

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009332.D
 Acq On : 25 Jun 2022 18:28
 Operator : KP/MD
 Sample : N3488-12
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:32:32 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)

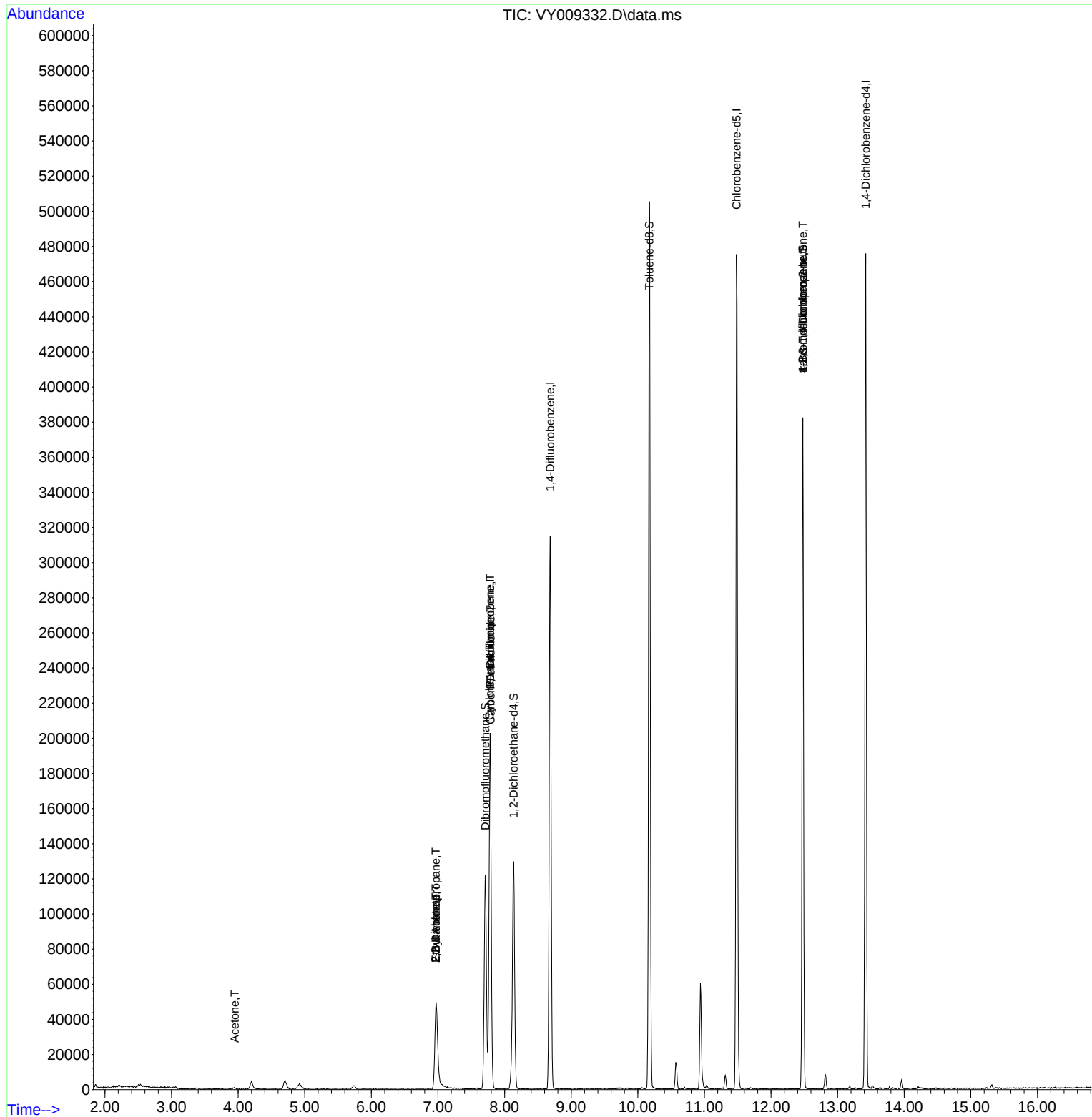
Internal Standards						
1) Pentafluorobenzene	7.783	168	154792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	255599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	91397	81.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.540%	
35) Dibromofluoromethane	7.710	113	83911	58.187	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.380%	
50) Toluene-d8	10.173	98	324512	81.263	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 162.520%#	
62) 4-Bromofluorobenzene	12.477	95	107609	52.393	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	3584	Below Cal	#	78
16) Acetone	3.948	43	1609	4.066	ug/l #	86
20) Methylene Chloride	4.704	84	3639	Below Cal		89
25) 2-Butanone	6.966	43	2945	4.949	ug/l #	80
26) 2,2-Dichloropropane	6.966	77	3827	1.425	ug/l #	52
31) Cyclohexane	7.777	56	3524	1.259	ug/l #	20
36) 1,1-Dichloropropene	7.783	75	11083	4.579	ug/l #	51
37) Ethyl Acetate	6.966	43	2945	2.143	ug/l #	1
38) Carbon Tetrachloride	7.789	117	15060	6.051	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	56457	49.196	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56457	97.386	ug/l #	13

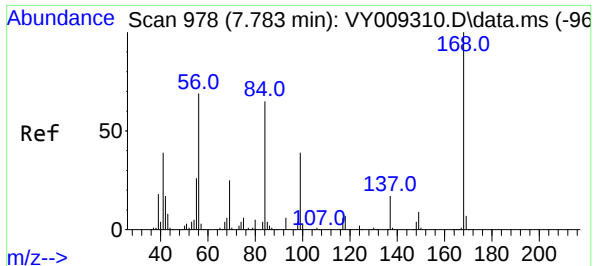
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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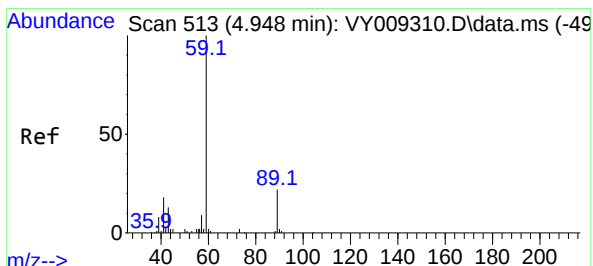
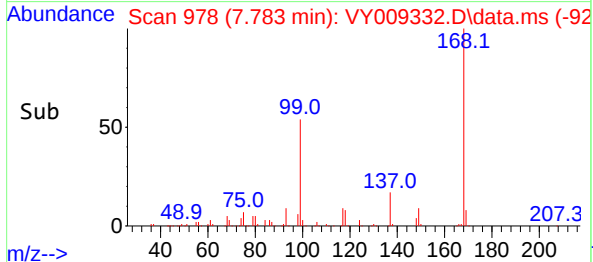
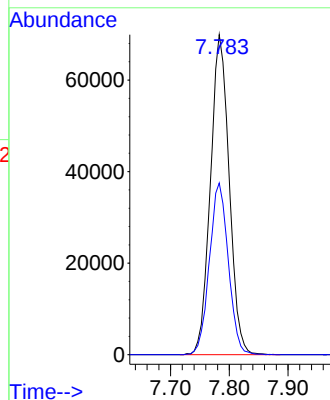
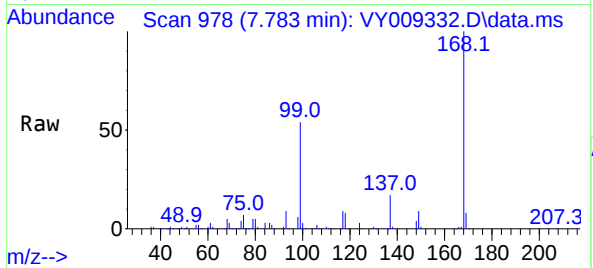




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

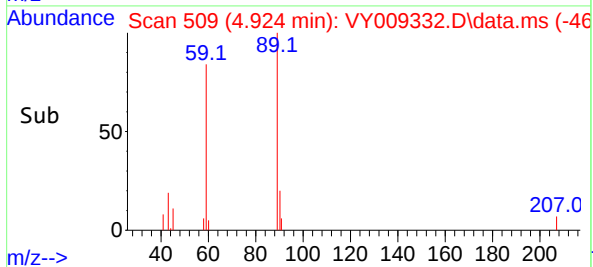
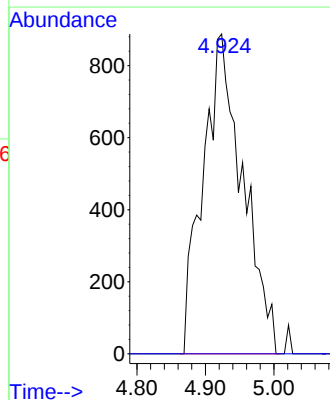
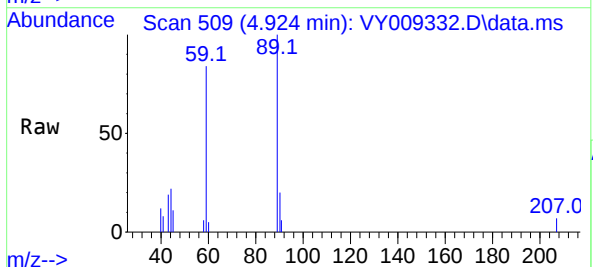
Instrument :
MSVOA_Y
ClientSampleId :

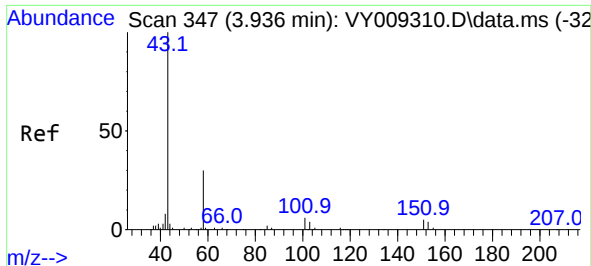
Tgt Ion:168 Resp: 154792
Ion Ratio Lower Upper
168 100
99 53.7 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

Tgt Ion: 59 Resp: 3584
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

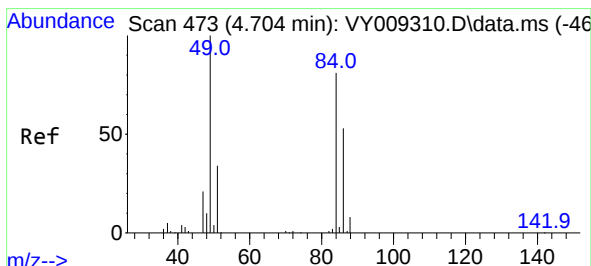
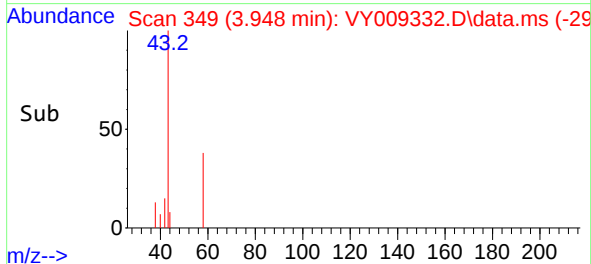
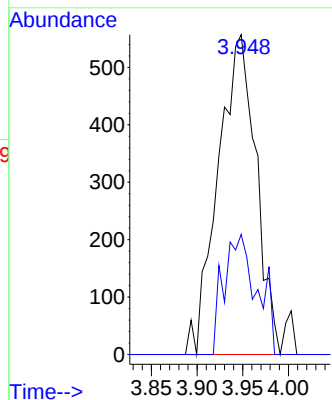
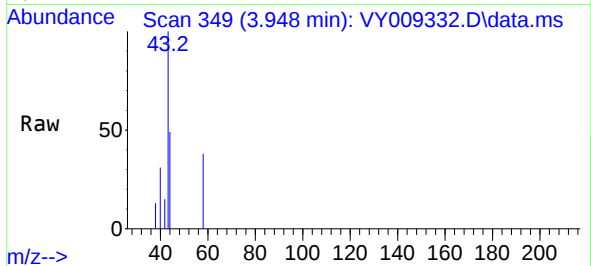




#16
Acetone
Concen: 4.066 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

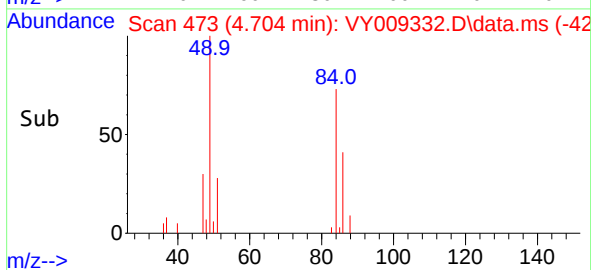
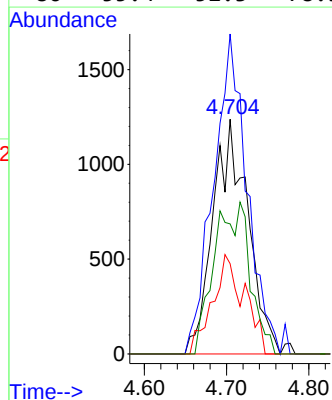
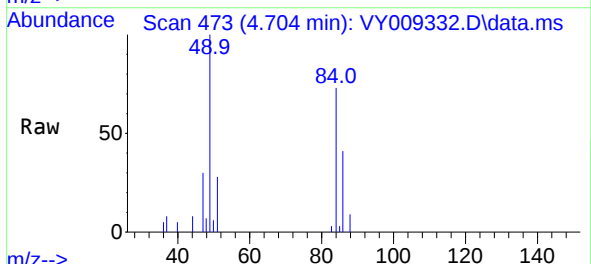
Instrument :
MSVOA_Y
ClientSampleId :

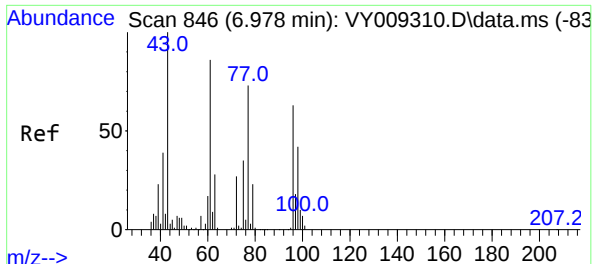
Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
58 37.5 24.0 36.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

Tgt Ion: 84 Resp: 3639
Ion Ratio Lower Upper
84 100
49 136.3 98.2 147.4
51 38.4 33.4 50.0
86 55.4 52.3 78.5





#25

2-Butanone

Concen: 4.949 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.012 min

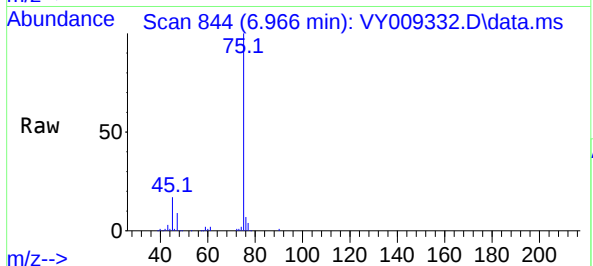
Lab File: VY009332.D

Acq: 25 Jun 2022 18:28

Instrument :

MSVOA_Y

ClientSampleId :

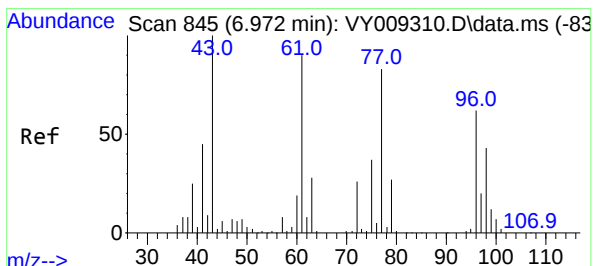
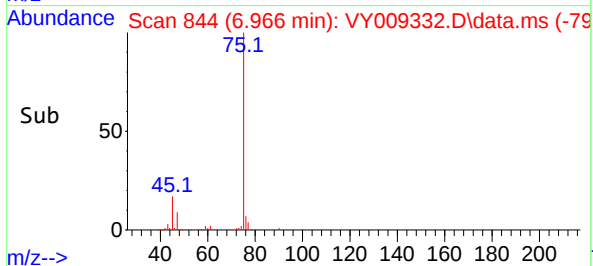
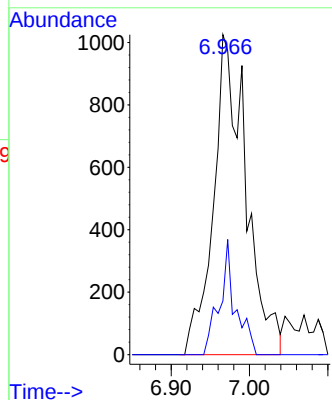


Tgt Ion: 43 Resp: 2945

Ion Ratio Lower Upper

43 100

72 16.8 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 1.425 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009332.D

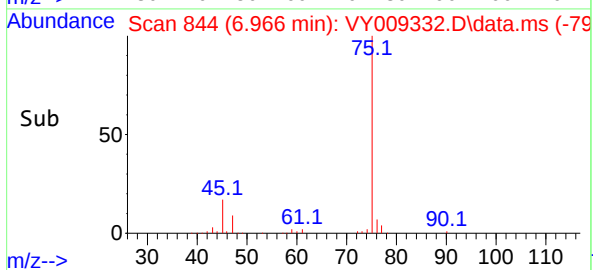
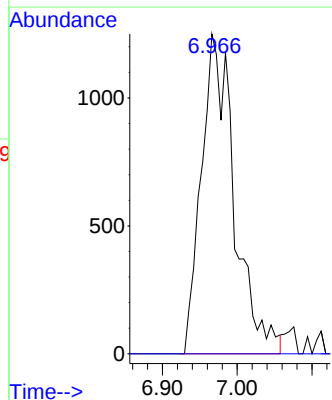
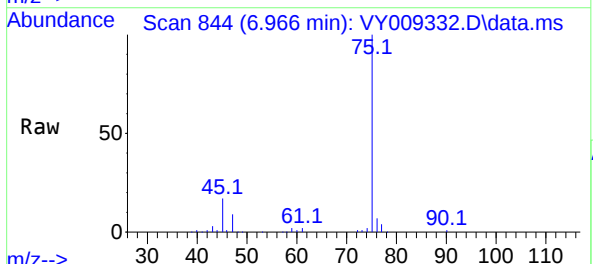
Acq: 25 Jun 2022 18:28

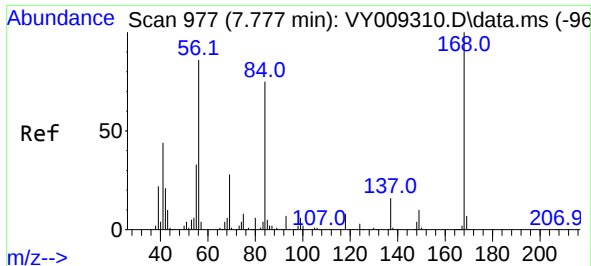
Tgt Ion: 77 Resp: 3827

Ion Ratio Lower Upper

77 100

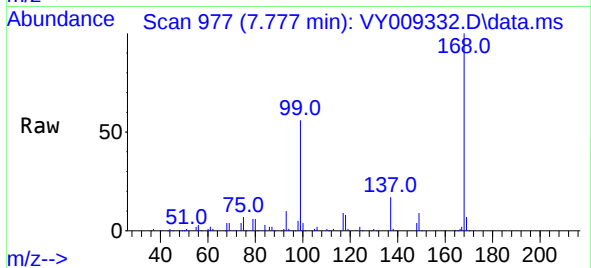
97 0.0 11.7 35.0#



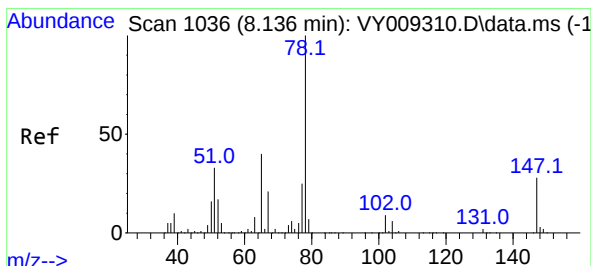
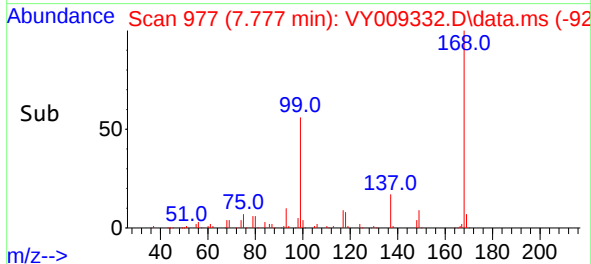
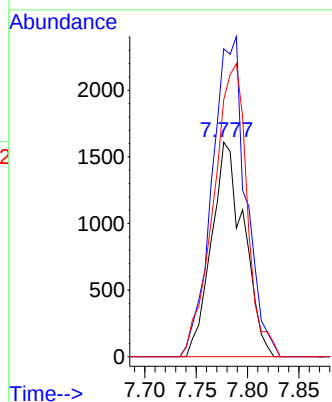


#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

Instrument :
MSVOA_Y
ClientSampleId :

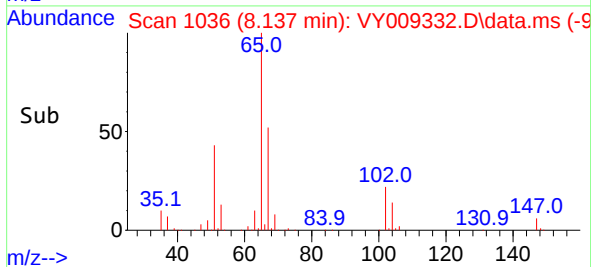
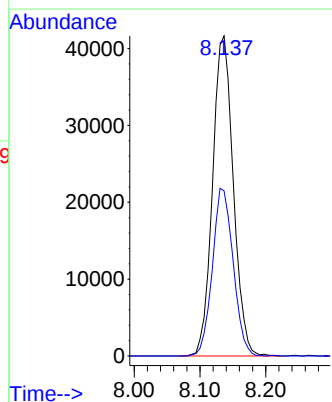
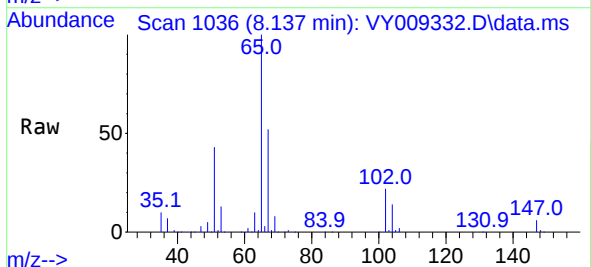


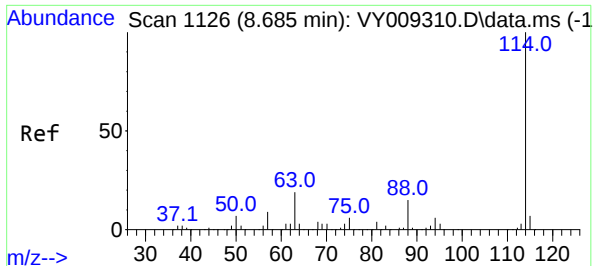
Tgt Ion: 56 Resp: 3524
Ion Ratio Lower Upper
56 100
69 143.6 26.0 39.0#
84 119.9 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 81.275 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

Tgt Ion: 65 Resp: 91397
Ion Ratio Lower Upper
65 100
67 52.5 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: VY009332.D

Acq: 25 Jun 2022 18:28

Instrument :

MSVOA_Y

ClientSampleId :

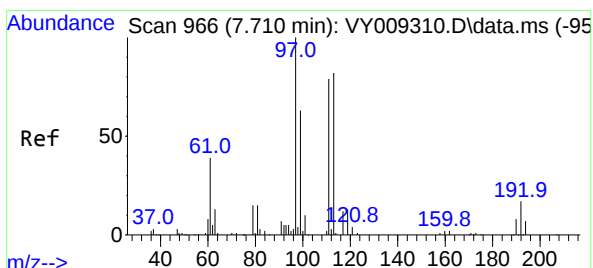
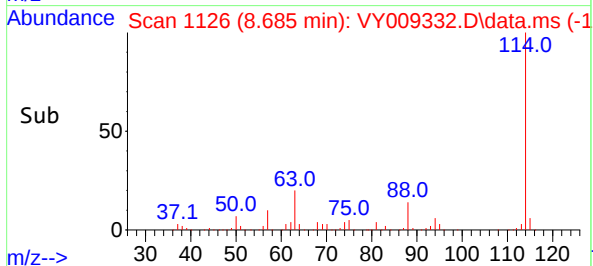
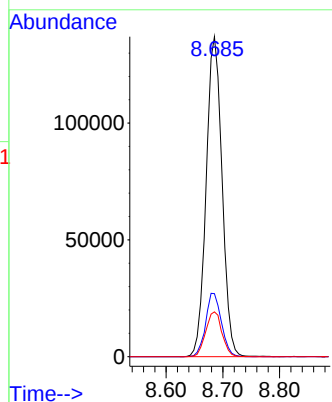
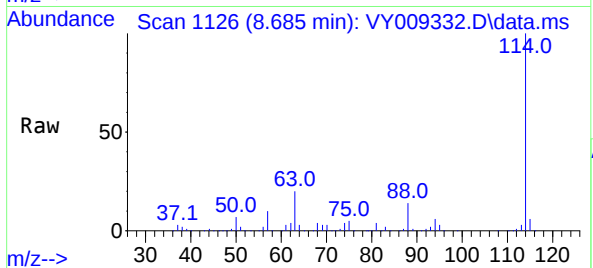
Tgt Ion:114 Resp: 267176

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

88 14.0 0.0 30.0



#35

Dibromofluoromethane

Concen: 58.187 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009332.D

Acq: 25 Jun 2022 18:28

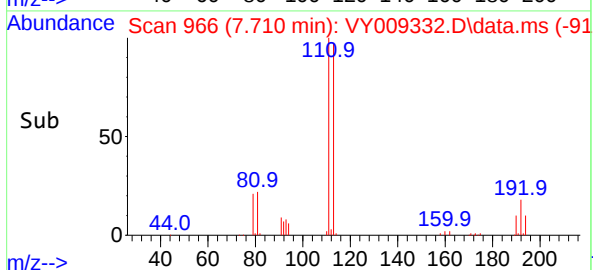
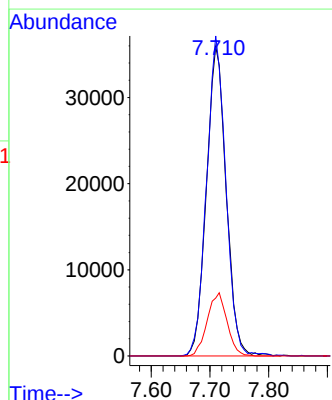
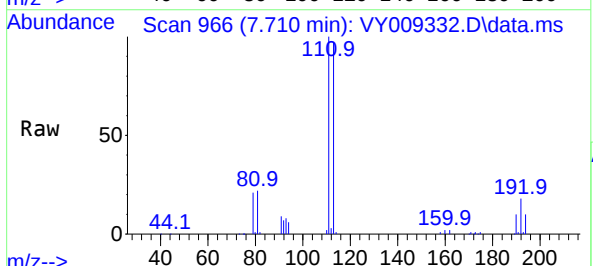
Tgt Ion:113 Resp: 83911

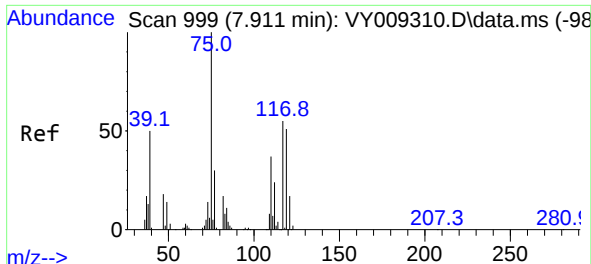
Ion Ratio Lower Upper

113 100

111 100.9 80.6 120.8

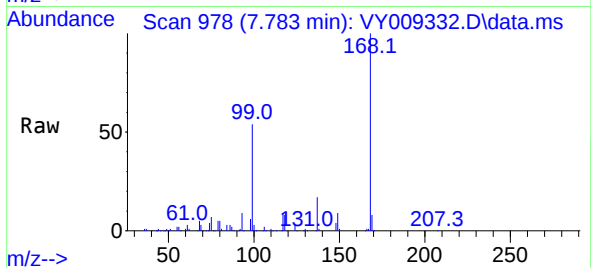
192 20.4 16.2 24.4



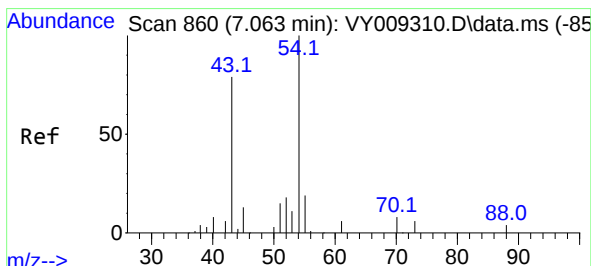
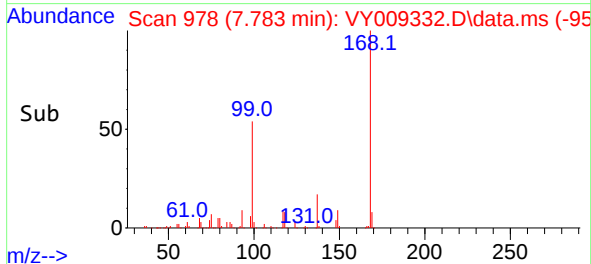
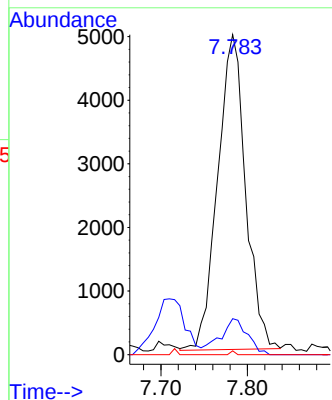


#36
1,1-Dichloropropene
Concen: 4.579 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

Instrument :
MSVOA_Y
ClientSampleId :

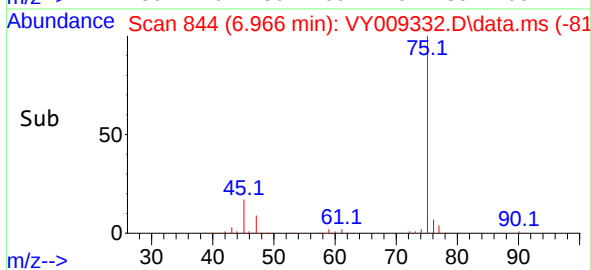
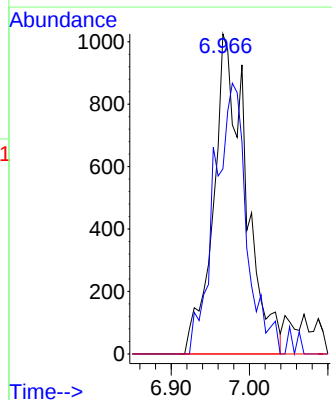
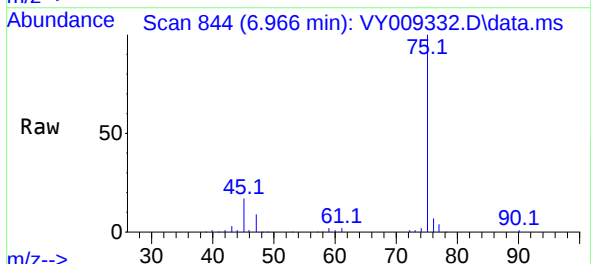


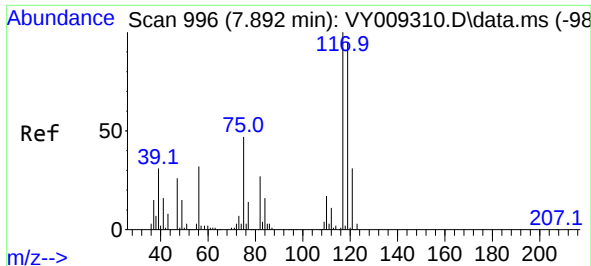
Tgt Ion: 75 Resp: 11083
Ion Ratio Lower Upper
75 100
110 11.2 18.6 56.0#
77 0.2 25.0 37.4#



#37
Ethyl Acetate
Concen: 2.143 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.097 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

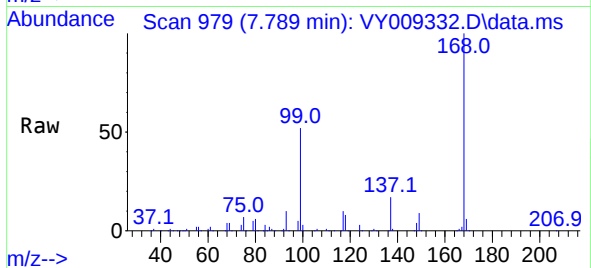
Tgt Ion: 43 Resp: 2945
Ion Ratio Lower Upper
43 100
61 84.2 11.2 16.8#
70 0.0 8.4 12.6#



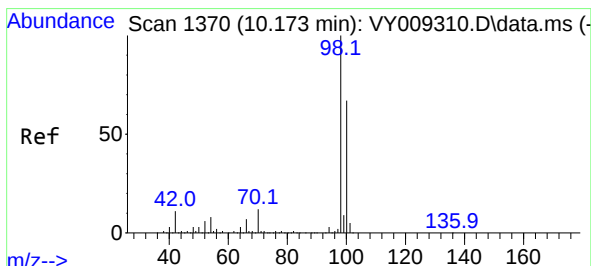
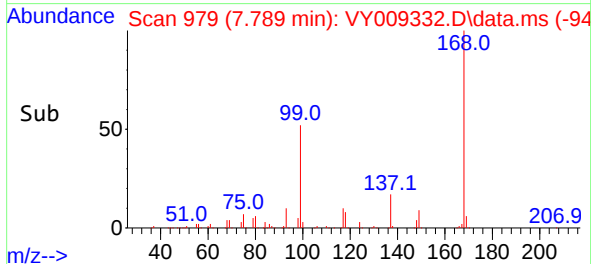
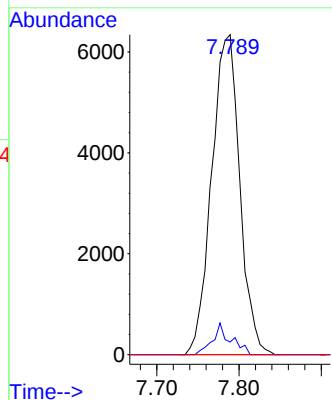


#38
Carbon Tetrachloride
Concen: 6.051 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

Instrument :
MSVOA_Y
ClientSampleId :

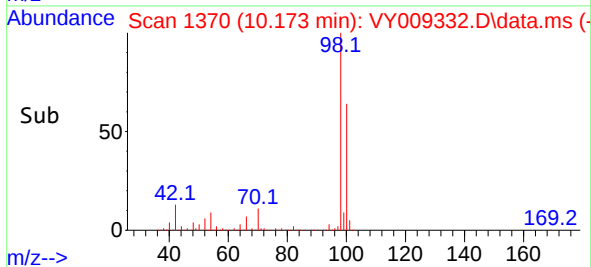
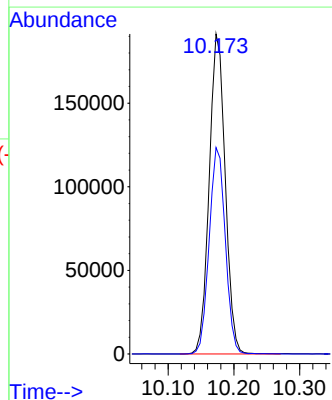
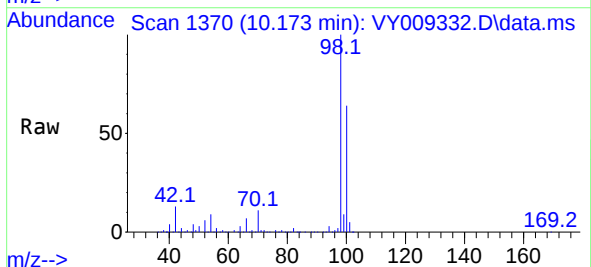


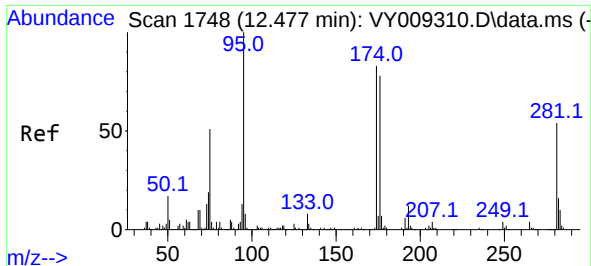
Tgt Ion:117 Resp: 15060
Ion Ratio Lower Upper
117 100
119 4.0 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 81.263 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

Tgt Ion: 98 Resp: 324512
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3

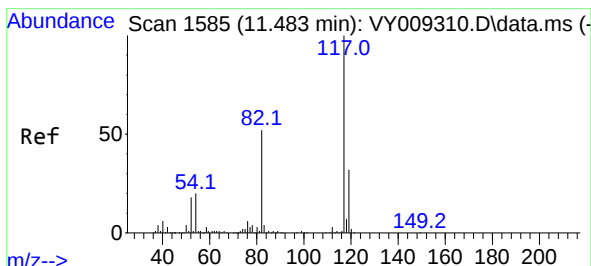
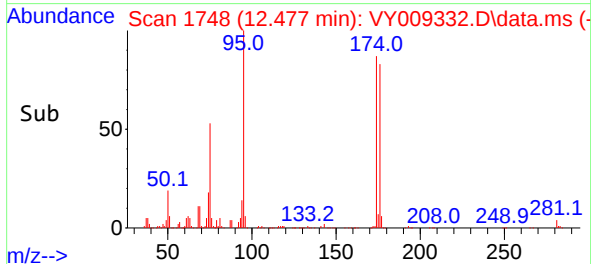
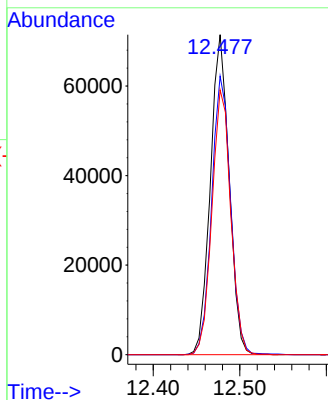
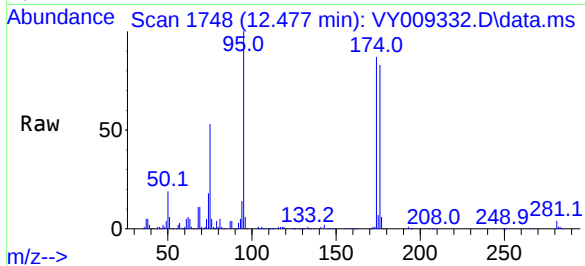




#62
4-Bromofluorobenzene
Concen: 52.393 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

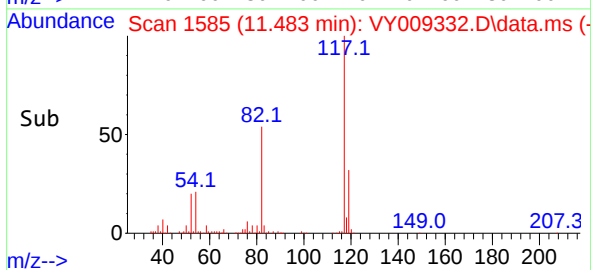
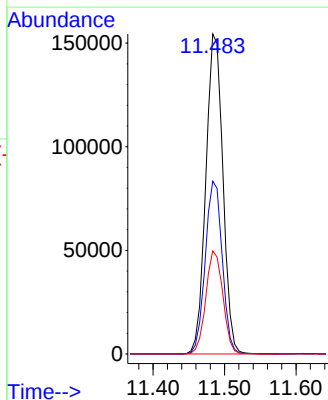
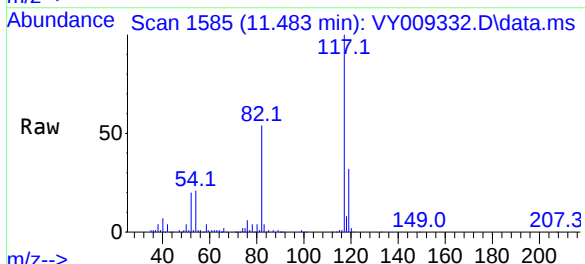
Instrument :
MSVOA_Y
ClientSampleId :

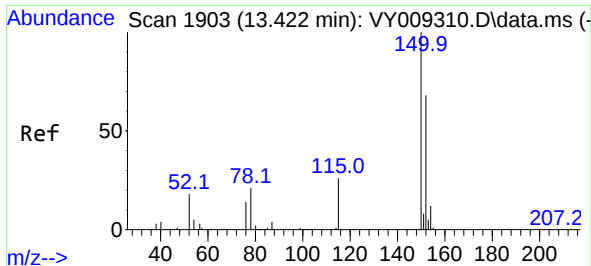
Tgt Ion: 95 Resp: 107609
Ion Ratio Lower Upper
95 100
174 88.0 0.0 173.8
176 83.1 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

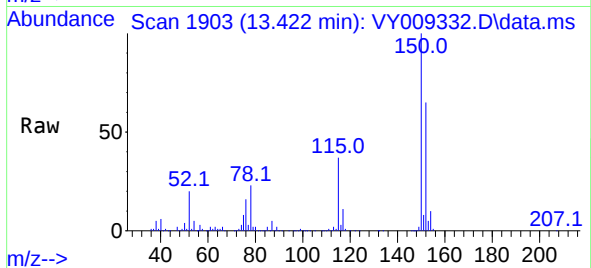
Tgt Ion: 117 Resp: 255599
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.6
119 32.2 25.6 38.4



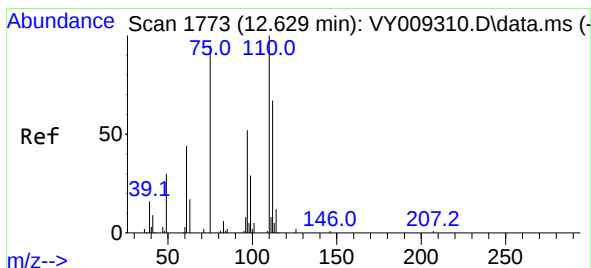
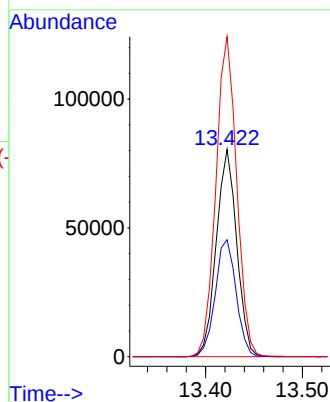
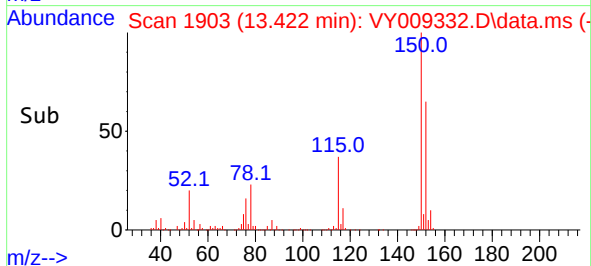


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

Instrument :
MSVOA_Y
ClientSampleId :

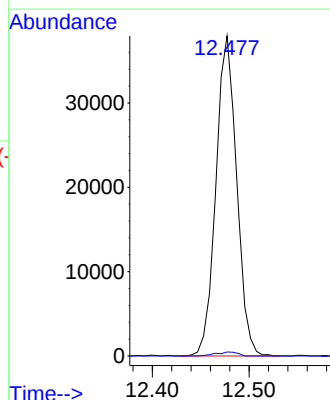
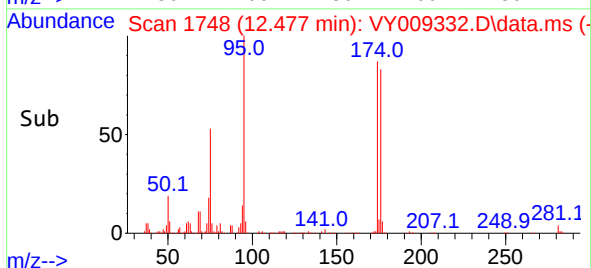
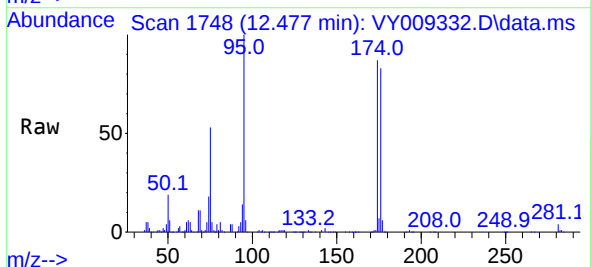


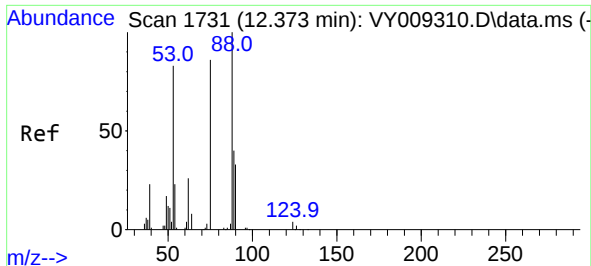
Tgt Ion:152 Resp: 118257
Ion Ratio Lower Upper
152 100
115 57.6 28.6 85.9
150 157.1 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 49.196 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009332.D
Acq: 25 Jun 2022 18:28

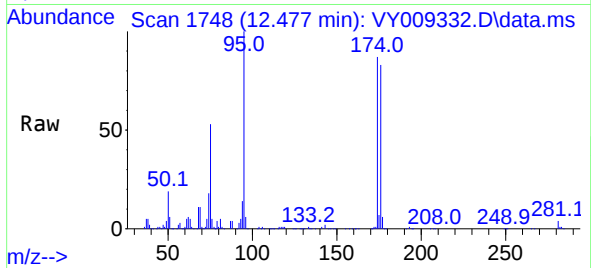
Tgt Ion: 75 Resp: 56457
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.386 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009332.D
 Acq: 25 Jun 2022 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56457
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.1 38.1 57.1#

