

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009335.D
 Acq On : 25 Jun 2022 19:39
 Operator : KP/MD
 Sample : N3488-15
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:33:49 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)

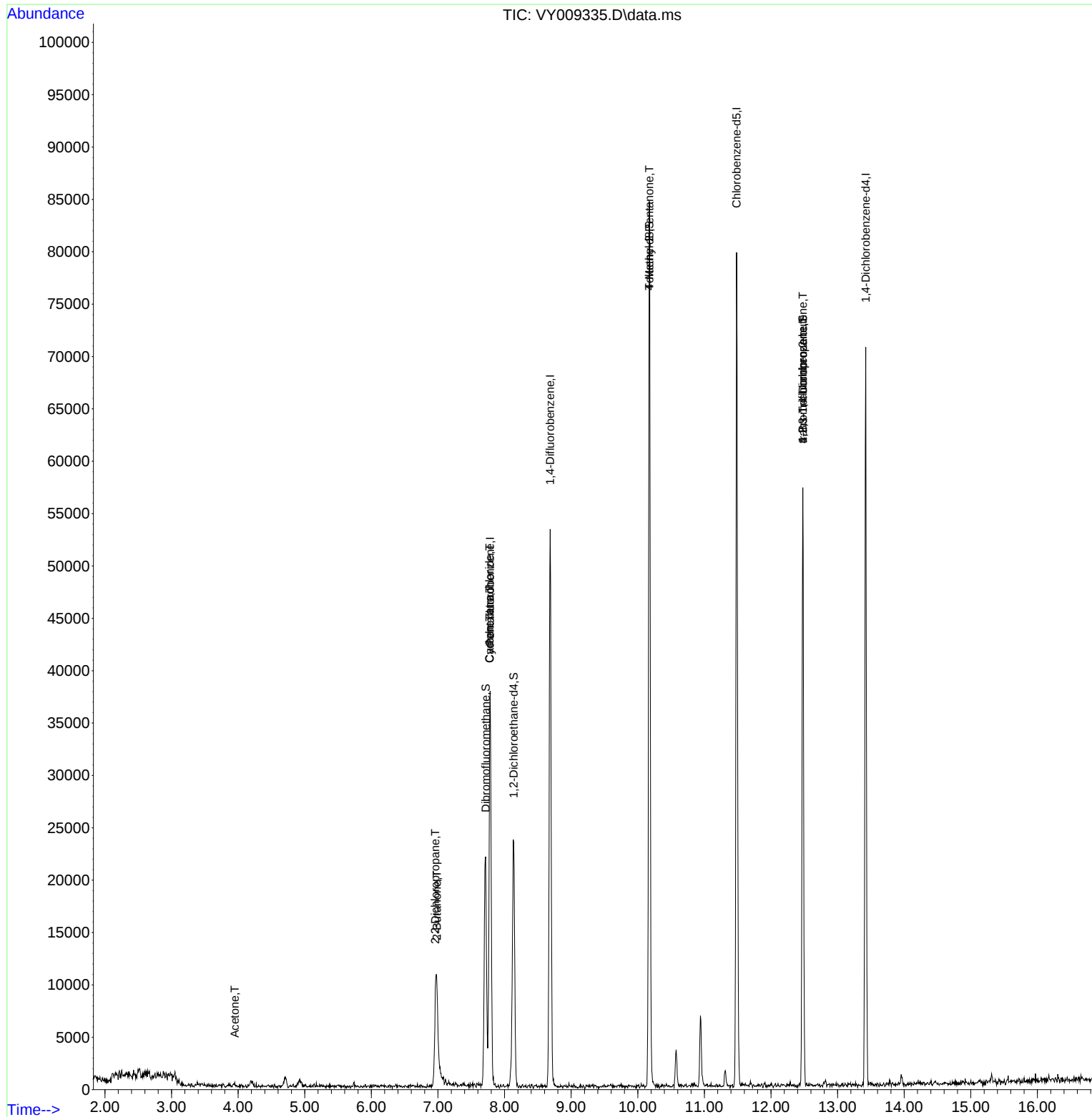
Internal Standards						
1) Pentafluorobenzene	7.783	168	29230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	44990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	40720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	17595	82.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.920%#	
35) Dibromofluoromethane	7.716	113	15226	62.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.400%	
50) Toluene-d8	10.173	98	54185	80.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 161.020%#	
62) 4-Bromofluorobenzene	12.477	95	15539	44.930	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	169	Below Cal	#	89
16) Acetone	3.948	43	391	5.232	ug/l #	45
20) Methylene Chloride	4.698	84	592	Below Cal	#	76
25) 2-Butanone	6.984	43	627	5.579	ug/l #	48
26) 2,2-Dichloropropane	6.960	77	1062	2.094	ug/l #	52
31) Cyclohexane	7.777	56	739	1.398	ug/l #	17
38) Carbon Tetrachloride	7.777	117	2755	6.574	ug/l #	12
51) 4-Methyl-2-Pentanone	10.173	43	298	1.379	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	8348	51.364	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8348	101.678	ug/l #	13

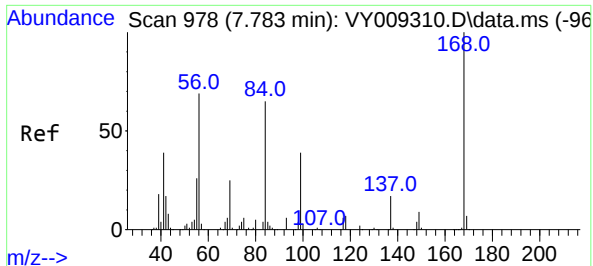
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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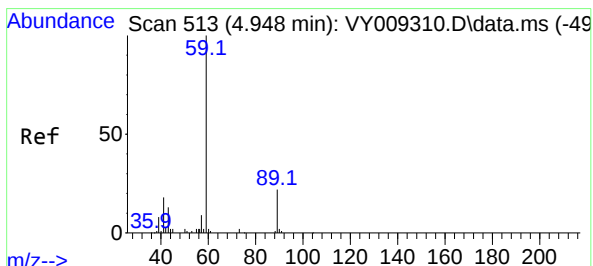
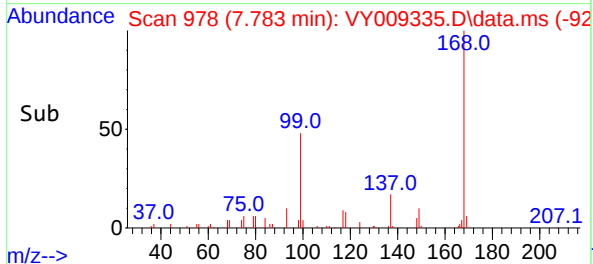
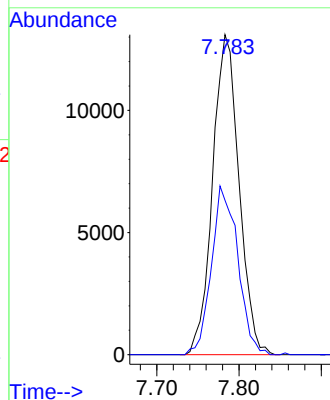
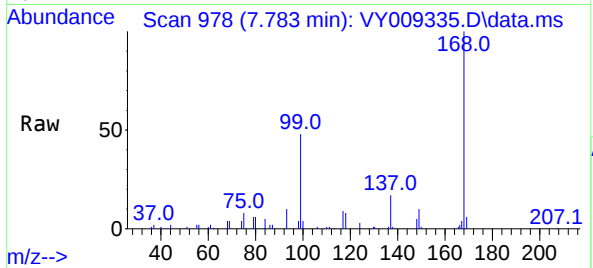




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

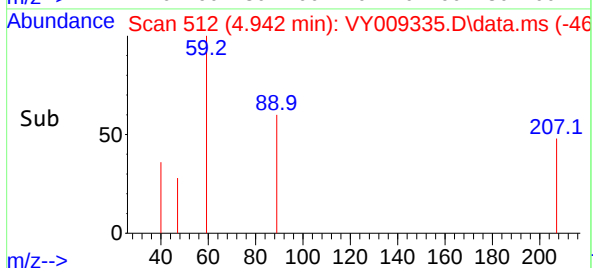
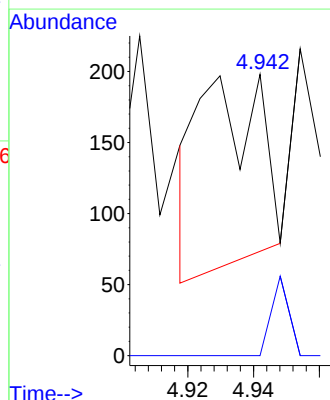
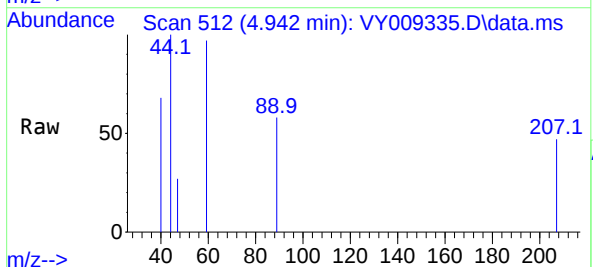
Instrument :
MSVOA_Y
ClientSampleId :

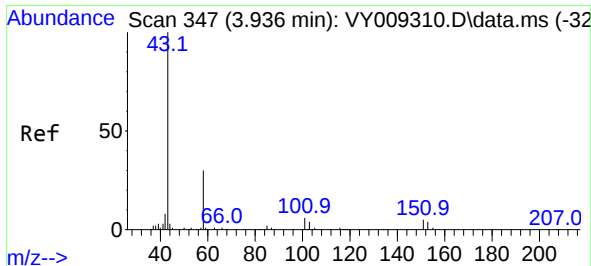
Tgt Ion:168 Resp: 29230
Ion Ratio Lower Upper
168 100
99 48.3 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

Tgt Ion: 59 Resp: 169
Ion Ratio Lower Upper
59 100
57 11.8 6.3 9.5#

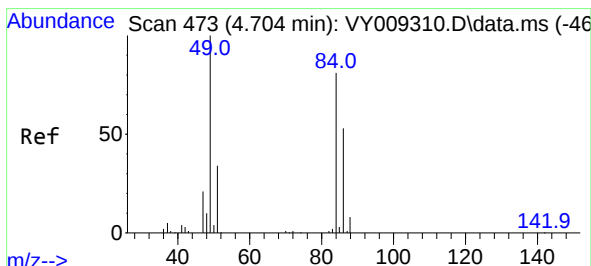
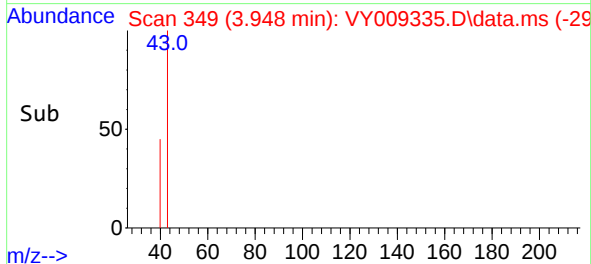
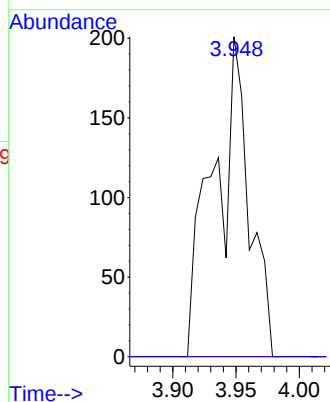
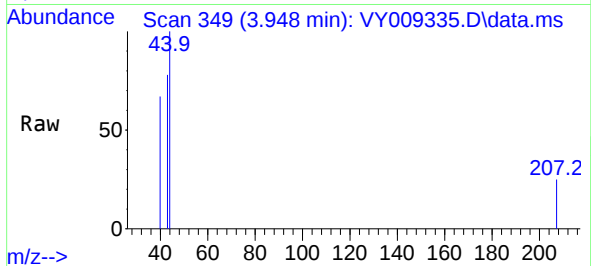




#16
Acetone
Concen: 5.232 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

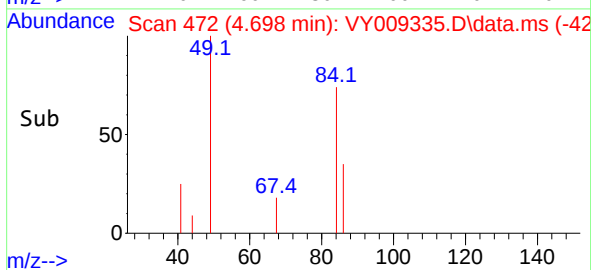
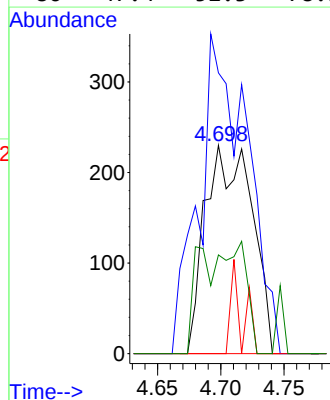
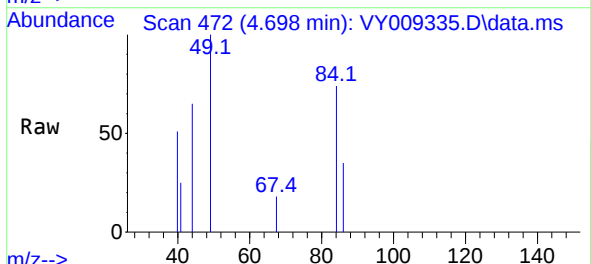
Instrument :
MSVOA_Y
ClientSampleId :

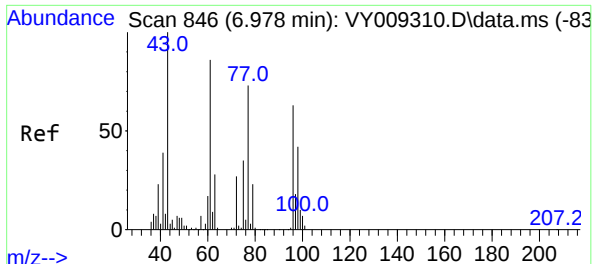
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

Tgt Ion: 84 Resp: 592
Ion Ratio Lower Upper
84 100
49 134.8 98.2 147.4
51 0.0 33.4 50.0#
86 47.4 52.3 78.5#





#25

2-Butanone

Concen: 5.579 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY009335.D

Acq: 25 Jun 2022 19:39

Instrument :

MSVOA_Y

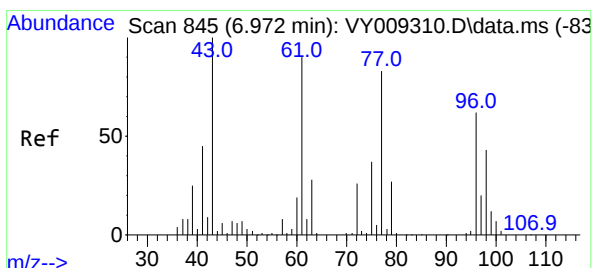
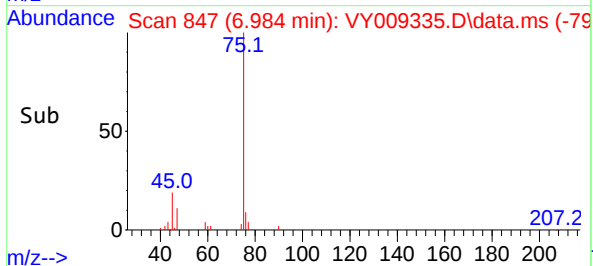
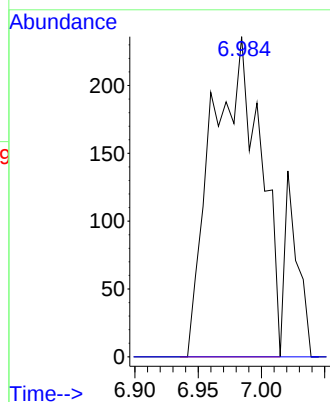
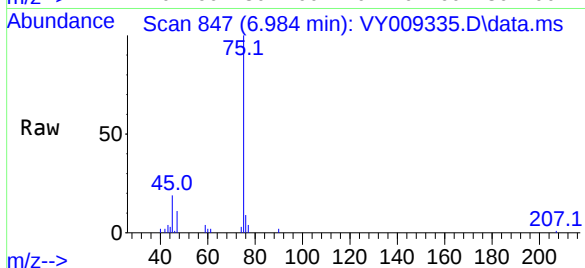
ClientSampleId :

Tgt Ion: 43 Resp: 627

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 2.094 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.012 min

Lab File: VY009335.D

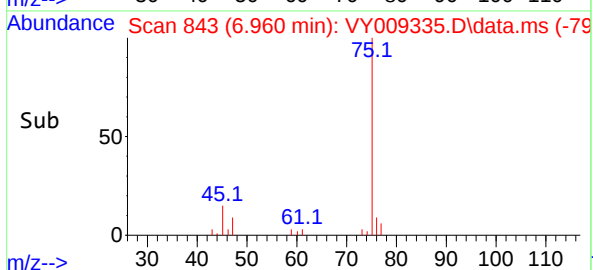
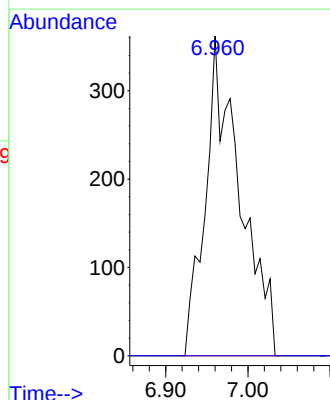
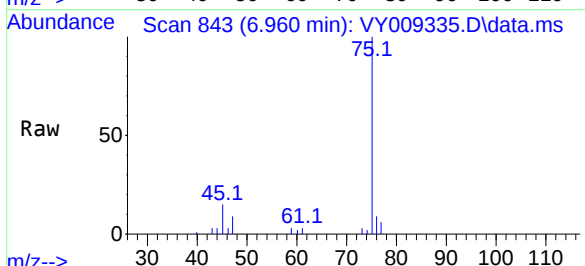
Acq: 25 Jun 2022 19:39

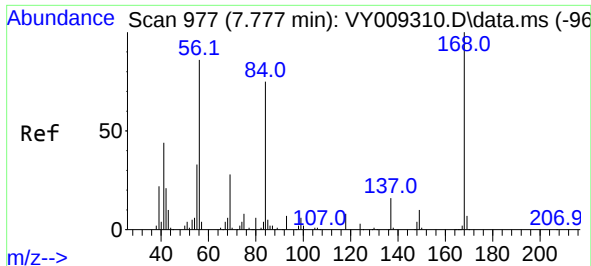
Tgt Ion: 77 Resp: 1062

Ion Ratio Lower Upper

77 100

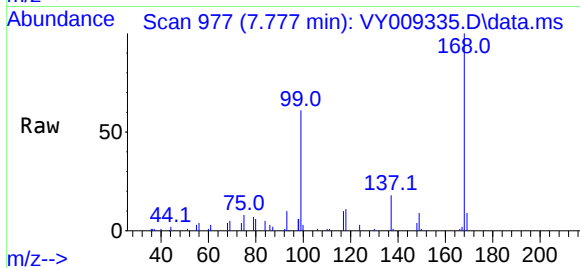
97 0.0 11.7 35.0#



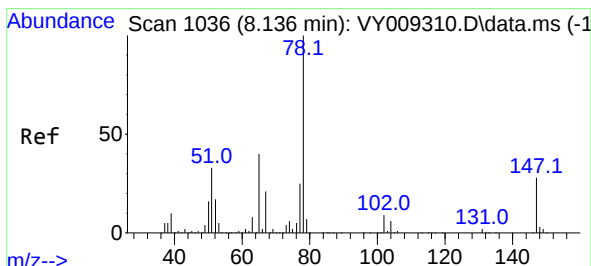
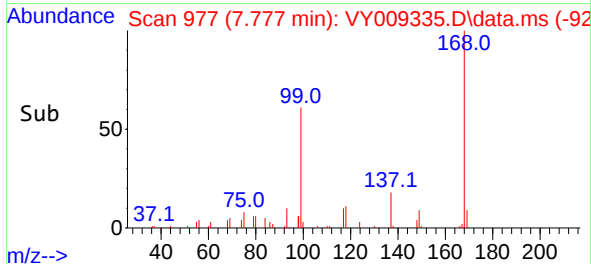
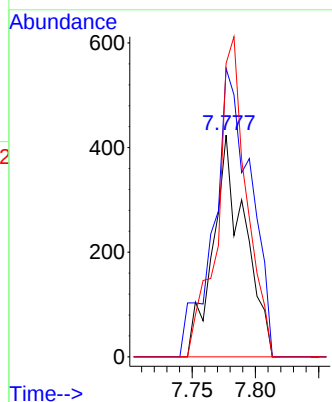


#31
Cyclohexane
Concen: 1.398 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

Instrument :
MSVOA_Y
ClientSampleId :

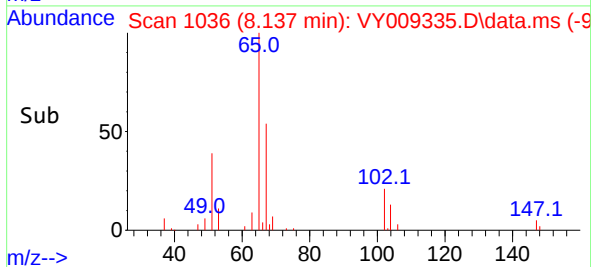
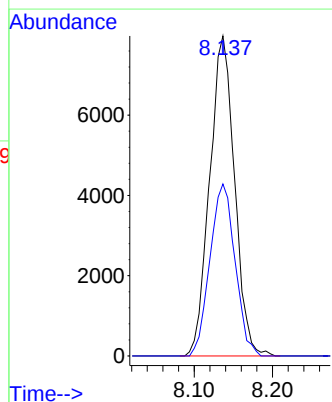
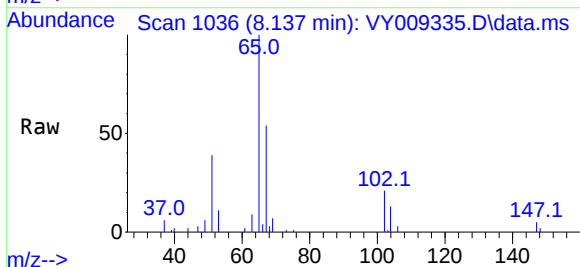


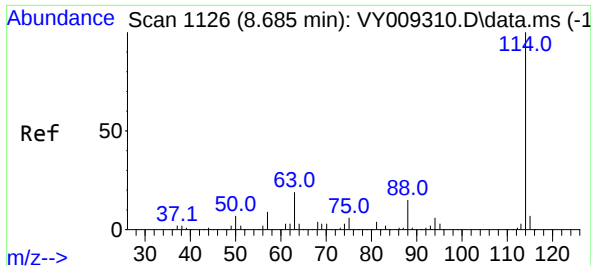
Tgt Ion: 56 Resp: 739
Ion Ratio Lower Upper
56 100
69 130.0 26.0 39.0#
84 132.3 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 82.956 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

Tgt Ion: 65 Resp: 17595
Ion Ratio Lower Upper
65 100
67 54.2 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: VY009335.D

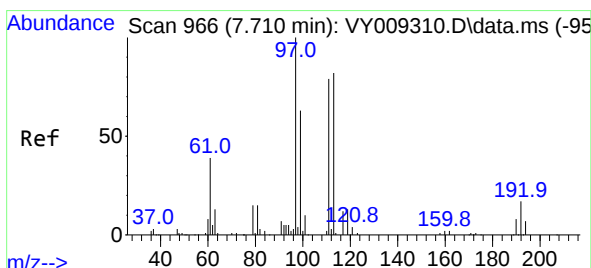
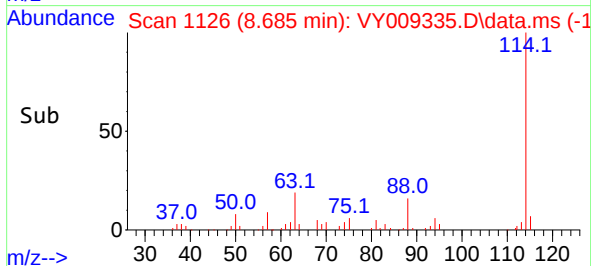
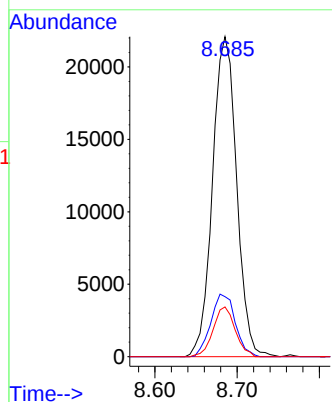
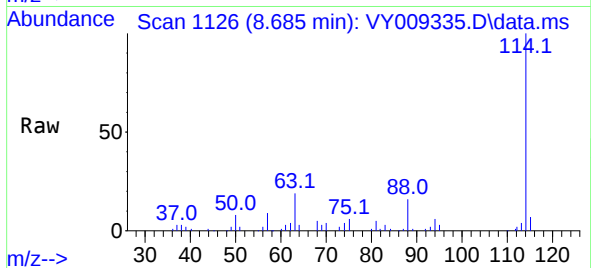
Acq: 25 Jun 2022 19:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	44990
Ion Ratio	Lower	Upper
114	100	
63	18.7	0.0 38.0
88	15.5	0.0 30.0



#35

Dibromofluoromethane

Concen: 62.701 ug/l

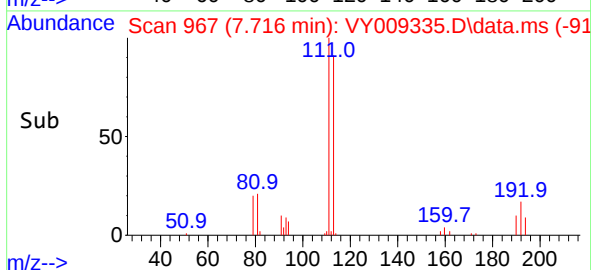
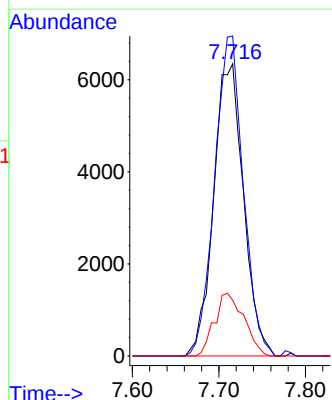
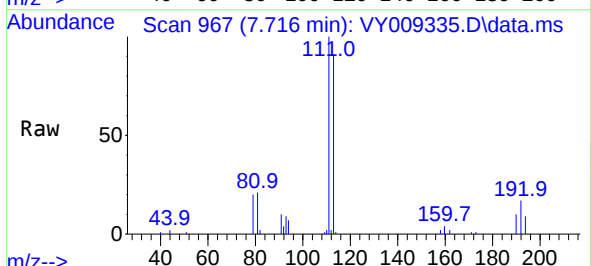
RT: 7.716 min Scan# 967

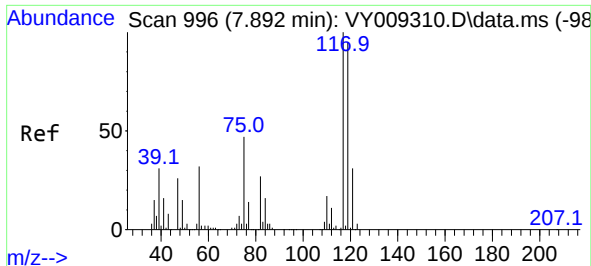
Delta R.T. 0.006 min

Lab File: VY009335.D

Acq: 25 Jun 2022 19:39

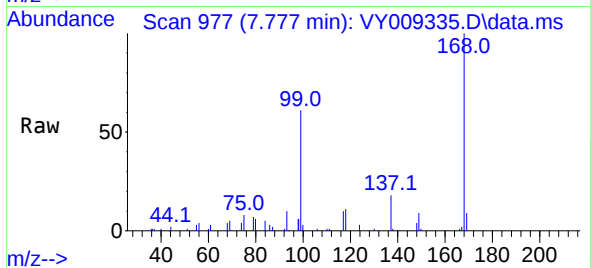
Tgt Ion:113	Resp:	15226
Ion Ratio	Lower	Upper
113	100	
111	105.2	80.6 120.8
192	21.1	16.2 24.4



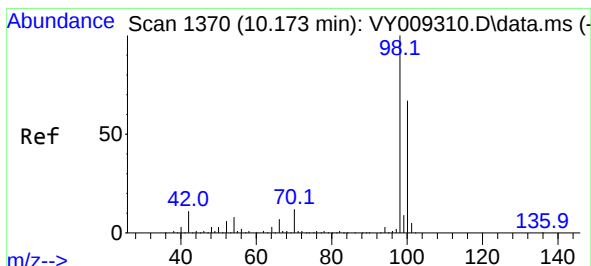
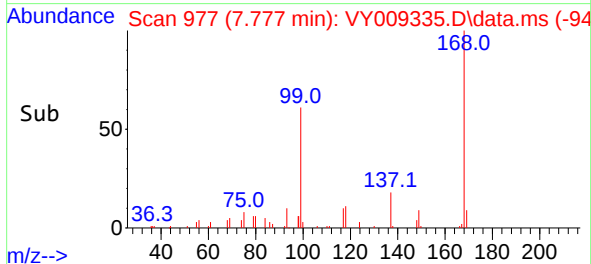
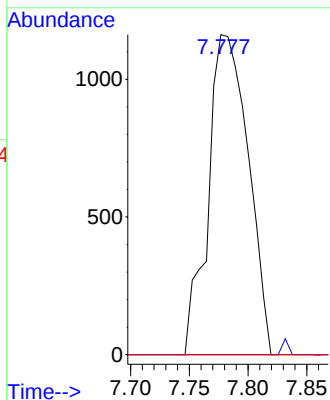


#38
Carbon Tetrachloride
Concen: 6.574 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

Instrument :
MSVOA_Y
ClientSampleId :

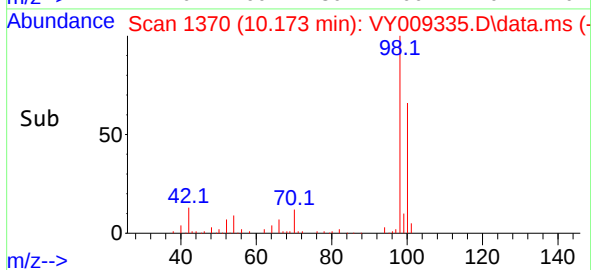
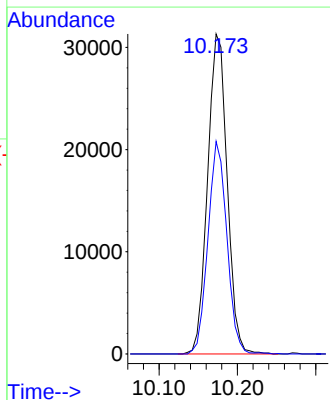
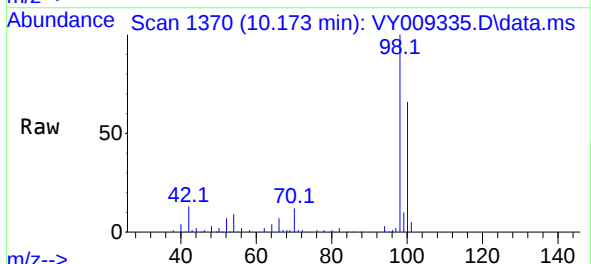


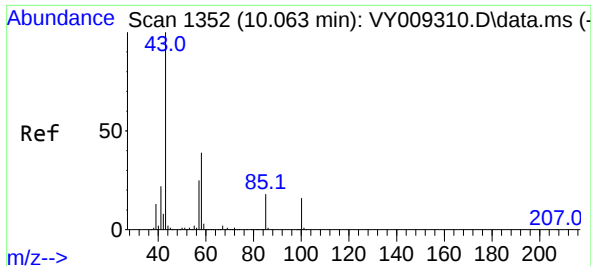
Tgt Ion:117 Resp: 2755
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 80.513 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

Tgt Ion: 98 Resp: 54185
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3

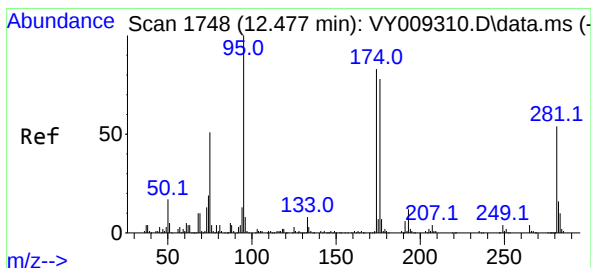
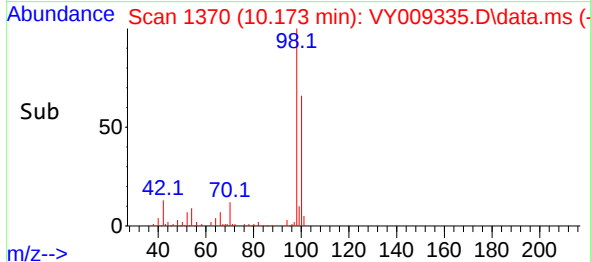
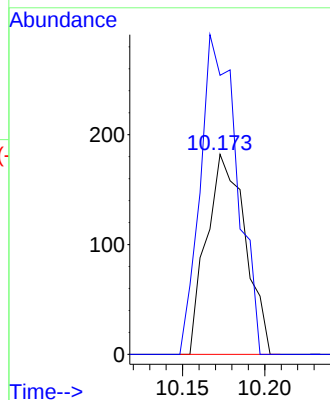
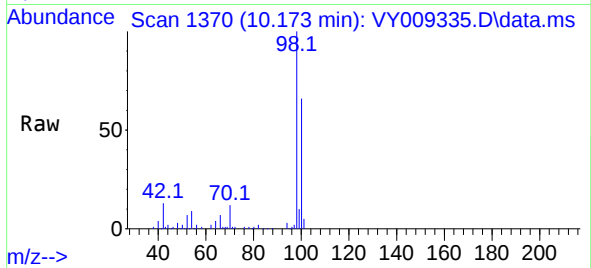




#51
4-Methyl-2-Pentanone
Concen: 1.379 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

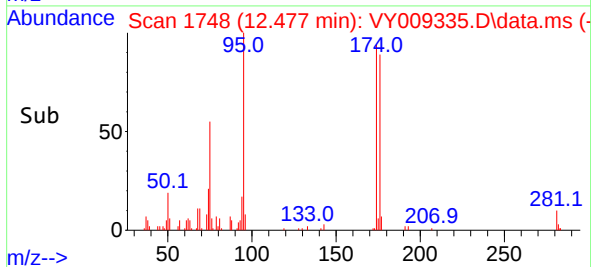
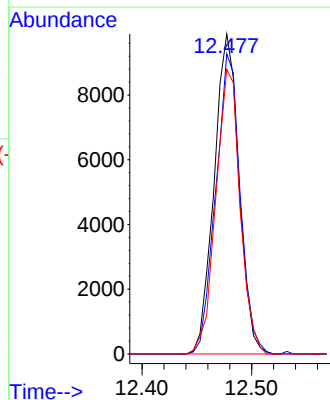
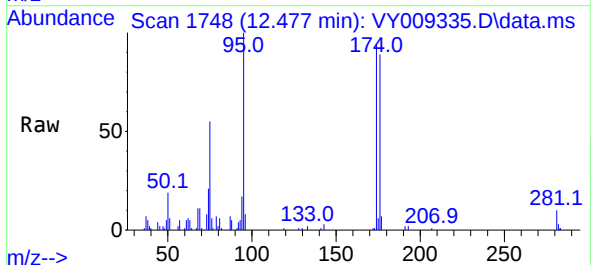
Instrument :
MSVOA_Y
ClientSampleId :

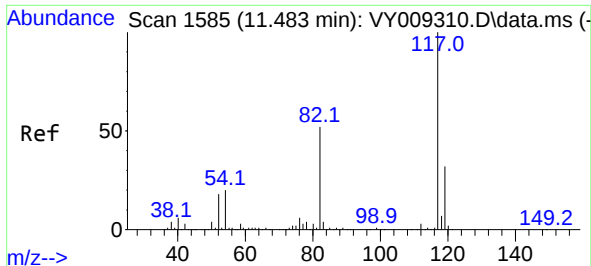
Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
58 151.3 31.5 47.3#



#62
4-Bromofluorobenzene
Concen: 44.930 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

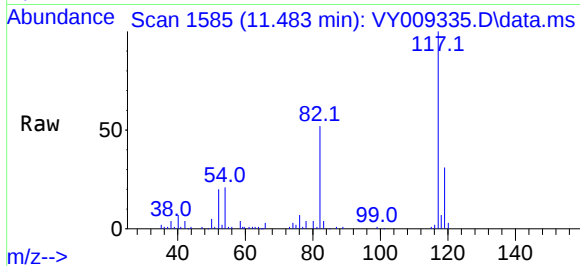
Tgt Ion: 95 Resp: 15539
Ion Ratio Lower Upper
95 100
174 92.5 0.0 173.8
176 86.8 0.0 167.0



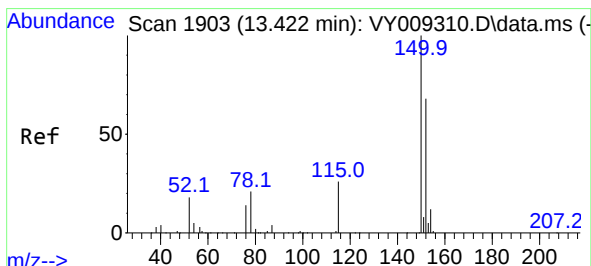
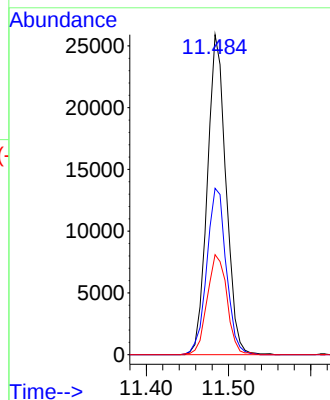
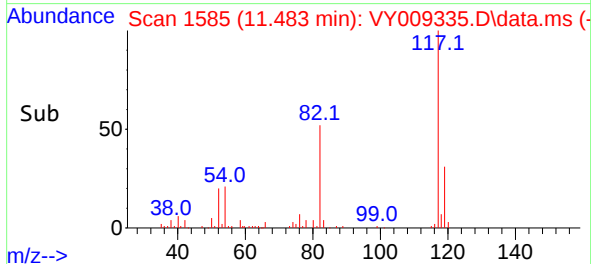


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

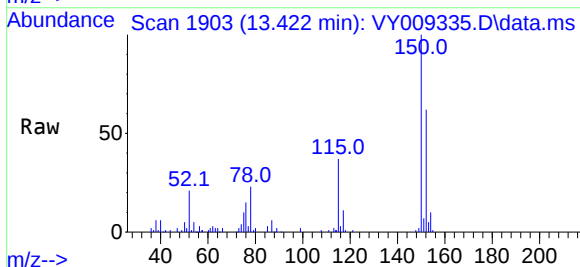
Instrument :
MSVOA_Y
ClientSampleId :



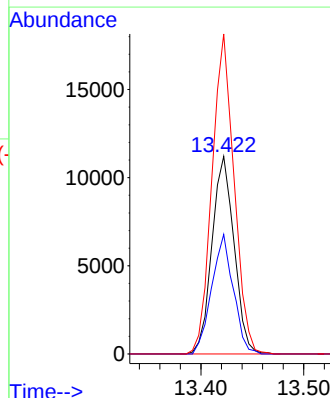
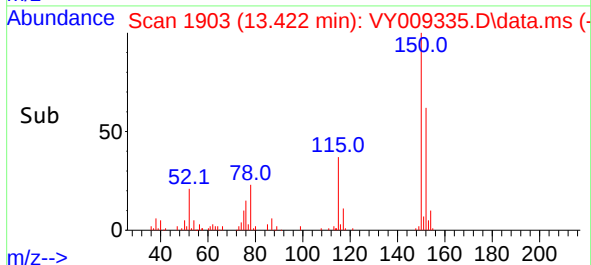
Tgt Ion:117 Resp: 40720
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.6
119 31.2 25.6 38.4

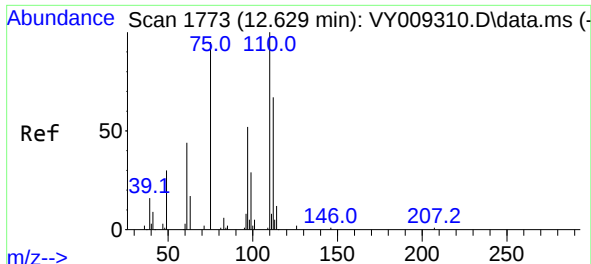


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39



Tgt Ion:152 Resp: 16748
Ion Ratio Lower Upper
152 100
115 59.1 28.6 85.9
150 161.5 0.0 349.8

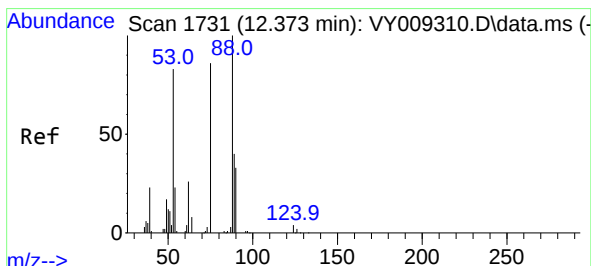
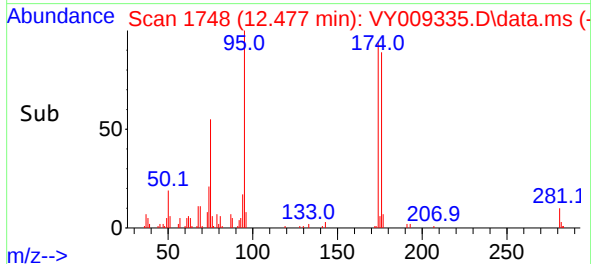
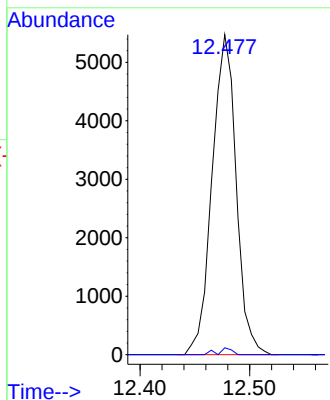
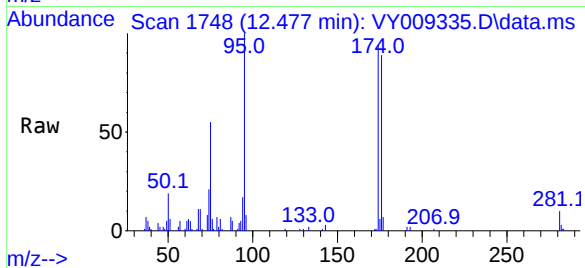




#76
1,2,3-Trichloropropane
Concen: 51.364 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 8348
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.678 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009335.D
Acq: 25 Jun 2022 19:39

Tgt Ion: 75 Resp: 8348
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

