

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009328.D
 Acq On : 25 Jun 2022 16:55
 Operator : KP/MD
 Sample : N3488-08
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:30:58 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)

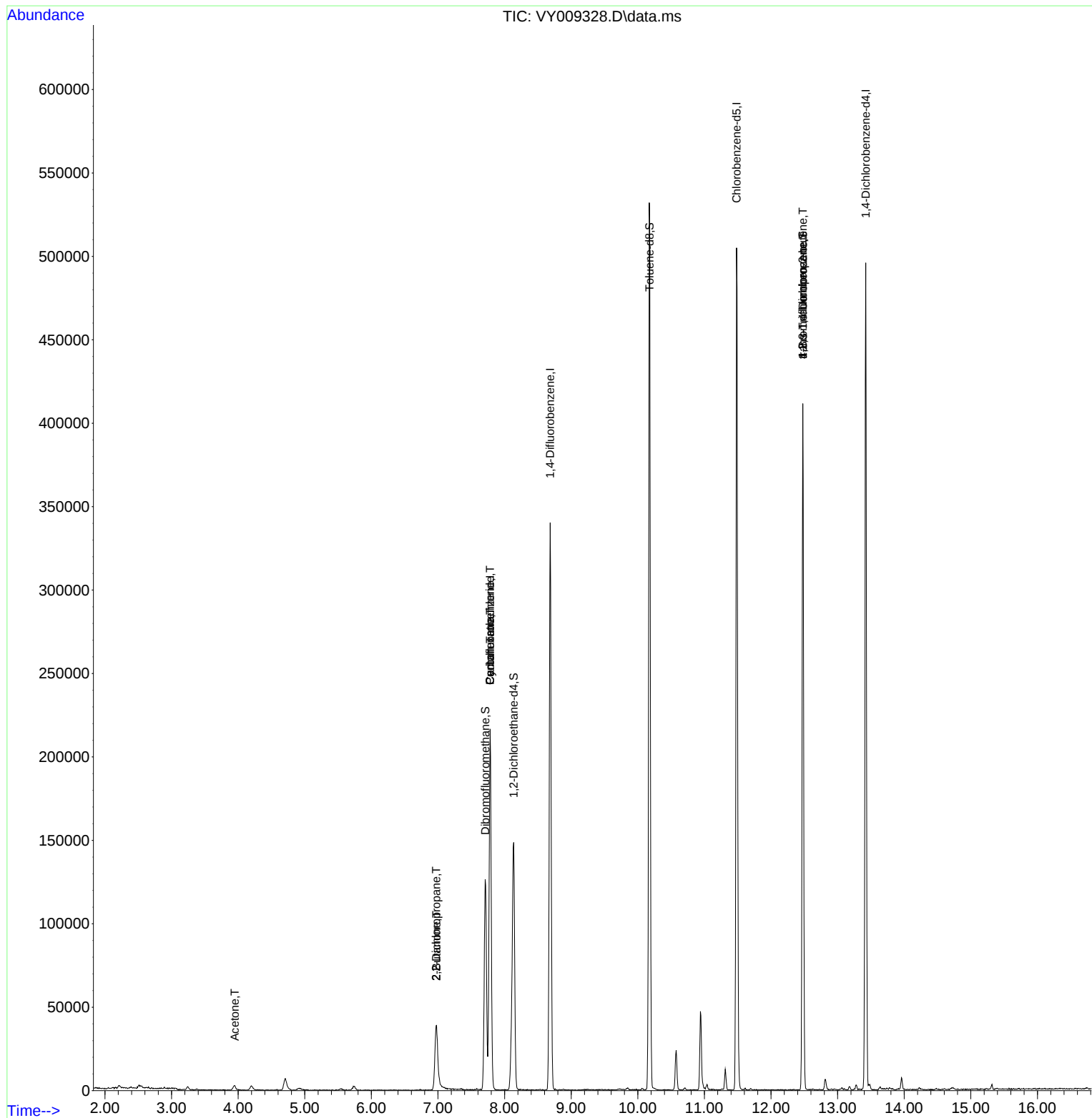
Internal Standards						
1) Pentafluorobenzene	7.783	168	165086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	285638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	269146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101538	84.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.740%#	
35) Dibromofluoromethane	7.710	113	88848	57.628	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.260%	
50) Toluene-d8	10.179	98	339713	79.408	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 158.820%#	
62) 4-Bromofluorobenzene	12.477	95	113966	51.902	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	1056	Below Cal	#	78
16) Acetone	3.948	43	5053	11.972	ug/l	93
20) Methylene Chloride	4.710	84	4711	Below Cal		93
25) 2-Butanone	6.978	43	2710	4.270	ug/l	# 79
26) 2,2-Dichloropropane	6.972	77	3322	1.160	ug/l	# 52
31) Cyclohexane	7.783	56	3372	1.130	ug/l	# 1
38) Carbon Tetrachloride	7.783	117	16156	6.072	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	60034	49.582	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	60034	98.149	ug/l	# 13

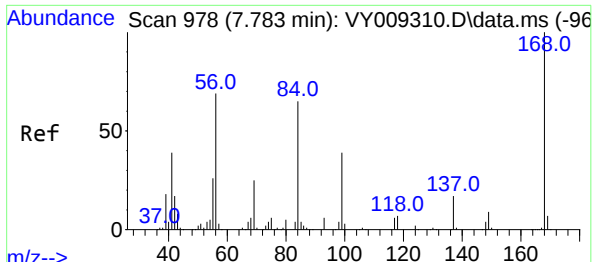
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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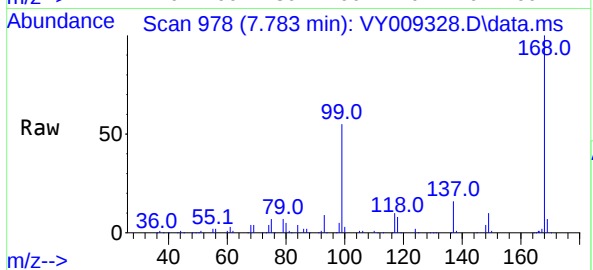
Quant Time: Jun 27 10:30:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
Quant Title : SW846 8260
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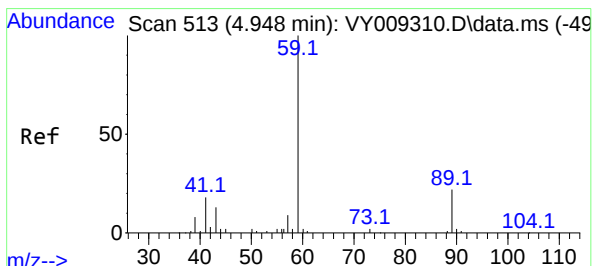
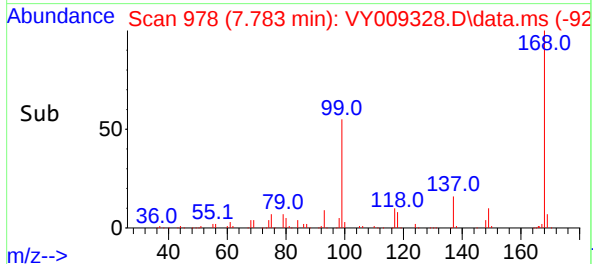
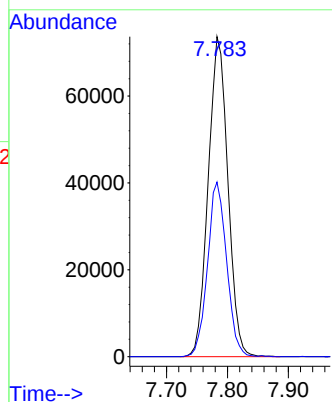


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

Instrument :
MSVOA_Y
ClientSampleId :

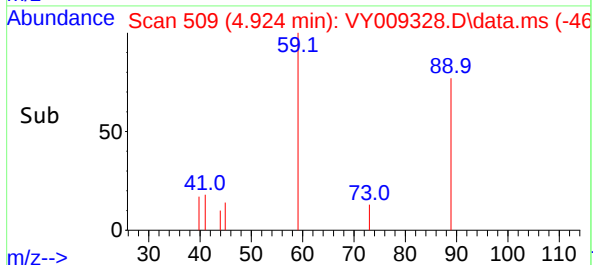
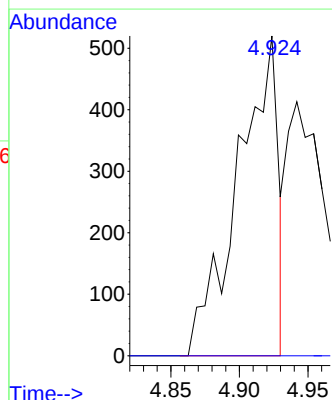
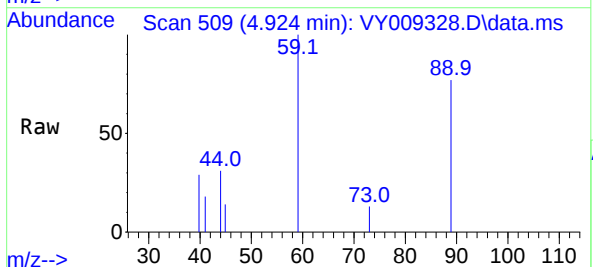


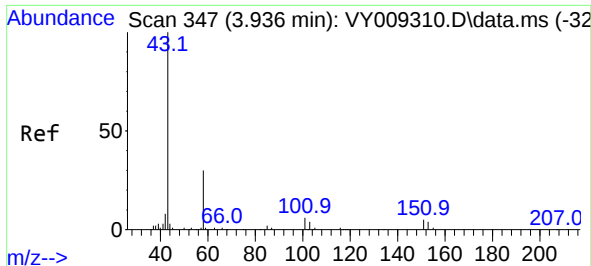
Tgt Ion:168 Resp: 165086
Ion Ratio Lower Upper
168 100
99 54.5 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

Tgt Ion: 59 Resp: 1056
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

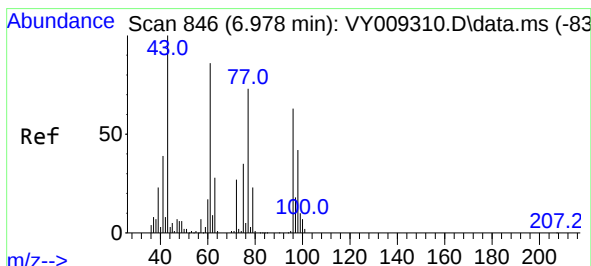
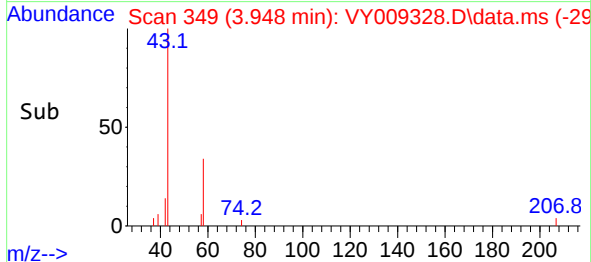
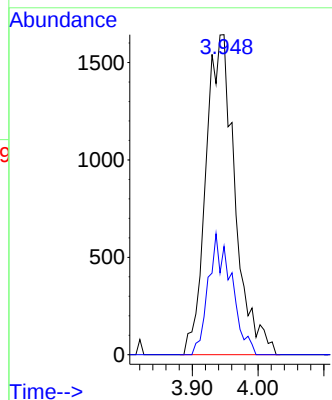
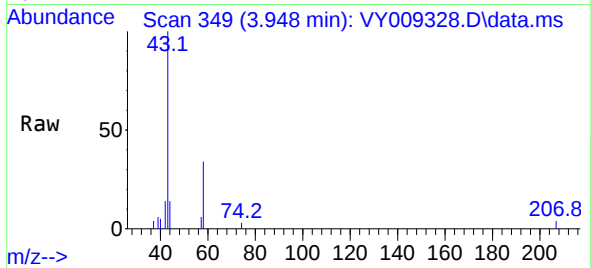




#16
Acetone
Concen: 11.972 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

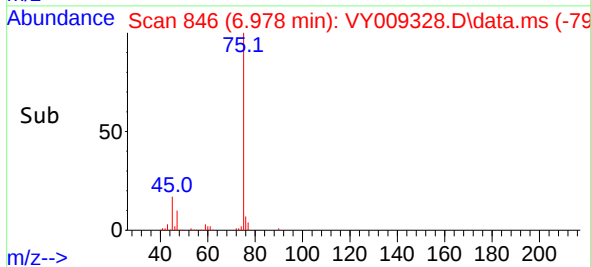
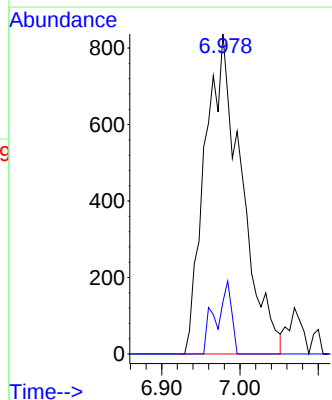
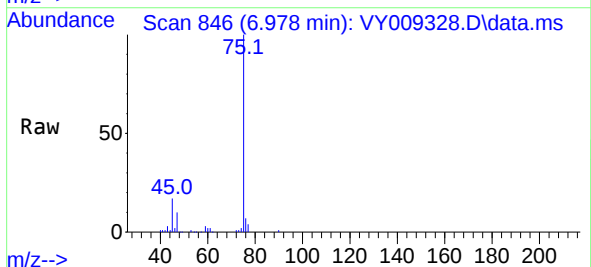
Instrument :
MSVOA_Y
ClientSampleId :

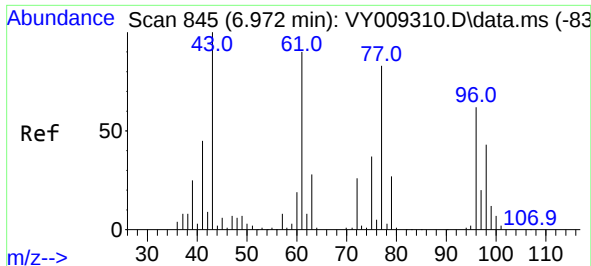
Tgt Ion: 43 Resp: 5053
Ion Ratio Lower Upper
43 100
58 33.8 24.0 36.0



#25
2-Butanone
Concen: 4.270 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

Tgt Ion: 43 Resp: 2710
Ion Ratio Lower Upper
43 100
72 16.2 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: VY009328.D

Acq: 25 Jun 2022 16:55

Instrument :

MSVOA_Y

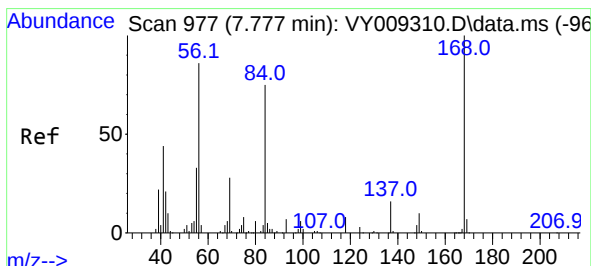
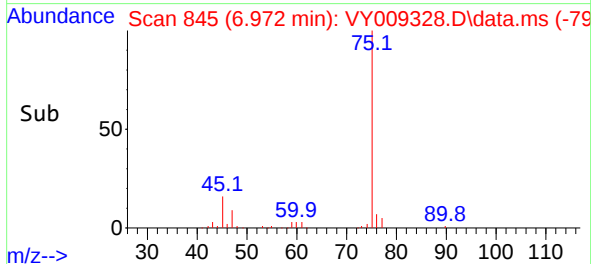
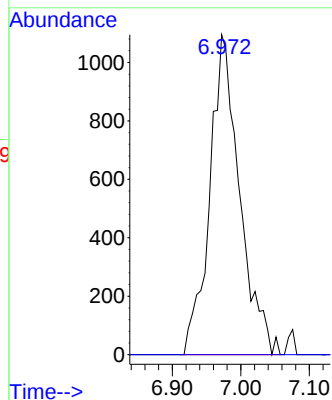
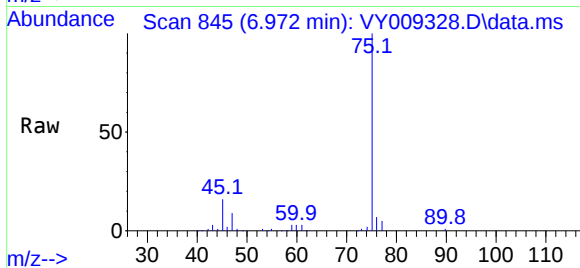
ClientSampleId :

Tgt Ion: 77 Resp: 3322

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#31

Cyclohexane

Concen: 1.130 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY009328.D

Acq: 25 Jun 2022 16:55

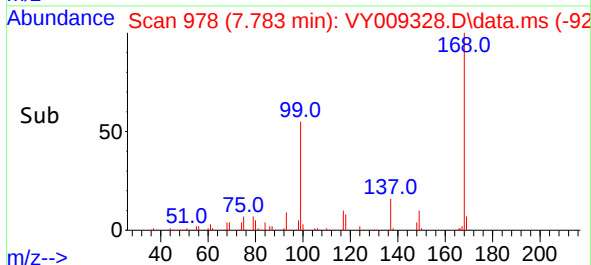
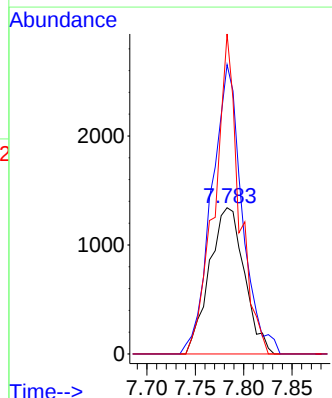
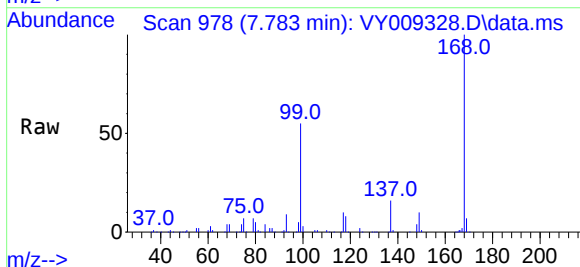
Tgt Ion: 56 Resp: 3372

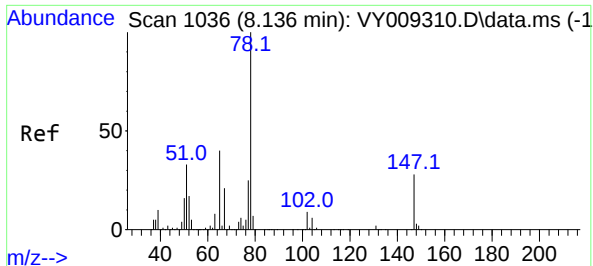
Ion Ratio Lower Upper

56 100

69 197.8 26.0 39.0#

84 218.8 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 84.874 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009328.D

Acq: 25 Jun 2022 16:55

Instrument :

MSVOA_Y

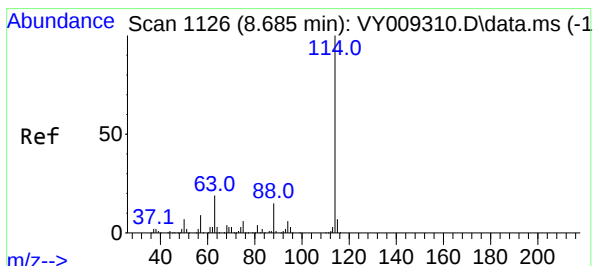
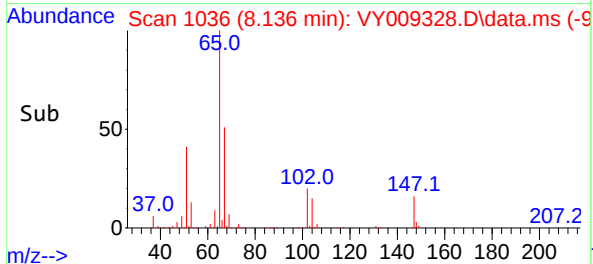
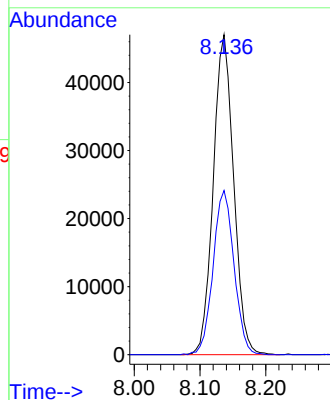
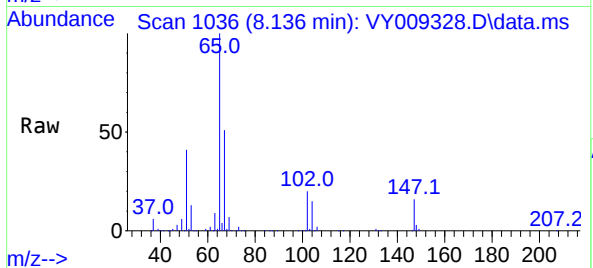
ClientSampleId :

Tgt Ion: 65 Resp: 101538

Ion Ratio Lower Upper

65 100

67 52.7 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: VY009328.D

Acq: 25 Jun 2022 16:55

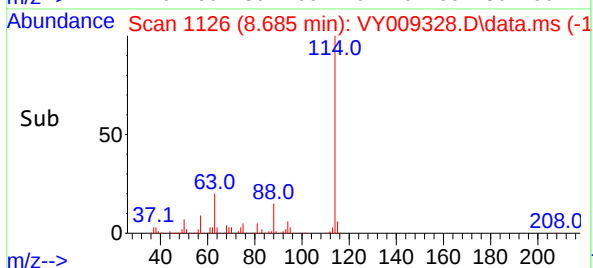
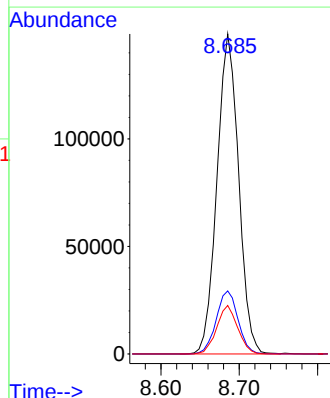
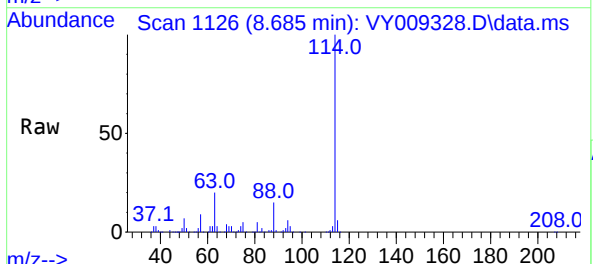
Tgt Ion:114 Resp: 285638

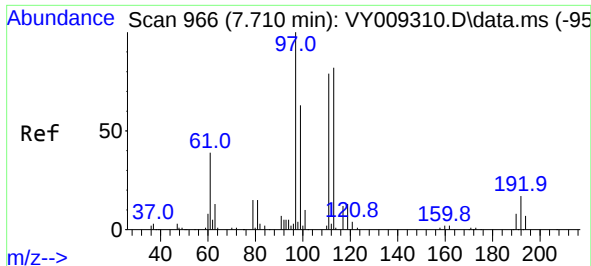
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

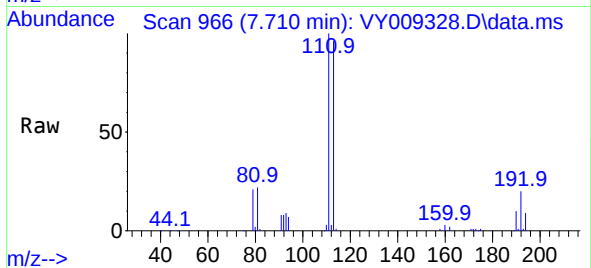
88 15.1 0.0 30.0



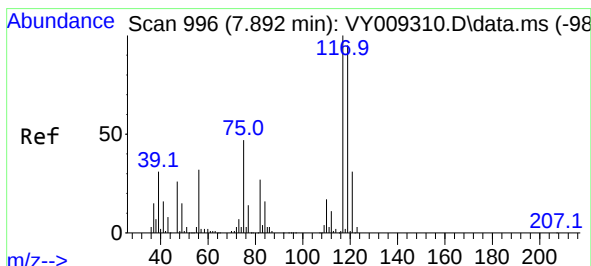
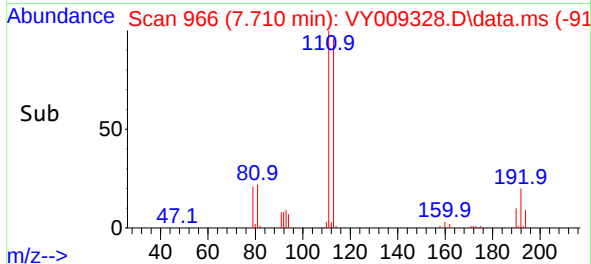
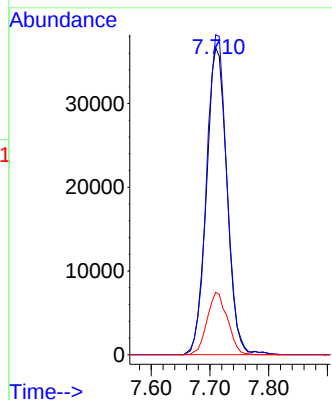


#35
Dibromofluoromethane
Concen: 57.628 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

Instrument :
MSVOA_Y
ClientSampleId :

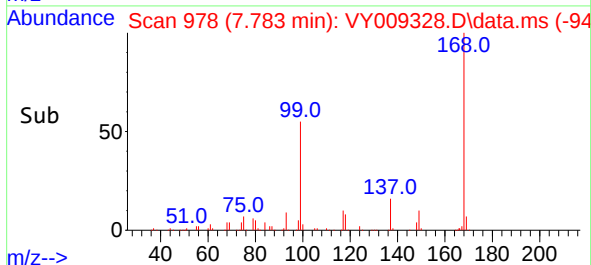
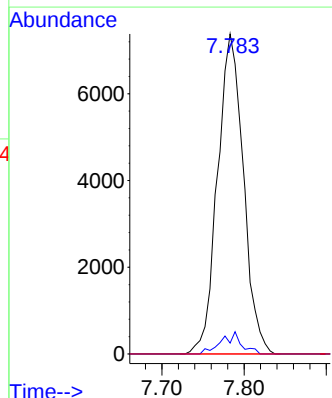
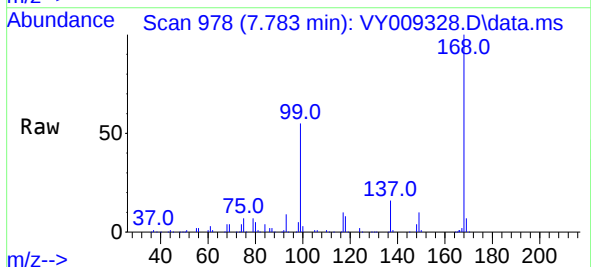


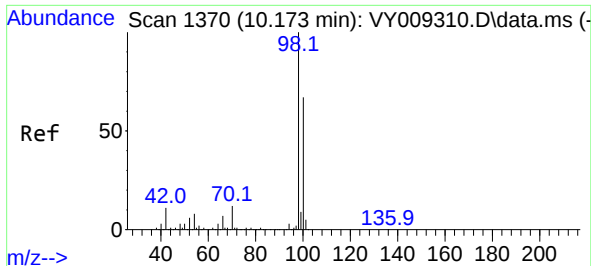
Tgt Ion:113 Resp: 88848
Ion Ratio Lower Upper
113 100
111 103.5 80.6 120.8
192 20.1 16.2 24.4



#38
Carbon Tetrachloride
Concen: 6.072 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

Tgt Ion:117 Resp: 16156
Ion Ratio Lower Upper
117 100
119 3.4 75.9 113.9#
121 0.0 24.9 37.3#

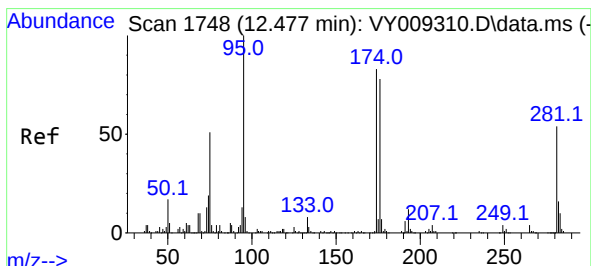
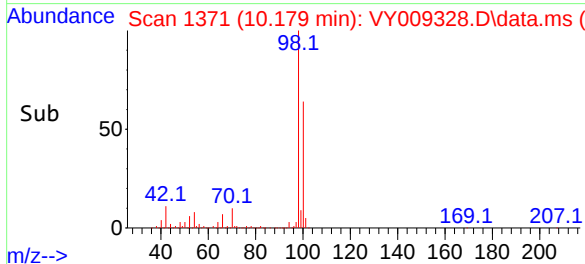
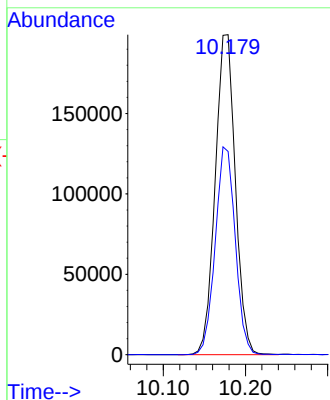
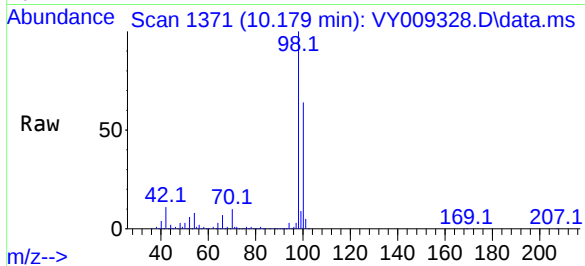




#50
Toluene-d8
Concen: 79.408 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

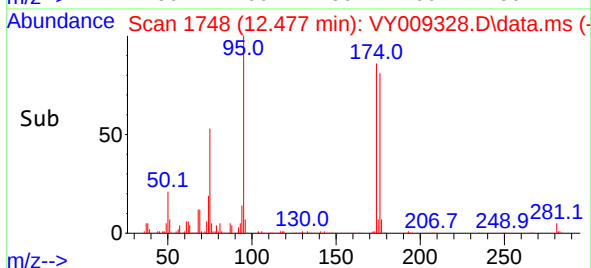
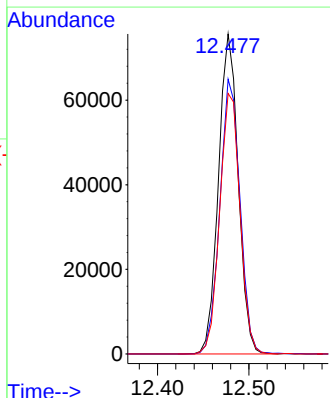
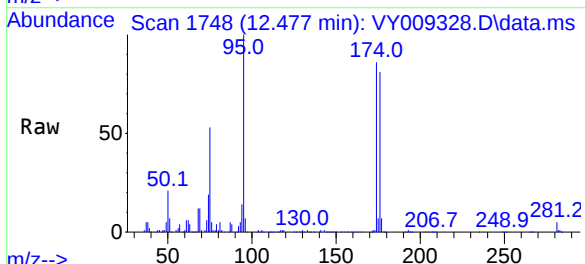
Instrument :
MSVOA_Y
ClientSampleId :

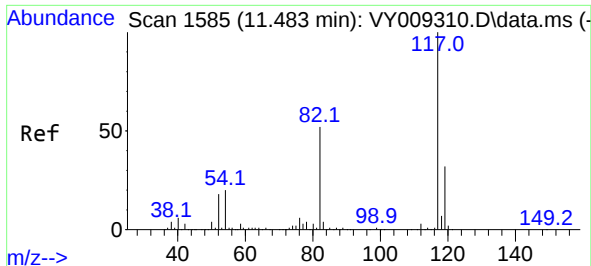
Tgt Ion: 98 Resp: 339713
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.902 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

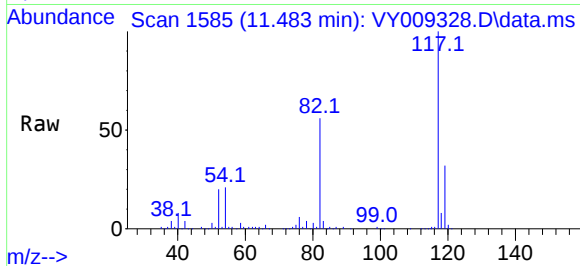
Tgt Ion: 95 Resp: 113966
Ion Ratio Lower Upper
95 100
174 87.3 0.0 173.8
176 83.5 0.0 167.0



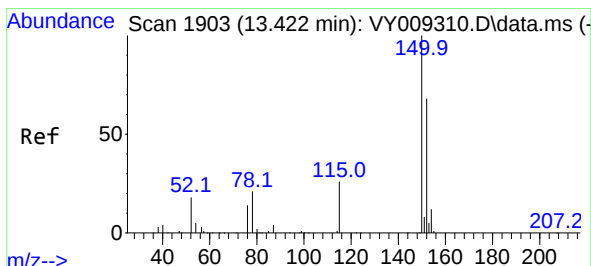
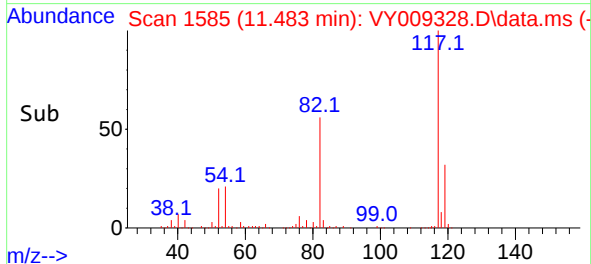
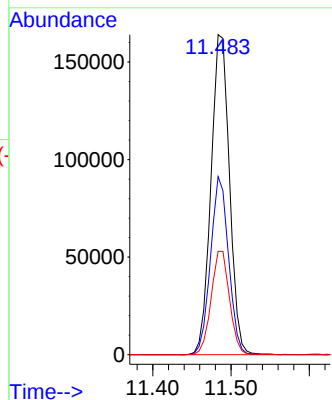


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

Instrument :
MSVOA_Y
ClientSampleId :

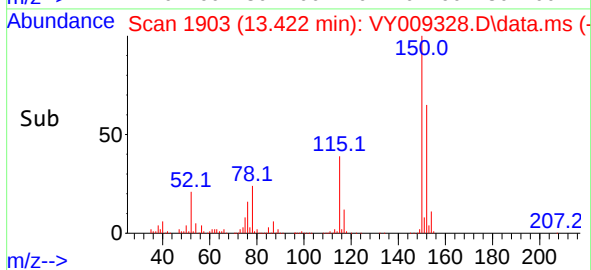
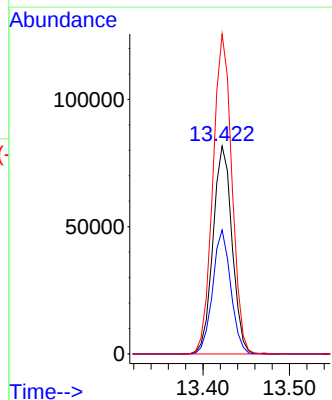
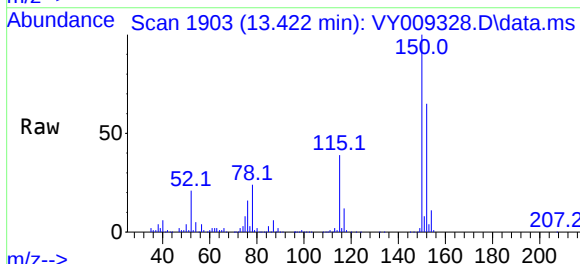


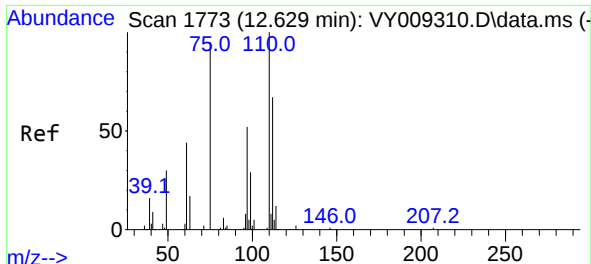
Tgt Ion:117 Resp: 269146
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.6
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

Tgt Ion:152 Resp: 124772
Ion Ratio Lower Upper
152 100
115 56.8 28.6 85.9
150 153.5 0.0 349.8

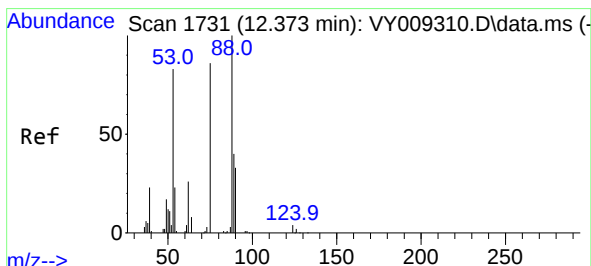
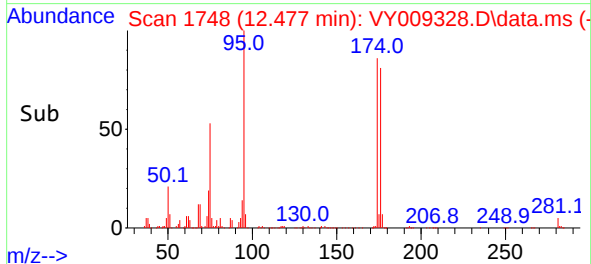
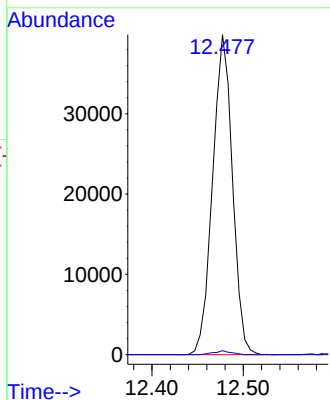
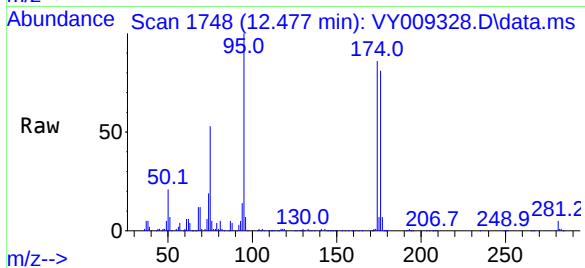




#76
1,2,3-Trichloropropane
Concen: 49.582 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 60034
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.149 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009328.D
Acq: 25 Jun 2022 16:55

Tgt Ion: 75 Resp: 60034
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 38.1 57.1#

