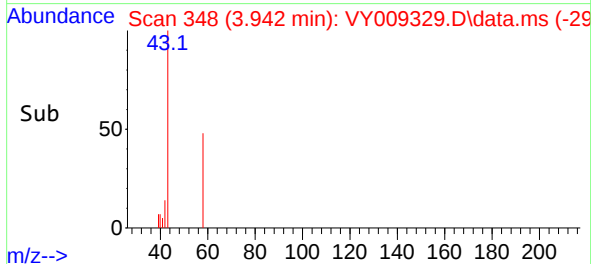
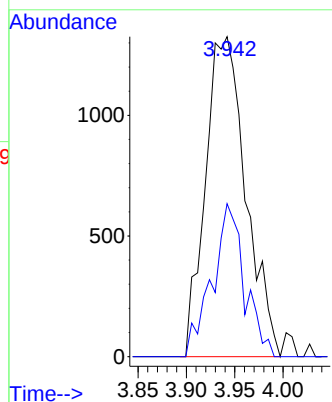
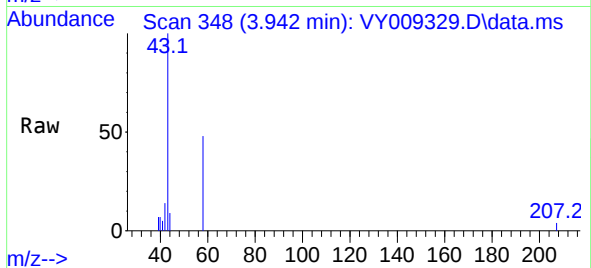




#16
Acetone
Concen: 9.260 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18

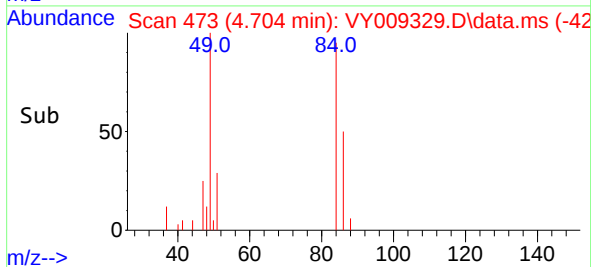
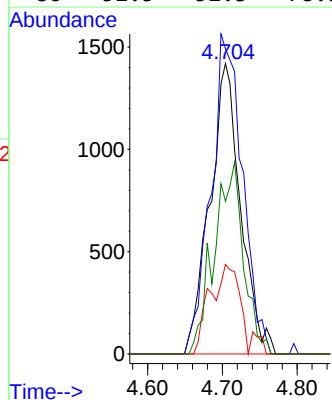
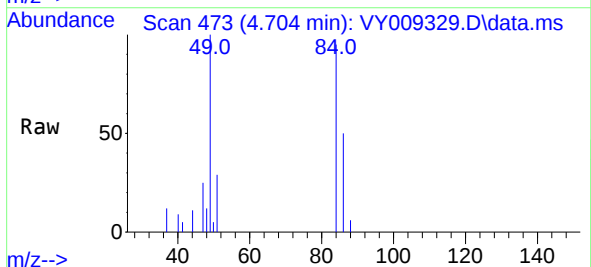
Instrument :
MSVOA_Y
ClientSampleId :

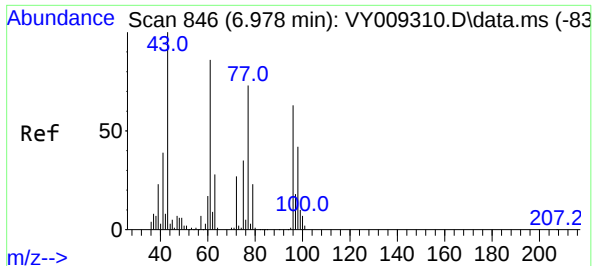
Tgt Ion: 43 Resp: 3861
Ion Ratio Lower Upper
43 100
58 47.8 24.0 36.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18

Tgt Ion: 84 Resp: 4071
Ion Ratio Lower Upper
84 100
49 105.0 98.2 147.4
51 30.8 33.4 50.0#
86 52.5 52.3 78.5





#25

2-Butanone

Concen: 4.737 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

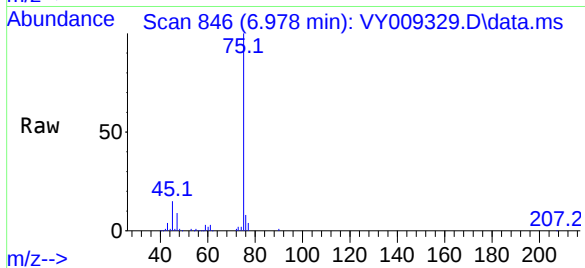
Lab File: VY009329.D

Acq: 25 Jun 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

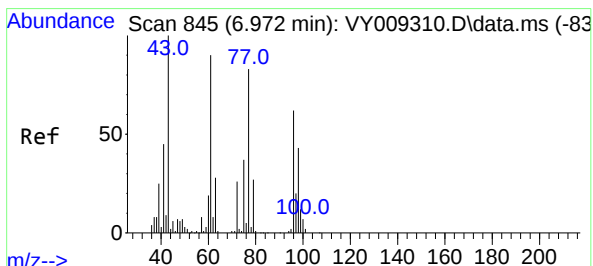
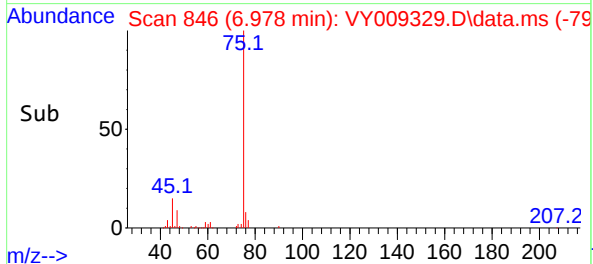
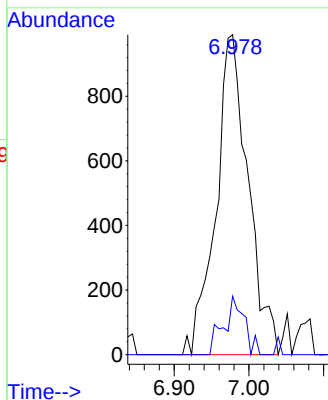


Tgt Ion: 43 Resp: 2970

Ion Ratio Lower Upper

43 100

72 18.3 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 1.160 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009329.D

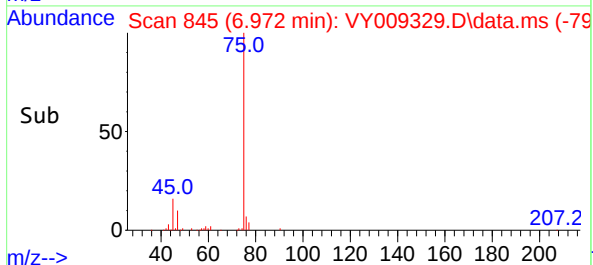
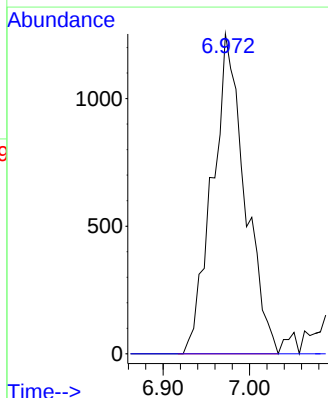
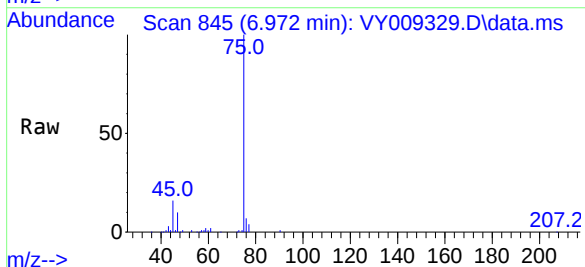
Acq: 25 Jun 2022 17:18

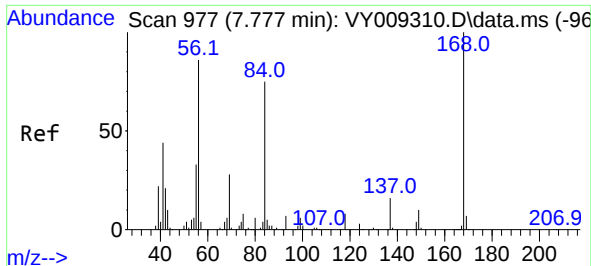
Tgt Ion: 77 Resp: 3283

Ion Ratio Lower Upper

77 100

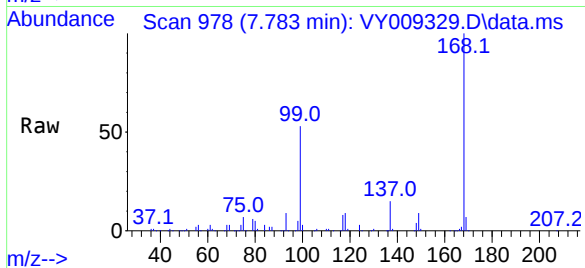
97 0.0 11.7 35.0#



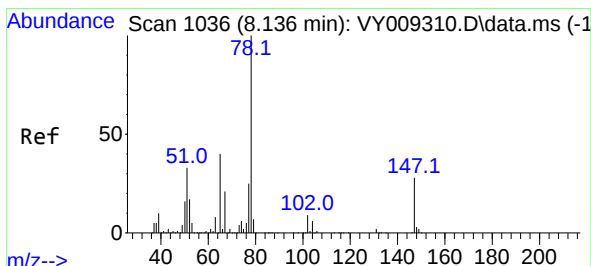
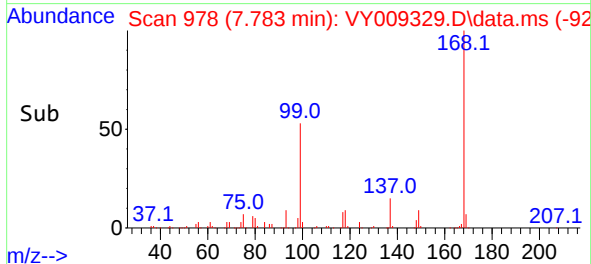
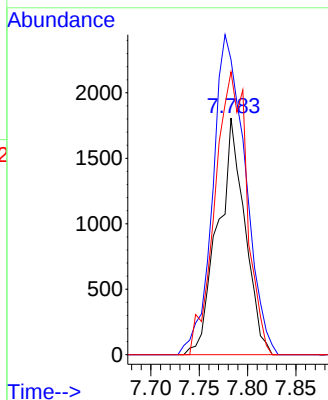


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18

Instrument :
MSVOA_Y
ClientSampleId :

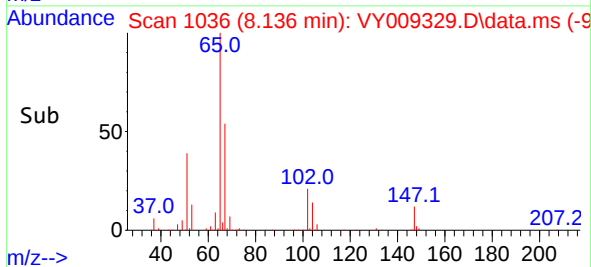
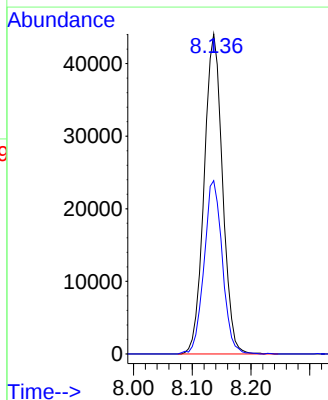
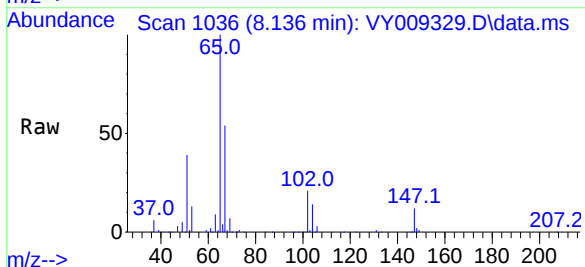


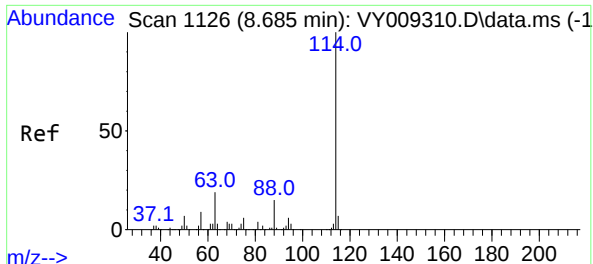
Tgt Ion: 56 Resp: 3520
Ion Ratio Lower Upper
56 100
69 124.7 26.0 39.0#
84 119.5 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 80.858 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18

Tgt Ion: 65 Resp: 95833
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009329.D

Acq: 25 Jun 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

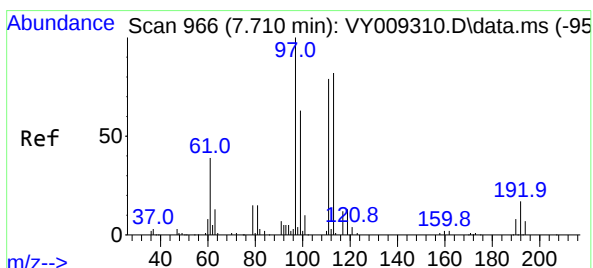
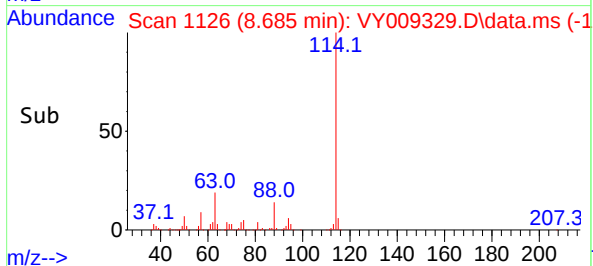
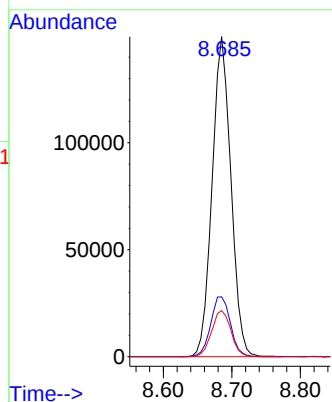
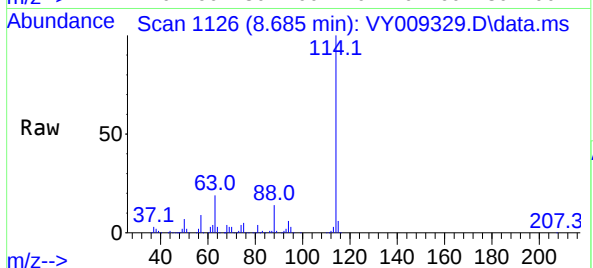
Tgt Ion:114 Resp: 284280

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.0

88 14.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 56.467 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009329.D

Acq: 25 Jun 2022 17:18

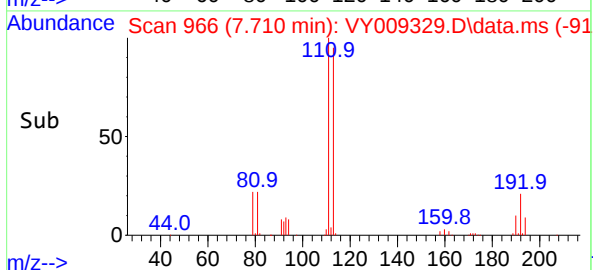
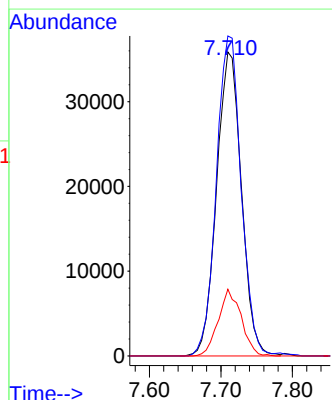
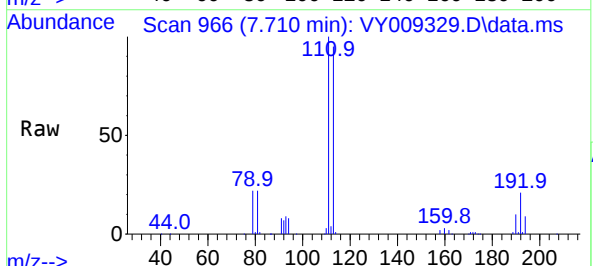
Tgt Ion:113 Resp: 86645

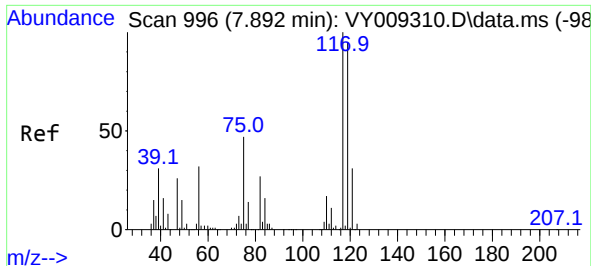
Ion Ratio Lower Upper

113 100

111 105.1 80.6 120.8

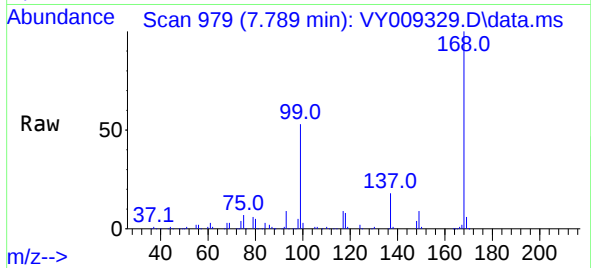
192 20.2 16.2 24.4



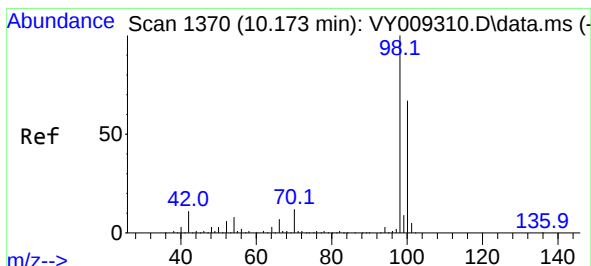
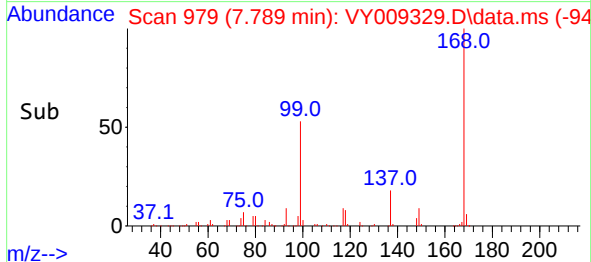
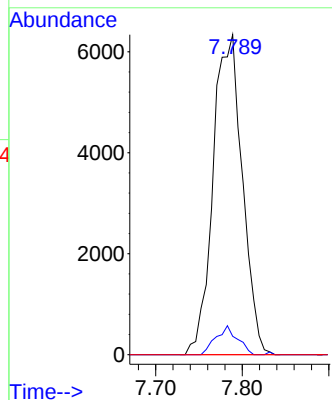


#38
Carbon Tetrachloride
Concen: 5.612 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18

Instrument :
MSVOA_Y
ClientSampleId :

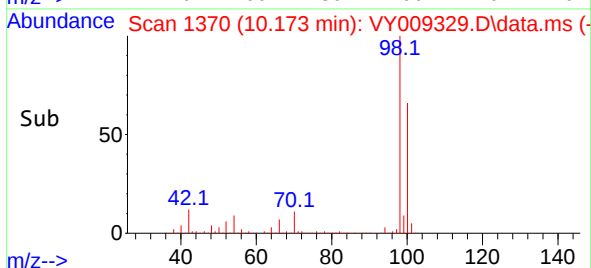
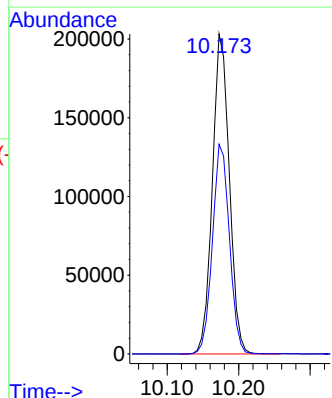
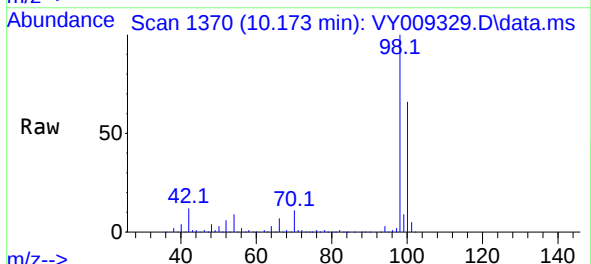


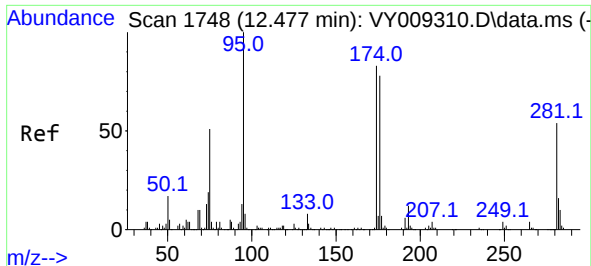
Tgt Ion:117 Resp: 14861
Ion Ratio Lower Upper
117 100
119 5.8 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 78.348 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18

Tgt Ion: 98 Resp: 333993
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3

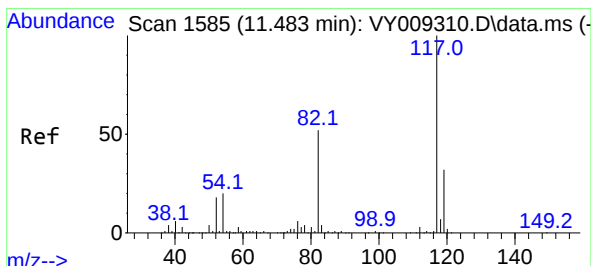
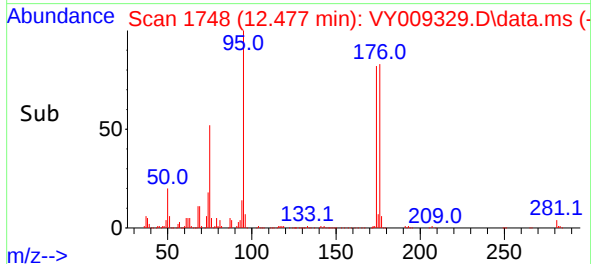
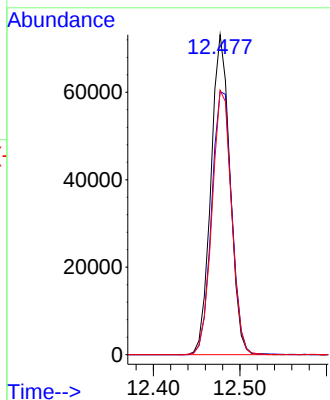
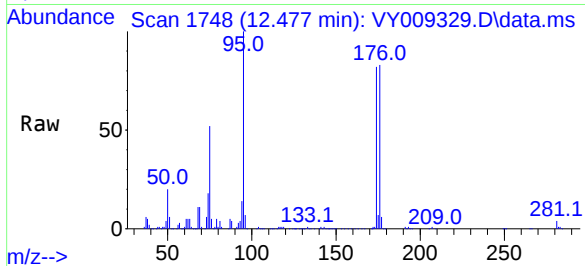




#62
4-Bromofluorobenzene
Concen: 51.279 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18

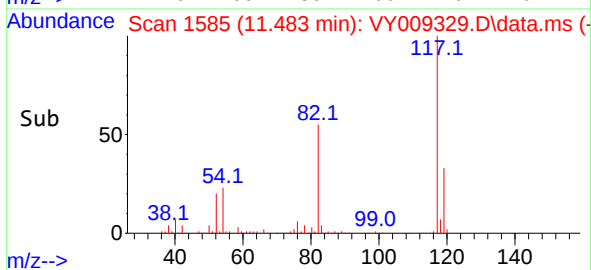
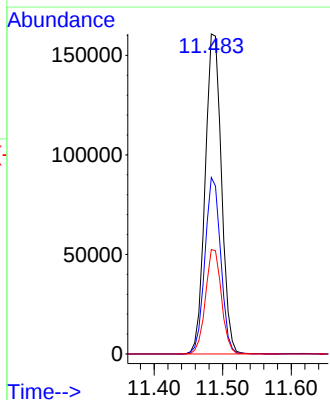
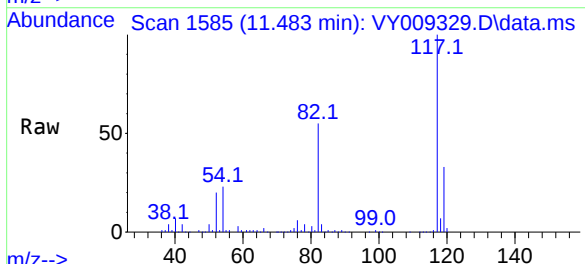
Instrument :
MSVOA_Y
ClientSampleId :

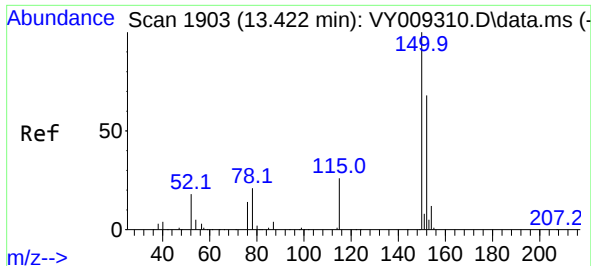
Tgt Ion: 95 Resp: 112063
Ion Ratio Lower Upper
95 100
174 87.0 0.0 173.8
176 84.3 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18

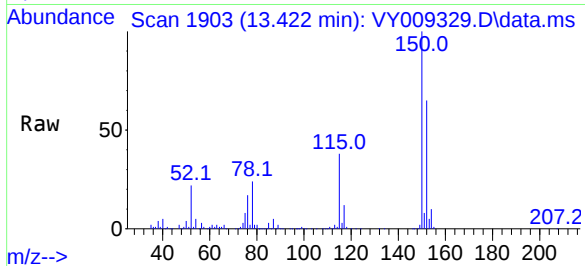
Tgt Ion:117 Resp: 265730
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.6
119 32.7 25.6 38.4



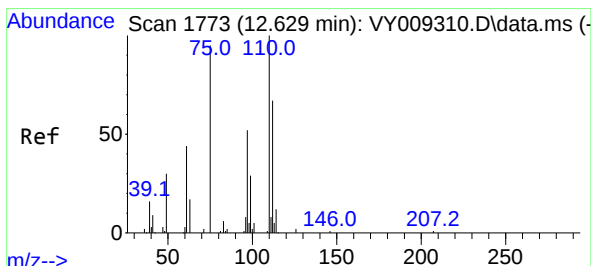
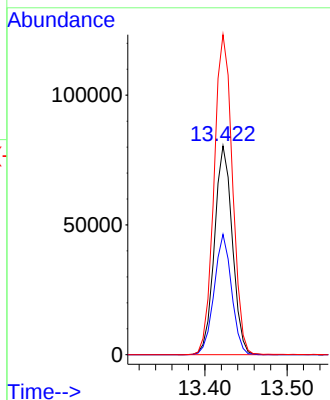
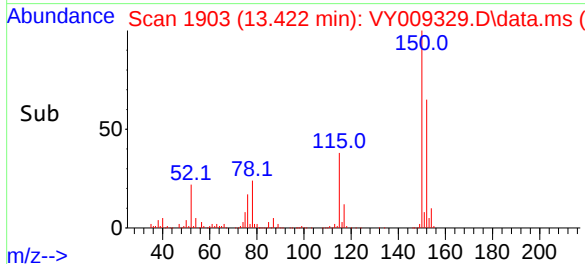


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18

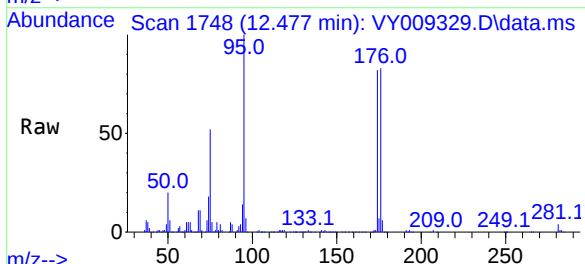
Instrument :
MSVOA_Y
ClientSampleId :



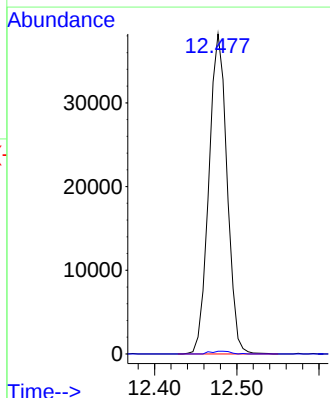
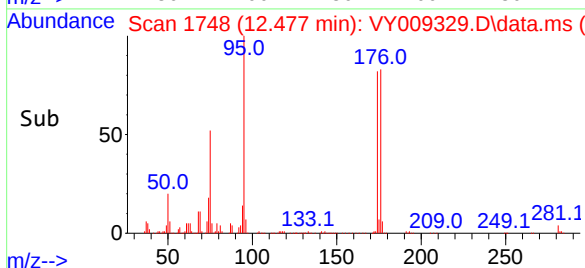
Tgt Ion:152 Resp: 121379
Ion Ratio Lower Upper
152 100
115 56.2 28.6 85.9
150 158.1 0.0 349.8

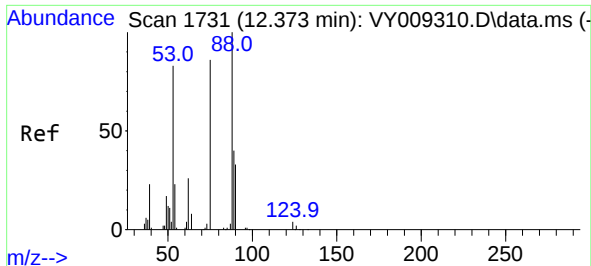


#76
1,2,3-Trichloropropane
Concen: 49.976 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009329.D
Acq: 25 Jun 2022 17:18



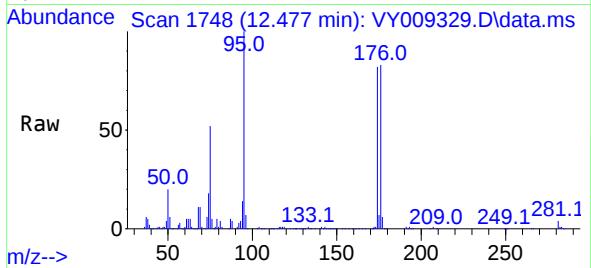
Tgt Ion: 75 Resp: 58866
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.930 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009329.D
 Acq: 25 Jun 2022 17:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 58866
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.3 38.1 57.1#

