

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009200.D
 Acq On : 16 Jun 2022 14:17
 Operator : KP/MD
 Sample : N3347-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 02:26:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

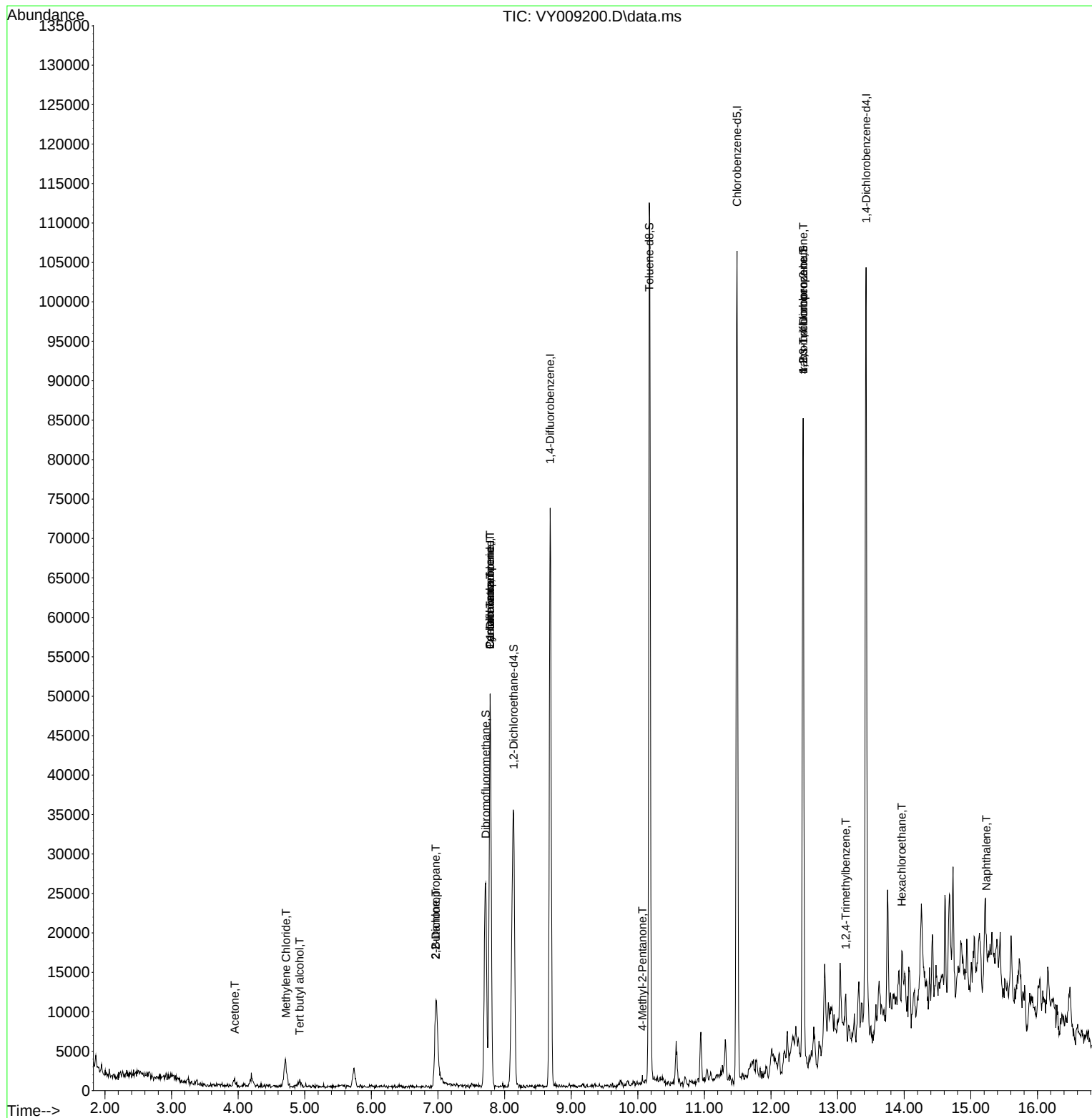
Internal Standards						
1) Pentafluorobenzene	7.783	168	36992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	62610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	57962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22005	56.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.900%	
35) Dibromofluoromethane	7.716	113	20023	51.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.020%	
50) Toluene-d8	10.173	98	72834	48.742	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.483	95	25778	48.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	447	7.291	ug/l #	77
13) Acrolein	3.735	56	44	Below Cal	#	14
16) Acetone	3.948	43	1426	14.650	ug/l #	86
18) Methyl Acetate	4.558	43	19	Below Cal	#	56
20) Methylene Chloride	4.716	84	2378	2.706	ug/l #	78
25) 2-Butanone	6.966	43	836	5.428	ug/l #	54
26) 2,2-Dichloropropane	6.966	77	1071	1.633	ug/l #	55
31) Cyclohexane	7.783	56	894	1.292	ug/l #	53
36) 1,1-Dichloropropene	7.783	75	3106	5.144	ug/l #	50
38) Carbon Tetrachloride	7.783	117	3694	5.916	ug/l #	22
51) 4-Methyl-2-Pentanone	10.069	43	361	1.033	ug/l	89
76) 1,2,3-Trichloropropane	12.483	75	12281	42.793	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12281	85.282	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.123	105	3670	2.287	ug/l	99
90) Hexachloroethane	13.965	117	366	1.099	ug/l #	6
95) Naphthalene	15.233	128	2245	2.042	ug/l #	73

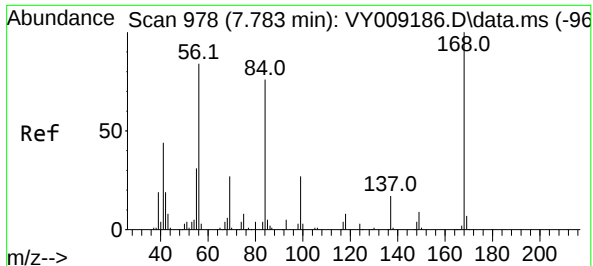
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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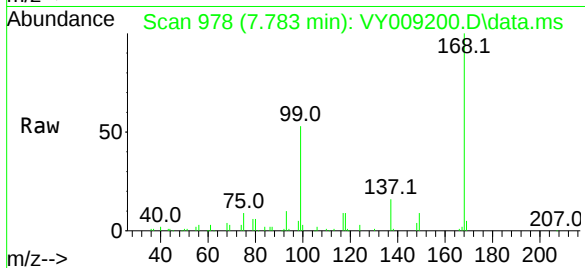
Quant Time: Jun 17 02:26:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration



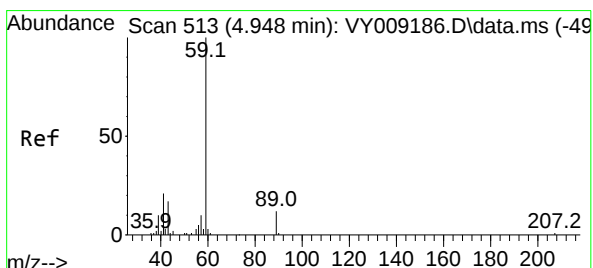
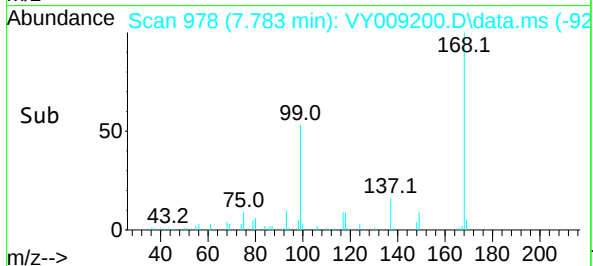
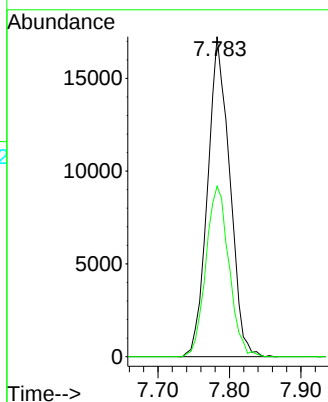


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :

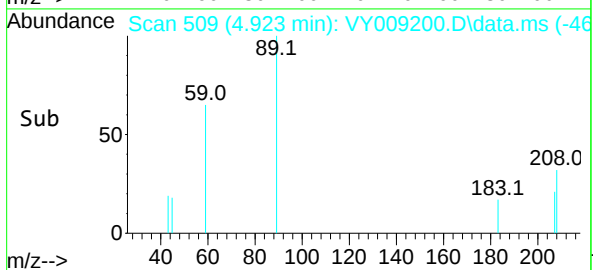
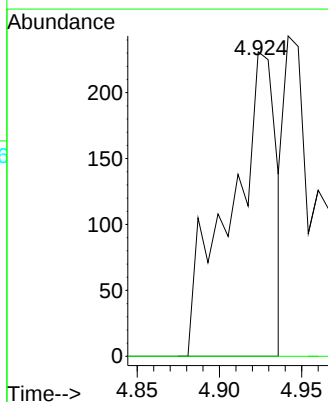
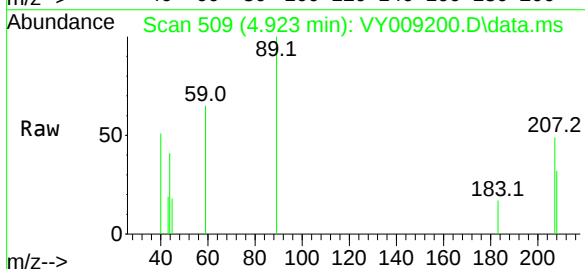


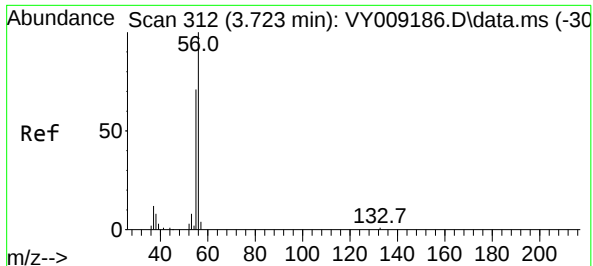
Tgt Ion:168 Resp: 36992
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 7.291 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

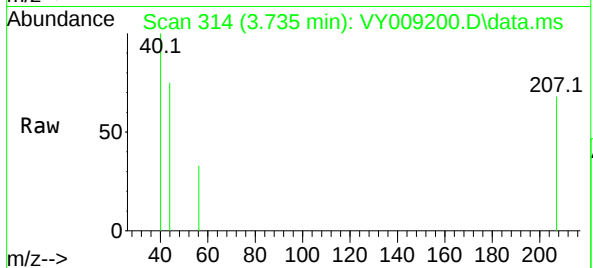
Tgt Ion: 59 Resp: 447
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



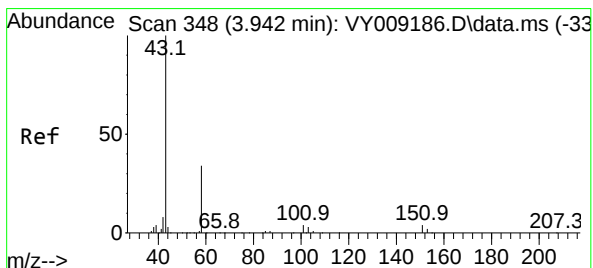
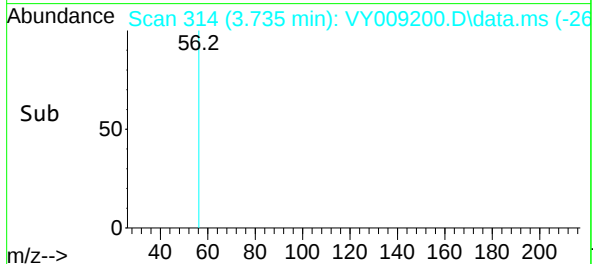
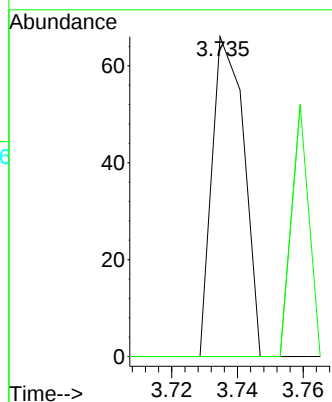


#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :

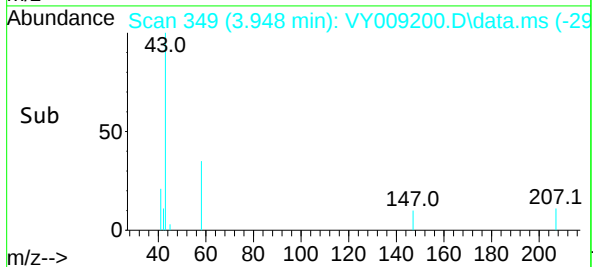
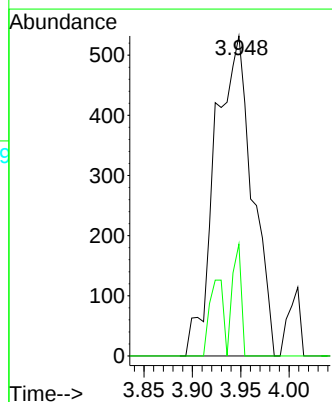
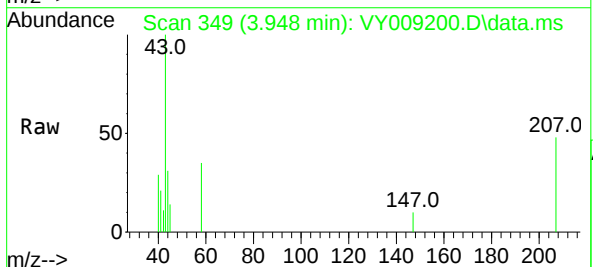


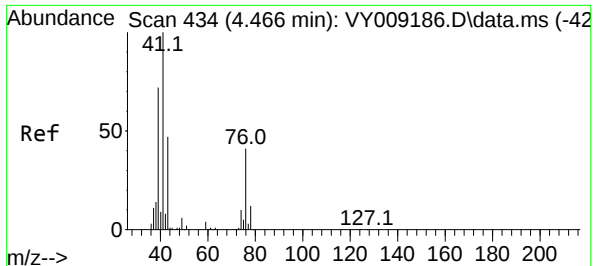
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 14.650 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

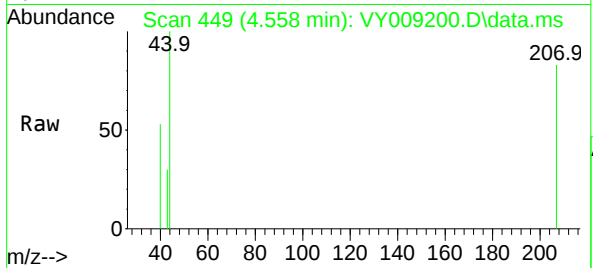
Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
58 35.0 22.0 33.0#



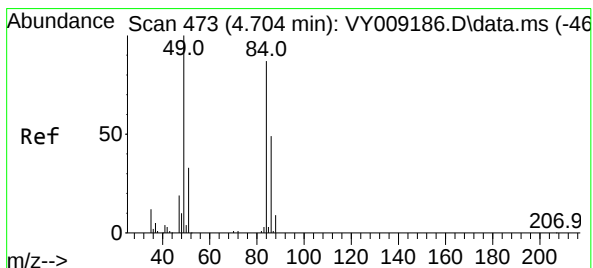
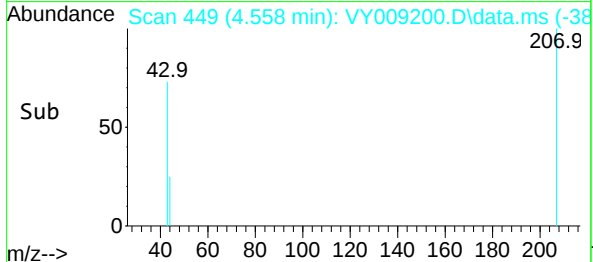
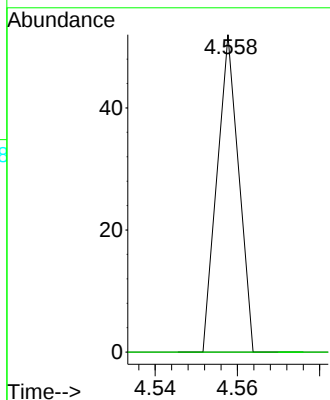


#18
Methyl Acetate
Concen: Below Cal
RT: 4.558 min Scan# 449
Delta R.T. 0.092 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :

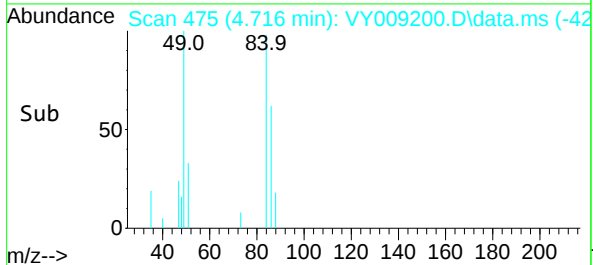
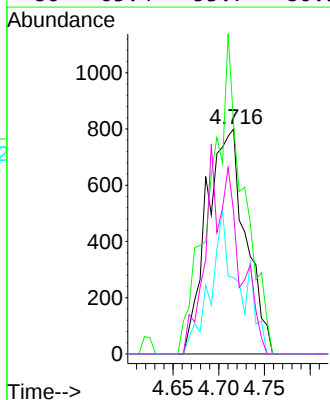
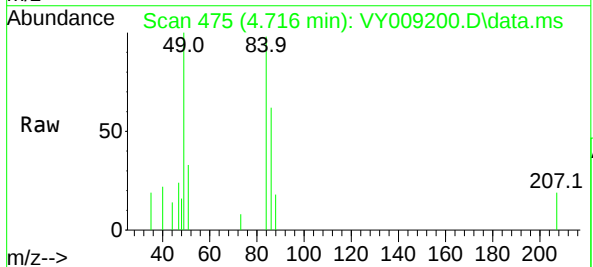


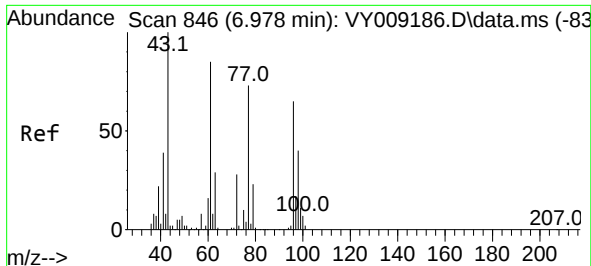
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 2.706 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Tgt Ion: 84 Resp: 2378
Ion Ratio Lower Upper
84 100
49 102.5 114.4 171.6#
51 33.9 35.3 52.9#
86 63.4 53.7 80.5





#25

2-Butanone

Concen: 5.428 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.012 min

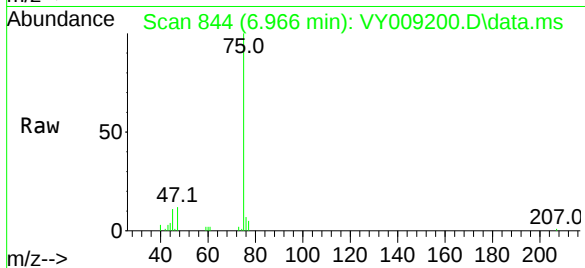
Lab File: VY009200.D

Acq: 16 Jun 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

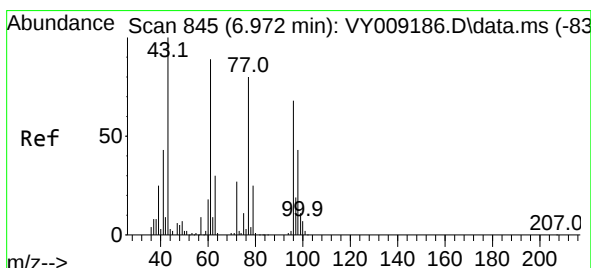
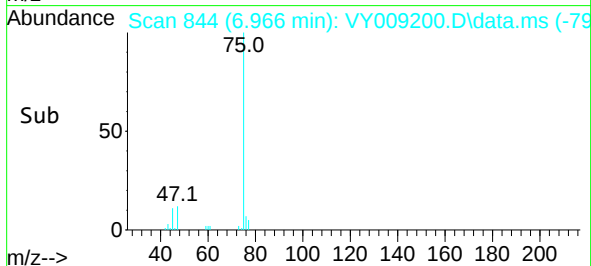
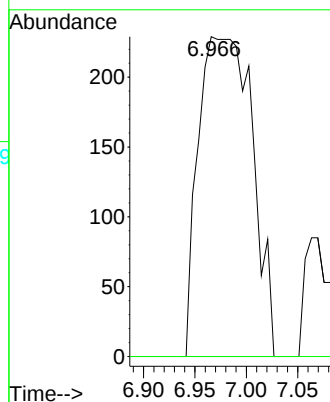


Tgt Ion: 43 Resp: 836

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.633 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009200.D

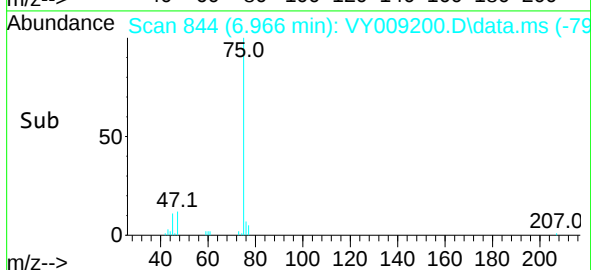
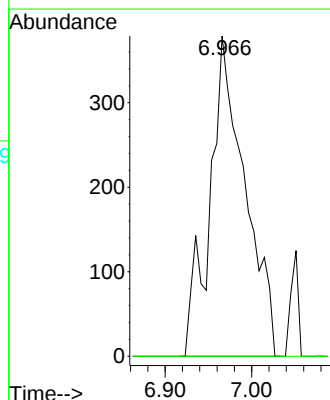
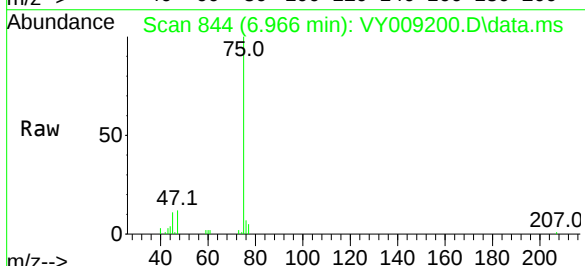
Acq: 16 Jun 2022 14:17

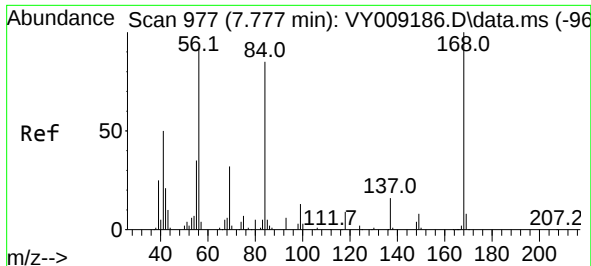
Tgt Ion: 77 Resp: 1071

Ion Ratio Lower Upper

77 100

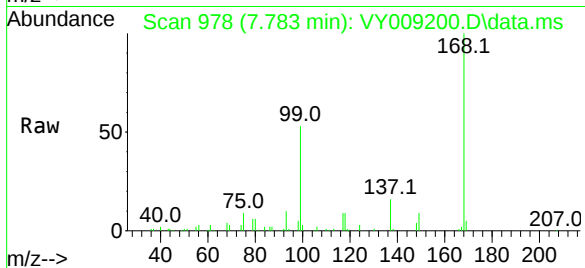
97 0.0 10.4 31.4#



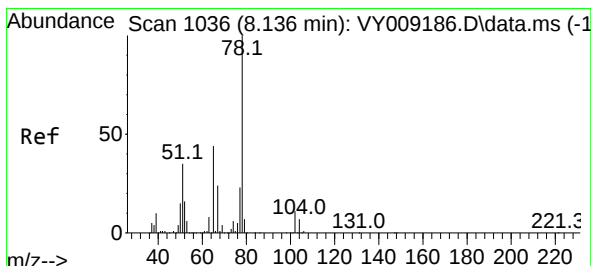
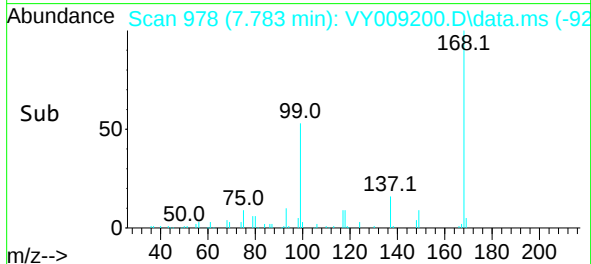
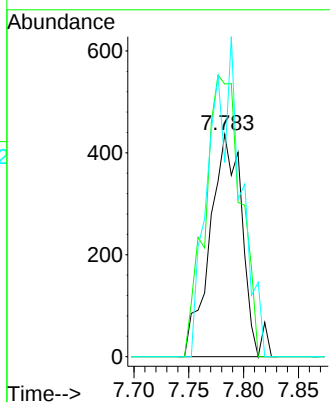


#31
Cyclohexane
Concen: 1.292 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :

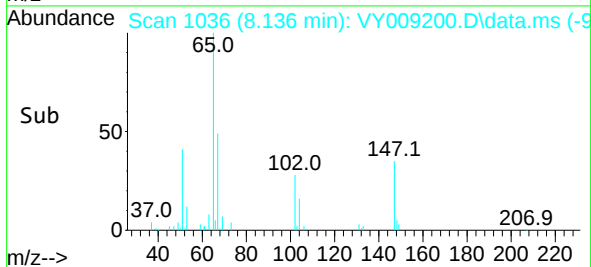
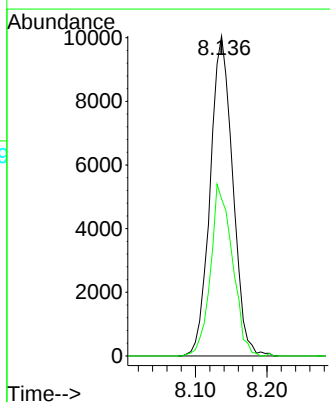
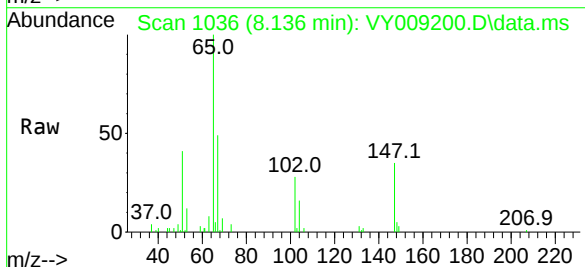


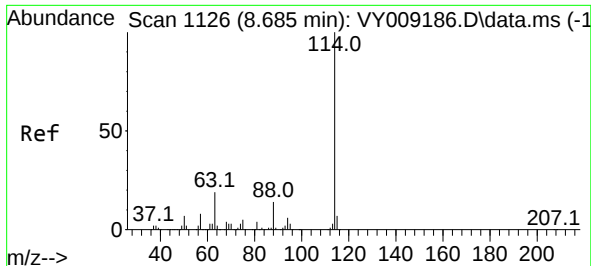
Tgt Ion: 56 Resp: 894
Ion Ratio Lower Upper
56 100
69 122.7 26.7 40.1#
84 87.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 56.946 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Tgt Ion: 65 Resp: 22005
Ion Ratio Lower Upper
65 100
67 51.9 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: VY009200.D

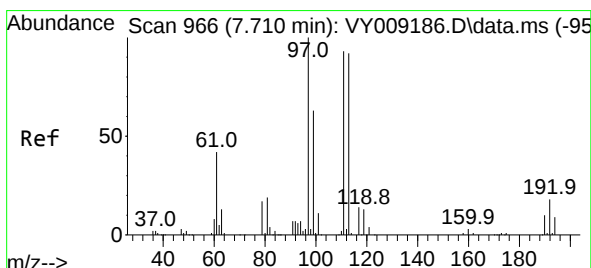
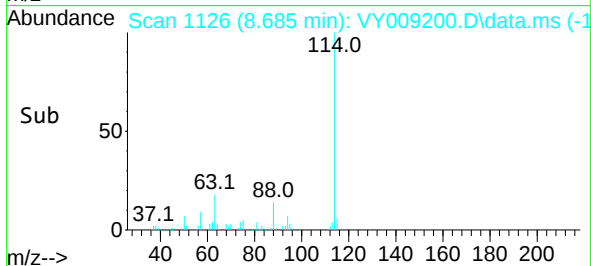
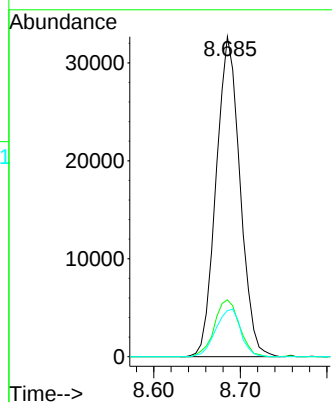
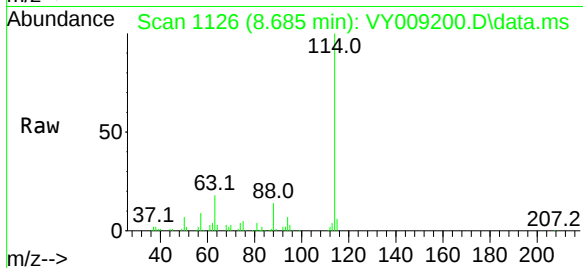
Acq: 16 Jun 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	62610
Ion Ratio	Lower	Upper
114	100	
63	17.8	0.0 43.2
88	14.4	0.0 31.8



#35

Dibromofluoromethane

Concen: 51.009 ug/l

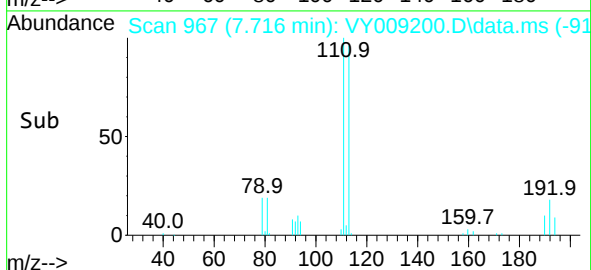
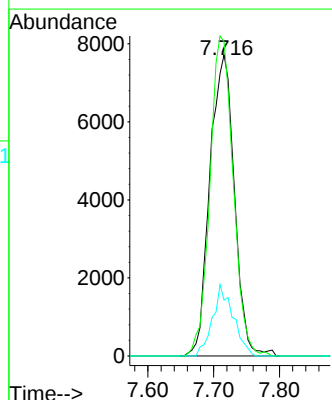
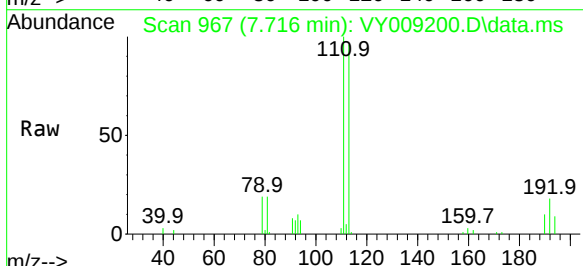
RT: 7.716 min Scan# 967

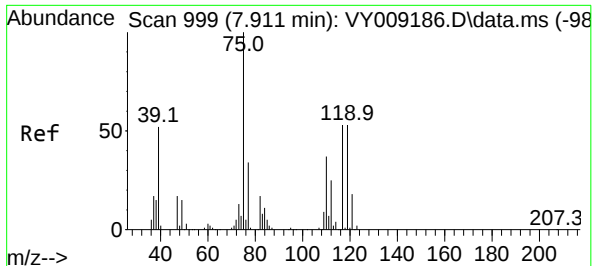
Delta R.T. 0.006 min

Lab File: VY009200.D

Acq: 16 Jun 2022 14:17

Tgt Ion:113	Resp:	20023
Ion Ratio	Lower	Upper
113	100	
111	100.9	82.6 124.0
192	19.9	17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.144 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009200.D

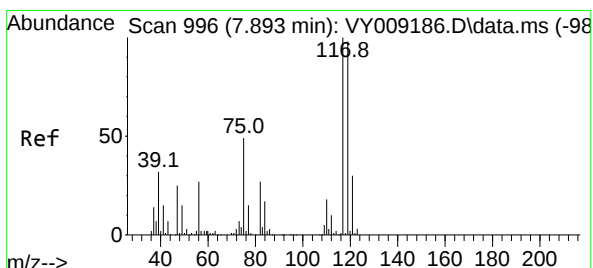
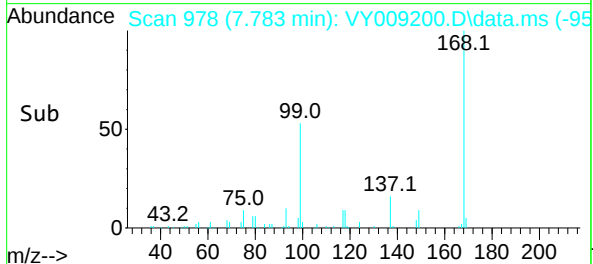
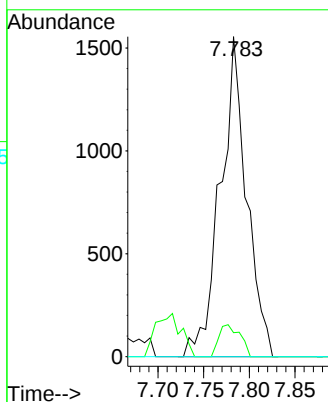
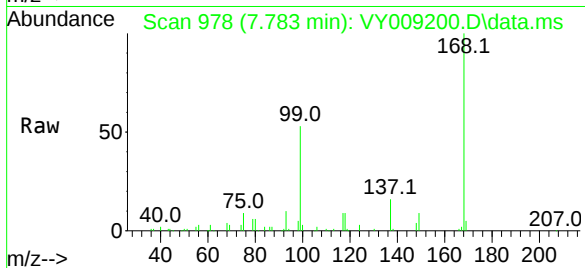
Acq: 16 Jun 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75 Resp: 3106
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.1 51.2#
 77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.916 ug/l

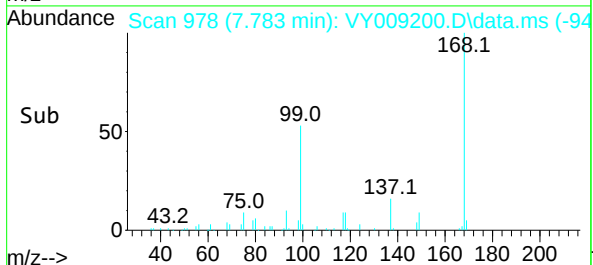
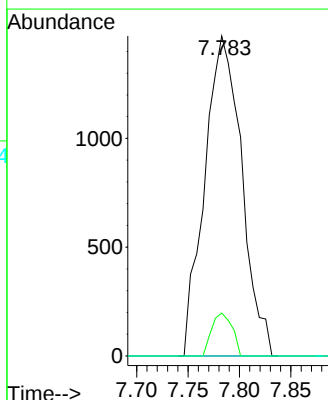
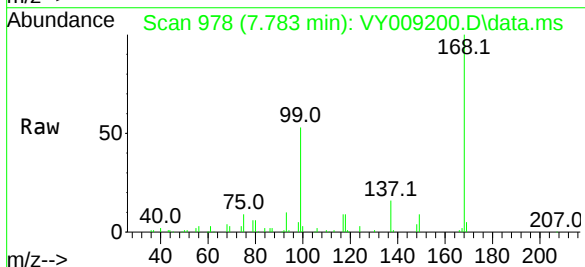
RT: 7.783 min Scan# 978

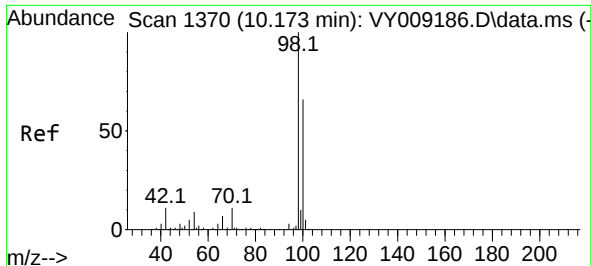
Delta R.T. -0.110 min

Lab File: VY009200.D

Acq: 16 Jun 2022 14:17

Tgt Ion: 117 Resp: 3694
 Ion Ratio Lower Upper
 117 100
 119 13.4 77.9 116.9#
 121 0.0 24.8 37.2#

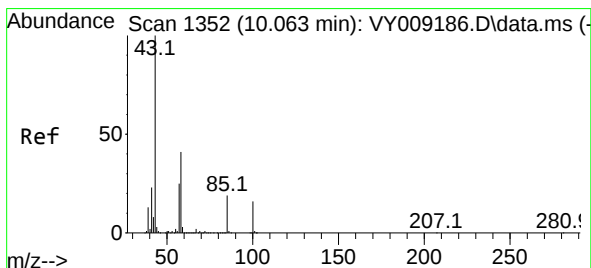
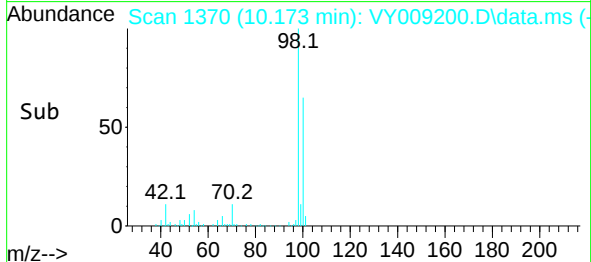
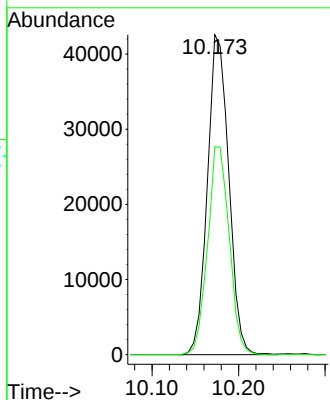
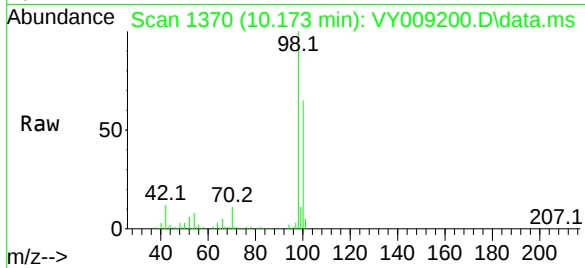




#50
Toluene-d8
Concen: 48.742 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

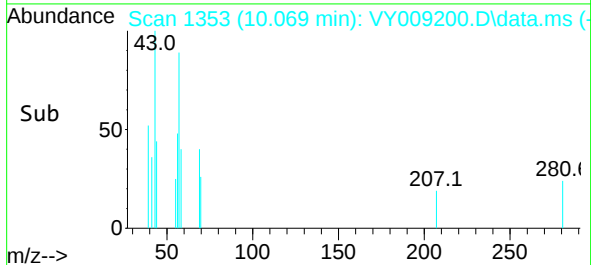
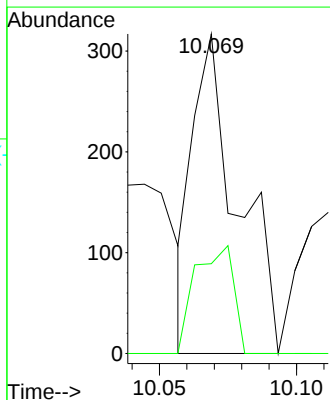
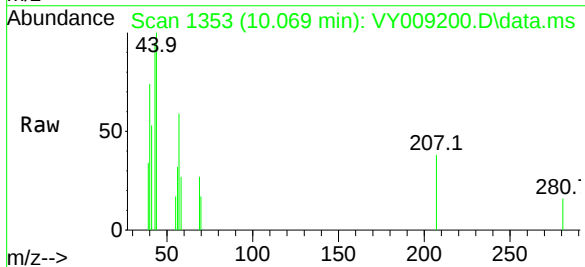
Instrument :
MSVOA_Y
ClientSampleId :

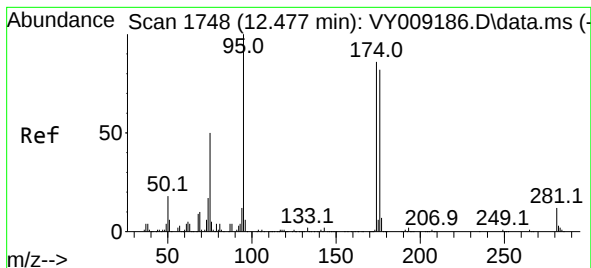
Tgt Ion: 98 Resp: 72834
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.033 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
58 28.8 28.1 42.1

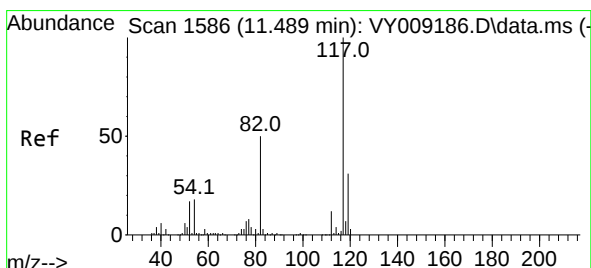
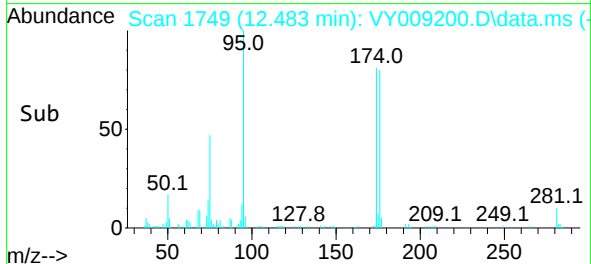
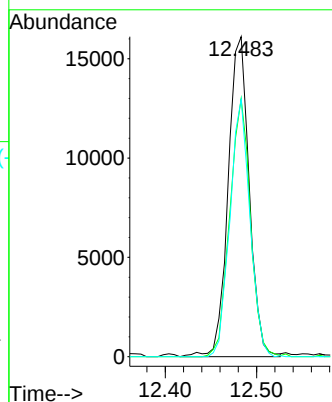
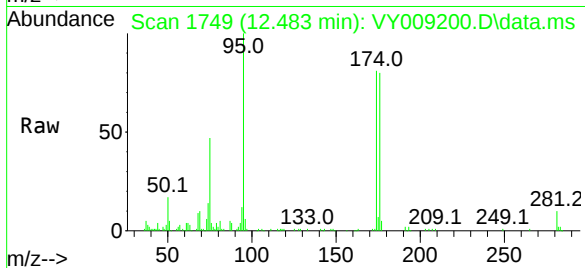




#62
4-Bromofluorobenzene
Concen: 48.546 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

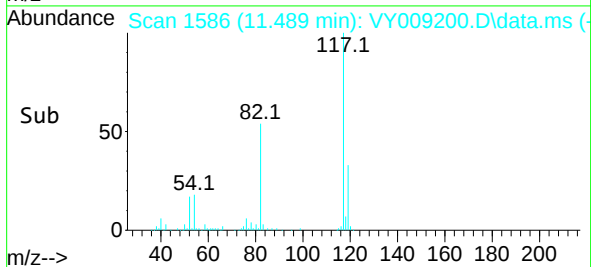
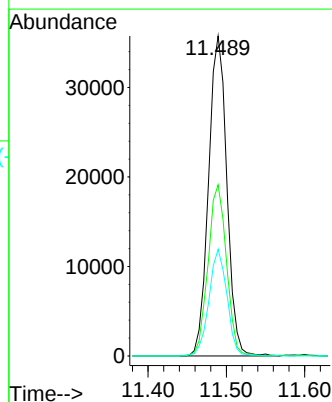
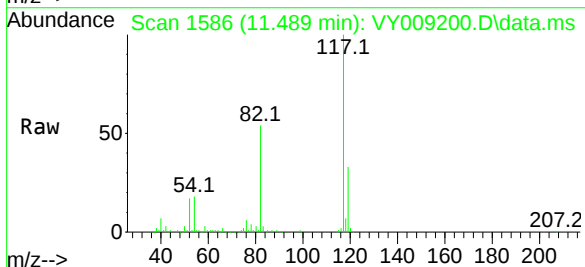
Instrument :
MSVOA_Y
ClientSampleId :

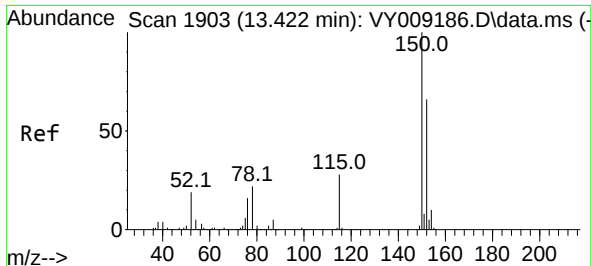
Tgt Ion: 95 Resp: 25778
Ion Ratio Lower Upper
95 100
174 79.3 0.0 177.0
176 76.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Tgt Ion: 117 Resp: 57962
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 33.4 25.4 38.0

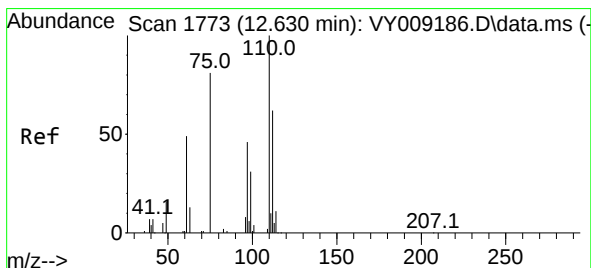
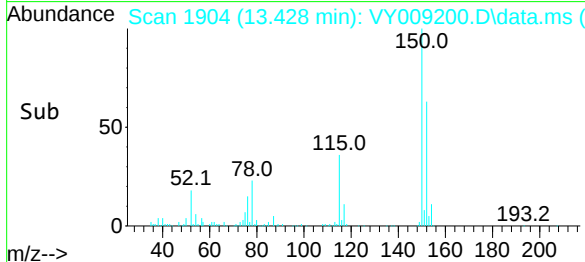
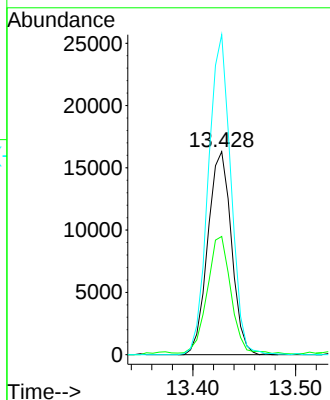
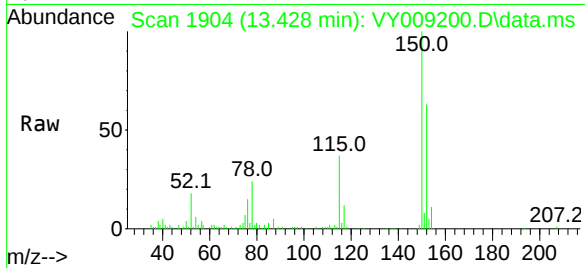




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

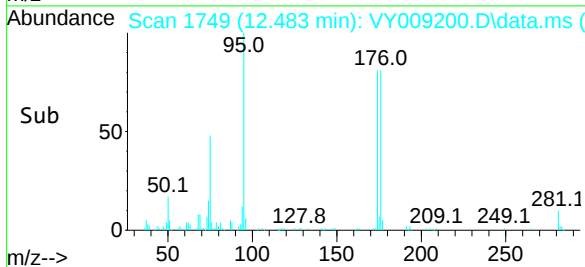
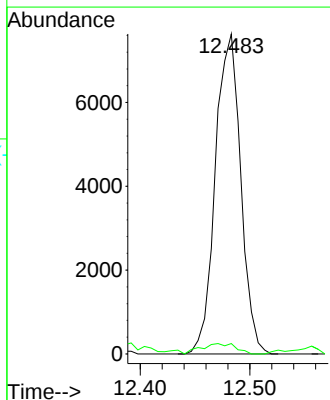
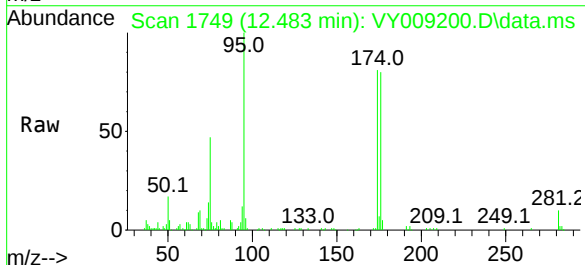
Instrument :
MSVOA_Y
ClientSampleId :

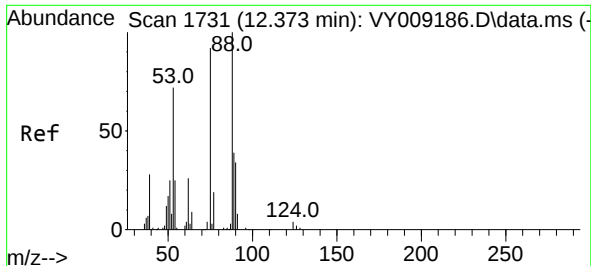
Tgt Ion:152 Resp: 25991
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 150.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 42.793 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Tgt Ion: 75 Resp: 12281
Ion Ratio Lower Upper
75 100
77 4.4 0.0 0.0#

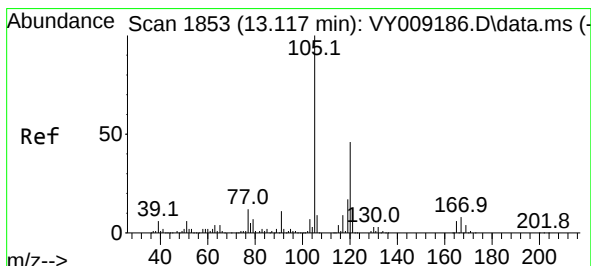
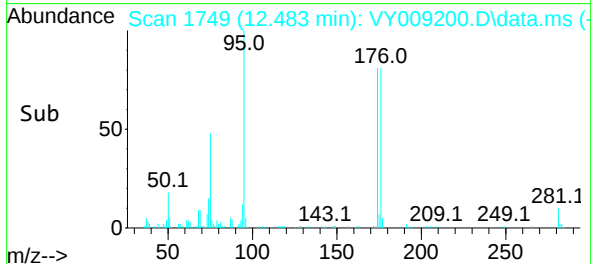
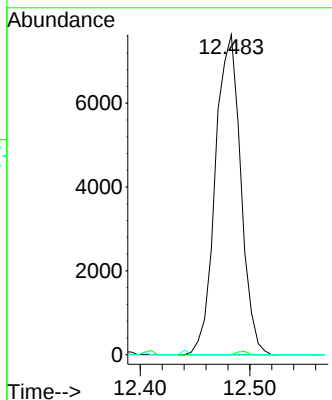
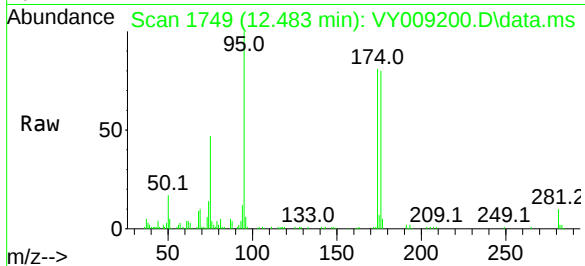




#81
trans-1,4-Dichloro-2-butene
Concen: 85.282 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

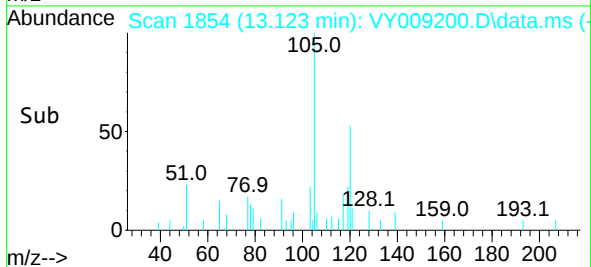
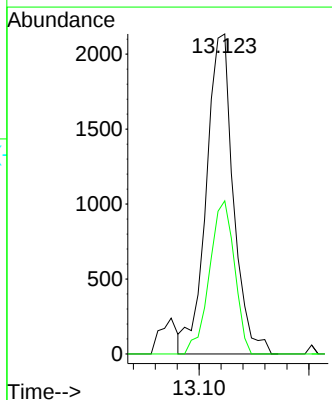
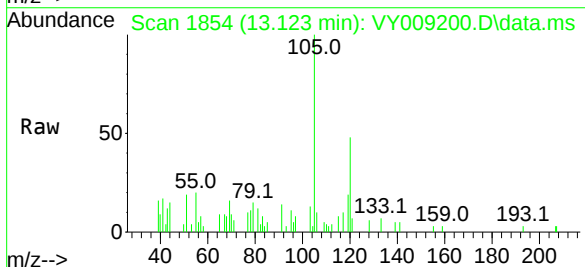
Instrument :
MSVOA_Y
ClientSampleId :

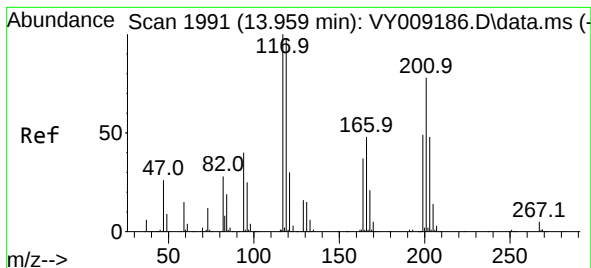
Tgt Ion: 75 Resp: 12281
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 2.287 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Tgt Ion: 105 Resp: 3670
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.9

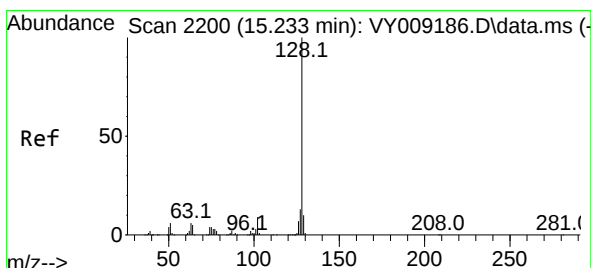
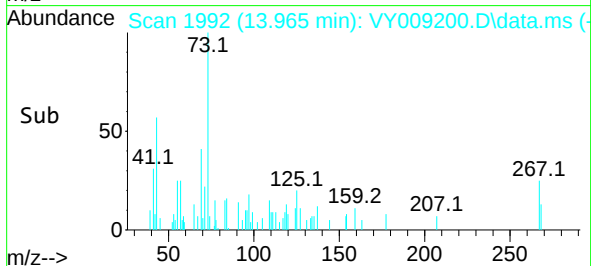
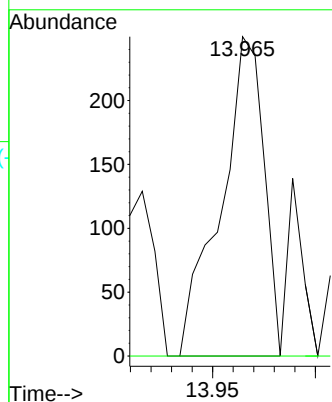
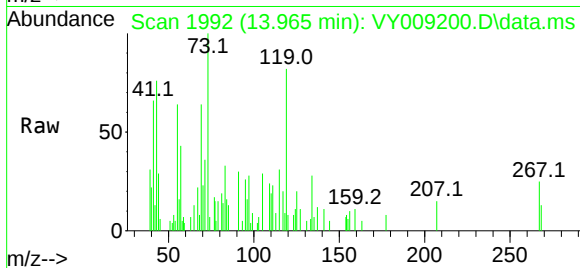




#90
Hexachloroethane
Concen: 1.099 ug/l
RT: 13.965 min Scan# 1991
Delta R.T. 0.006 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 366
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#95
Naphthalene
Concen: 2.042 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009200.D
Acq: 16 Jun 2022 14:17

Tgt Ion:128 Resp: 2245
Ion Ratio Lower Upper
128 100
127 30.6 11.0 16.4#
129 13.6 8.4 12.6#

