

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007535.D
 Acq On : 17 Feb 2022 20:08
 Operator : SY/MD
 Sample : N1580-10
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-10

Quant Time: Feb 18 07:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

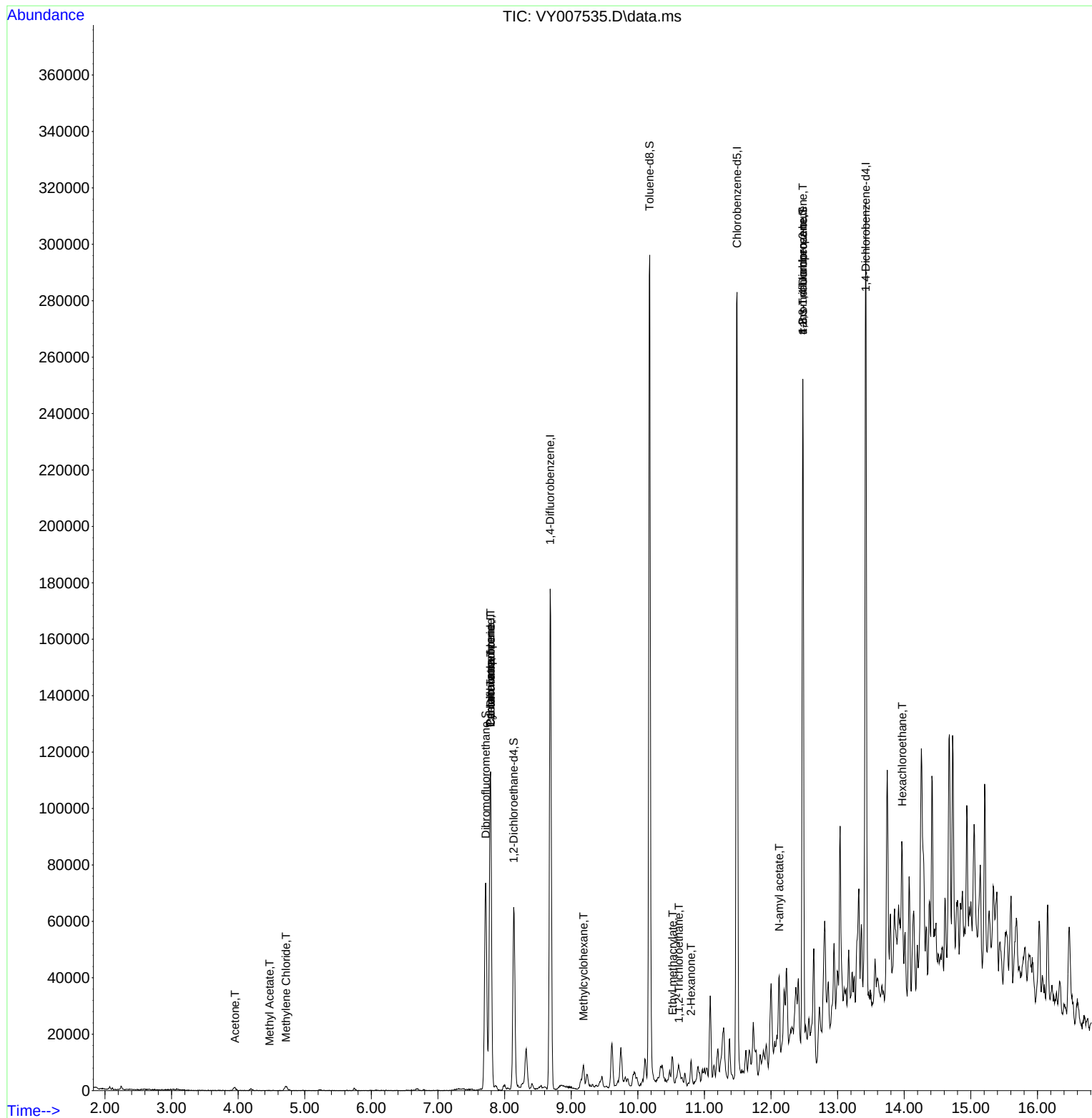
Internal Standards						
1) Pentafluorobenzene	7.789	168	86526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	154985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	156782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49534	51.852	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.700%			
35) Dibromofluoromethane	7.716	113	51147	52.331	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.660%			
50) Toluene-d8	10.179	98	192316	51.807	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.477	95	71188	56.556	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.120%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	253	Below Cal	#	88
5) Bromomethane	2.662	94	20	Below Cal	#	71
16) Acetone	3.954	43	2152	8.491	ug/l #	80
18) Methyl Acetate	4.472	43	28	1.430	ug/l #	56
20) Methylene Chloride	4.716	84	1224	1.178	ug/l #	59
31) Cyclohexane	7.789	56	2132	1.262	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	6493	4.100	ug/l #	51
38) Carbon Tetrachloride	7.789	117	8634	4.798	ug/l #	16
39) Methylcyclohexane	9.185	83	2966	1.443	ug/l	89
55) 1,1,2-Trichloroethane	10.618	97	2511	2.945	ug/l #	28
56) Ethyl methacrylate	10.526	69	1152	1.005	ug/l #	50
59) 2-Hexanone	10.801	43	3385	6.497	ug/l #	32
74) N-amyl acetate	12.124	43	5450	3.793	ug/l #	68
76) 1,2,3-Trichloropropane	12.477	75	38359	46.340	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38359	96.315	ug/l #	8
90) Hexachloroethane	13.971	117	2008	1.884	ug/l #	6

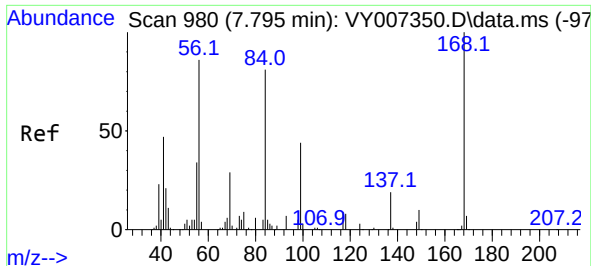
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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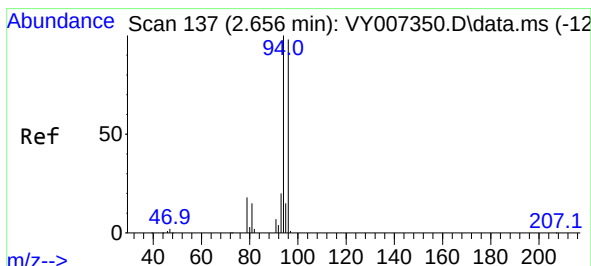
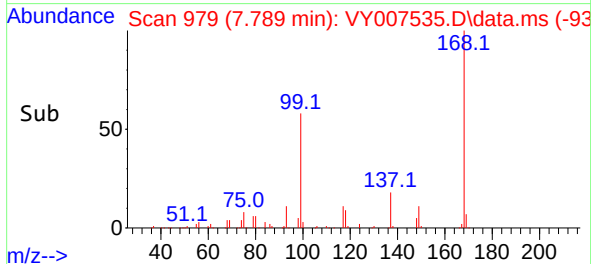
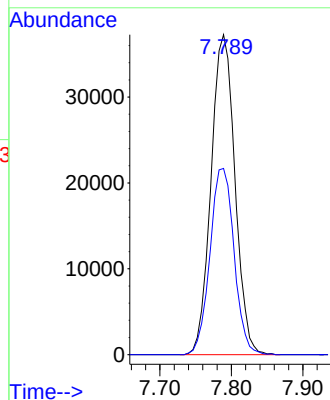
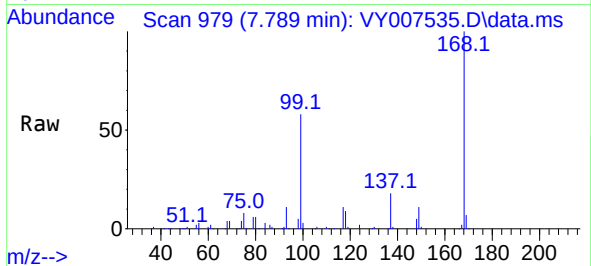




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

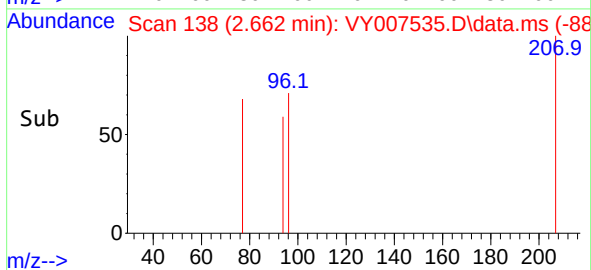
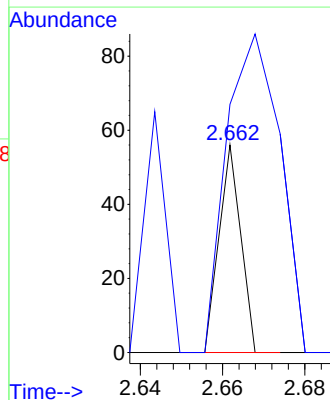
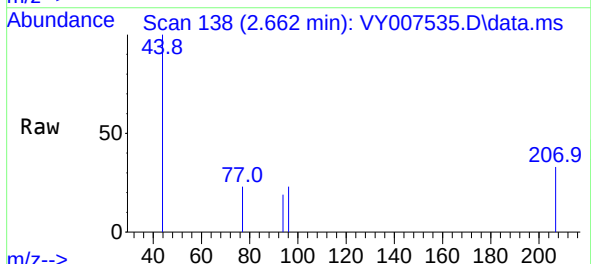
Instrument :
MSVOA_Y
ClientSampleId :
D-10

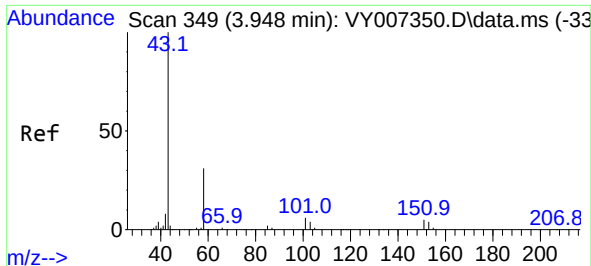
Tgt Ion:168 Resp: 86526
Ion Ratio Lower Upper
168 100
99 58.2 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 119.6 73.5 110.3#

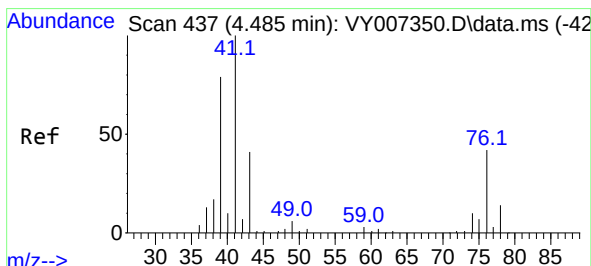
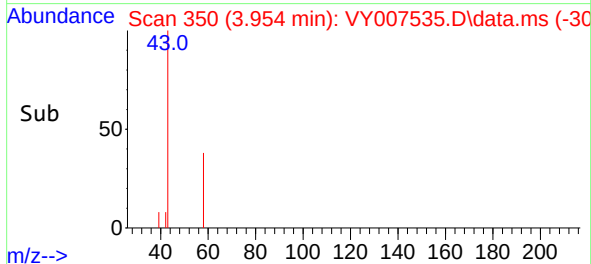
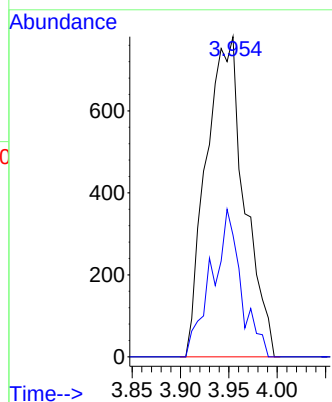
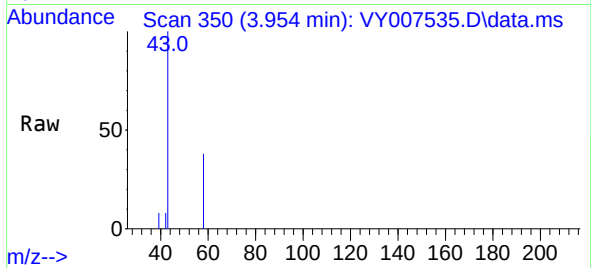




#16
Acetone
Concen: 8.491 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

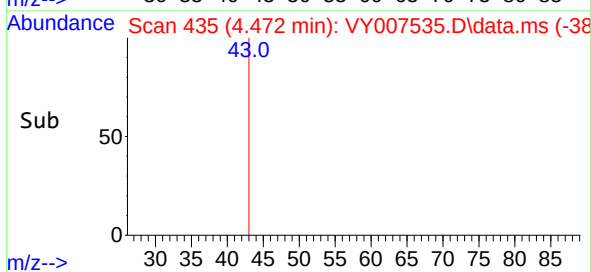
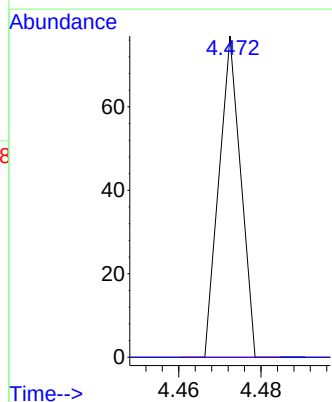
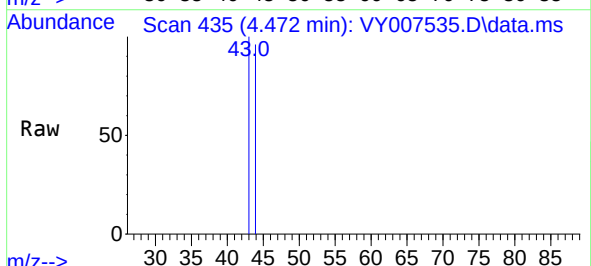
Instrument :
MSVOA_Y
ClientSampleId :
D-10

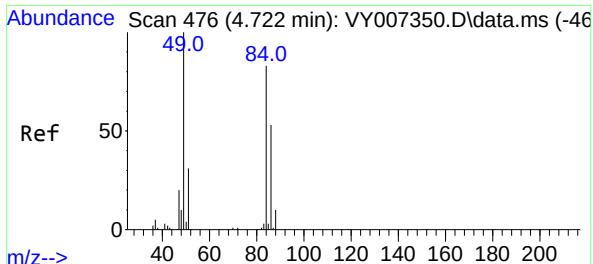
Tgt Ion: 43 Resp: 2152
Ion Ratio Lower Upper
43 100
58 38.0 22.0 33.0#



#18
Methyl Acetate
Concen: 1.430 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.013 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Tgt Ion: 43 Resp: 28
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: 1.178 ug/l

RT: 4.716 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007535.D

Acq: 17 Feb 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

D-10

Tgt Ion: 84 Resp: 1224

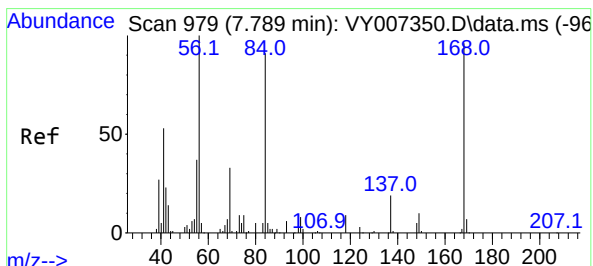
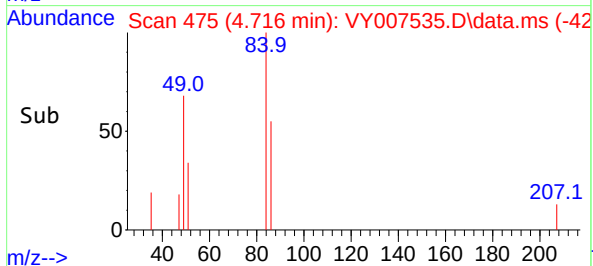
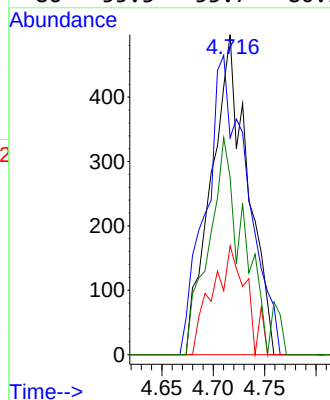
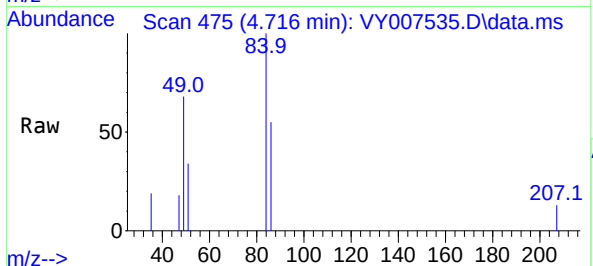
Ion Ratio Lower Upper

84 100

49 67.8 114.4 171.6#

51 34.0 35.3 52.9#

86 55.3 53.7 80.5



#31

Cyclohexane

Concen: 1.262 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY007535.D

Acq: 17 Feb 2022 20:08

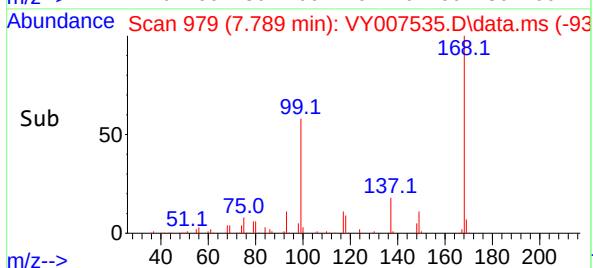
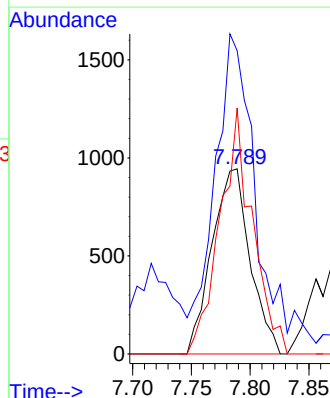
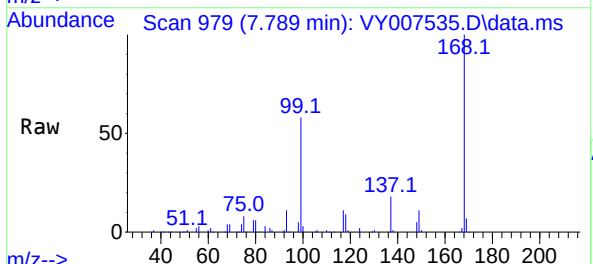
Tgt Ion: 56 Resp: 2132

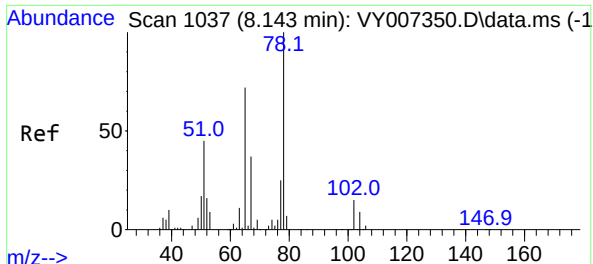
Ion Ratio Lower Upper

56 100

69 136.9 26.7 40.1#

84 132.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 51.852 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY007535.D

Acq: 17 Feb 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

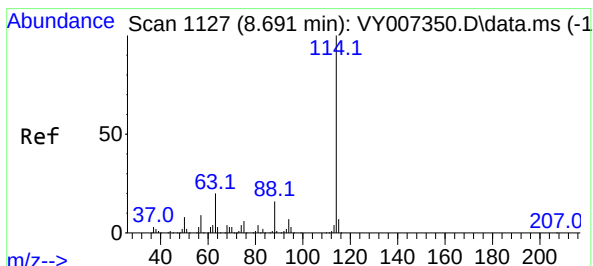
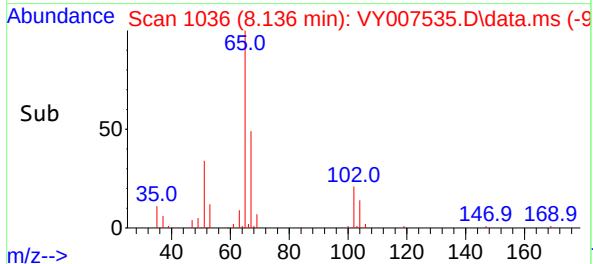
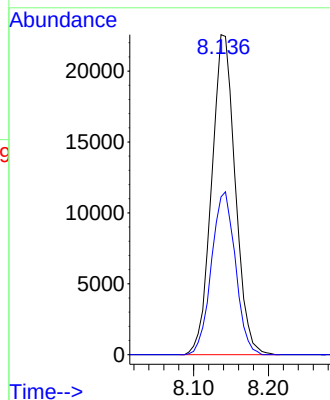
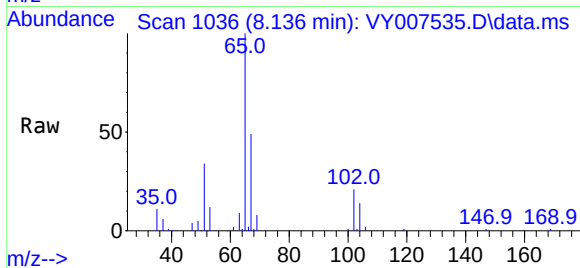
D-10

Tgt Ion: 65 Resp: 49534

Ion Ratio Lower Upper

65 100

67 51.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007535.D

Acq: 17 Feb 2022 20:08

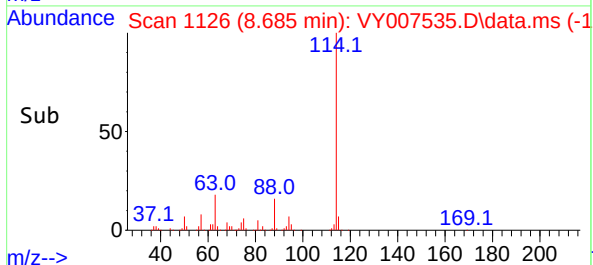
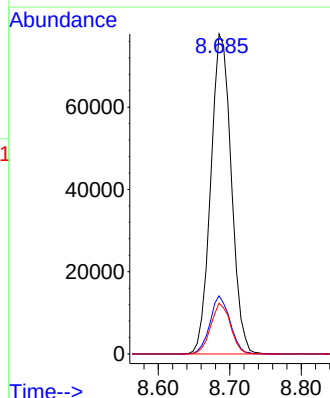
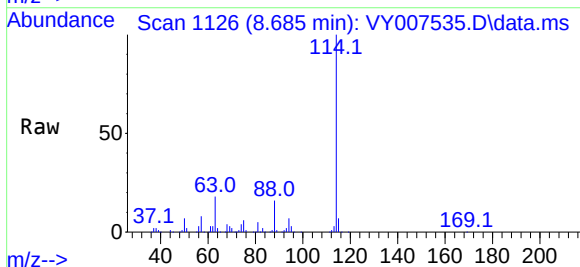
Tgt Ion: 114 Resp: 154985

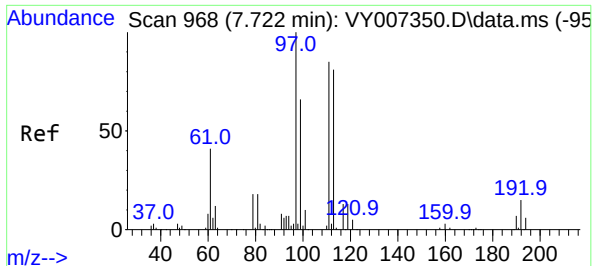
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.9 0.0 31.8

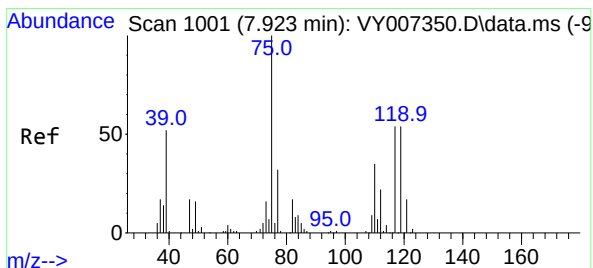
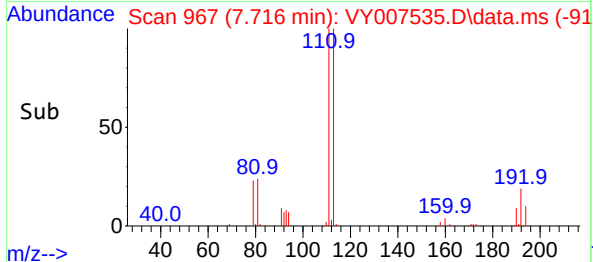
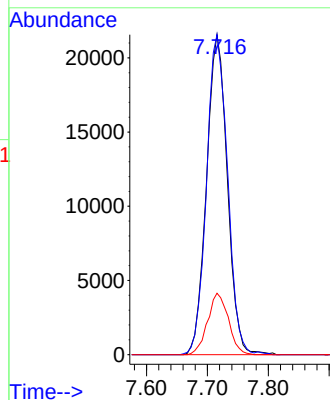
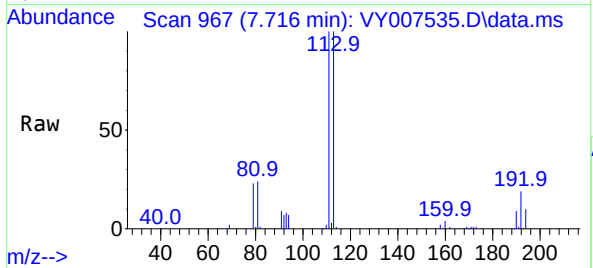




#35
Dibromofluoromethane
Concen: 52.331 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

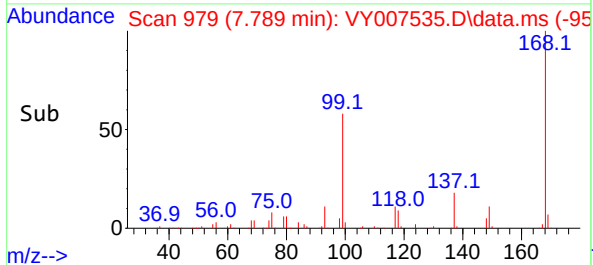
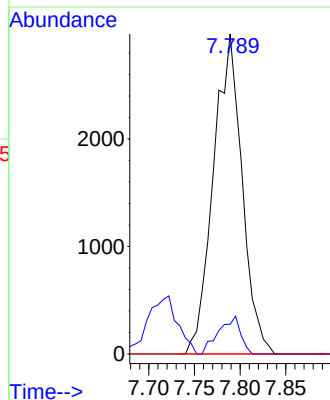
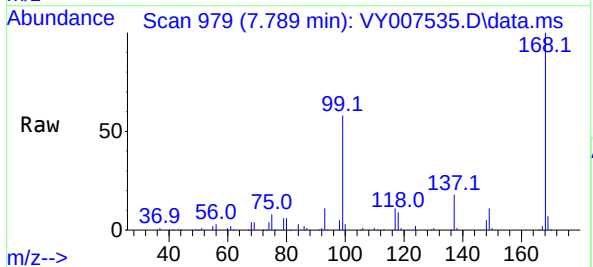
Instrument :
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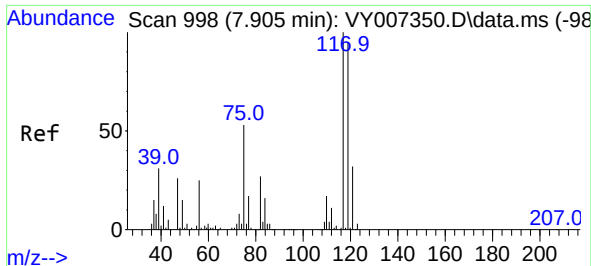
Tgt Ion:113 Resp: 51147
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.100 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Tgt Ion: 75 Resp: 6493
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

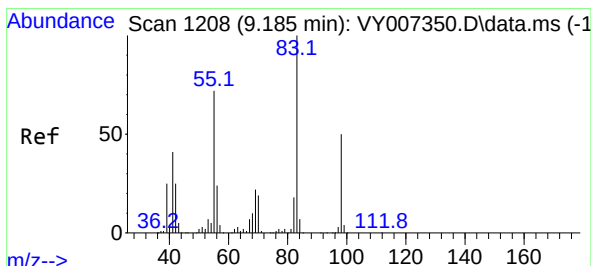
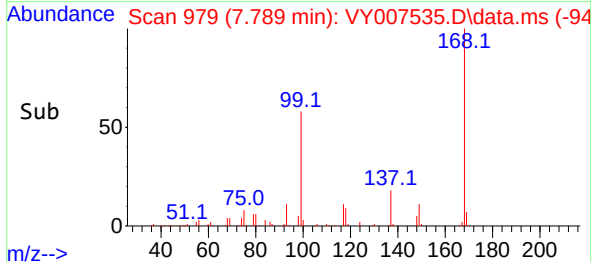
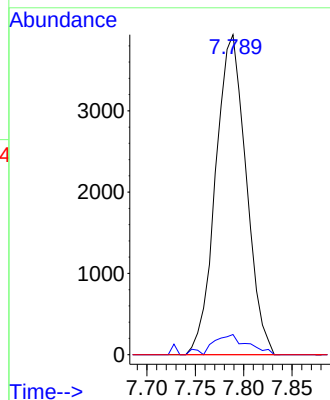
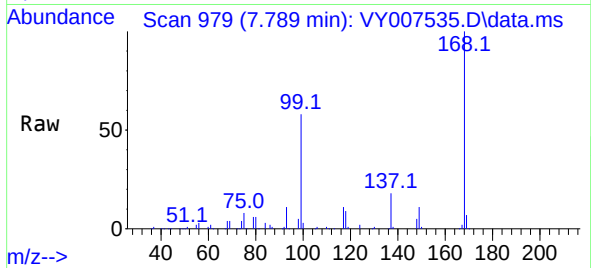




#38
Carbon Tetrachloride
Concen: 4.798 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

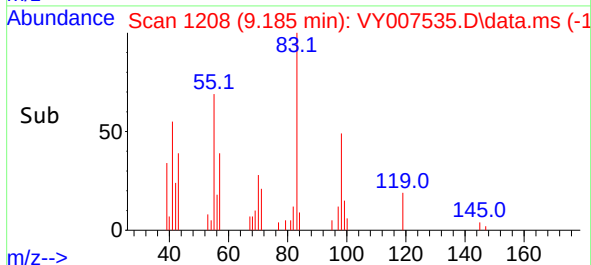
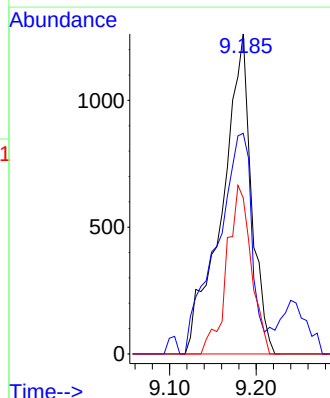
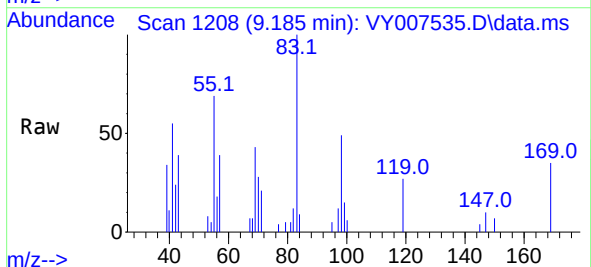
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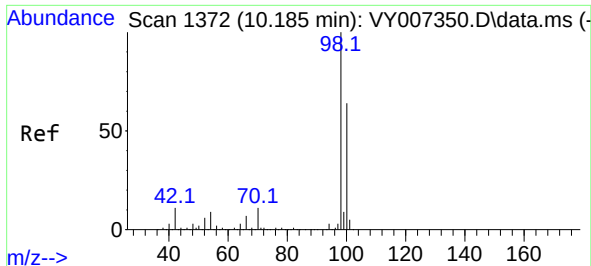
Tgt Ion:117 Resp: 8634
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.443 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Tgt Ion: 83 Resp: 2966
Ion Ratio Lower Upper
83 100
55 68.9 66.5 99.7
98 48.7 37.9 56.9

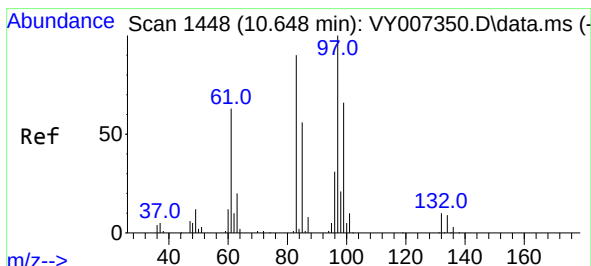
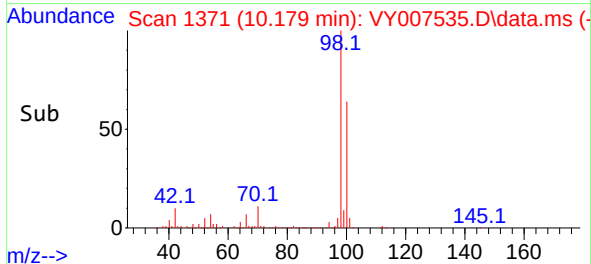
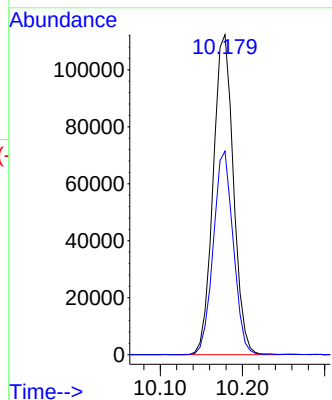
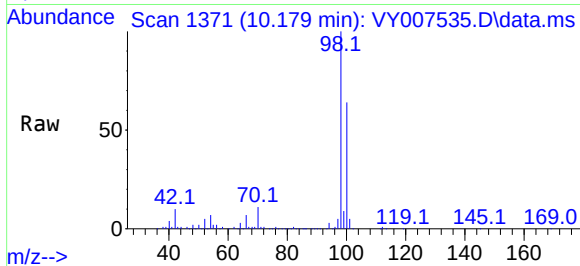




#50
Toluene-d8
Concen: 51.807 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

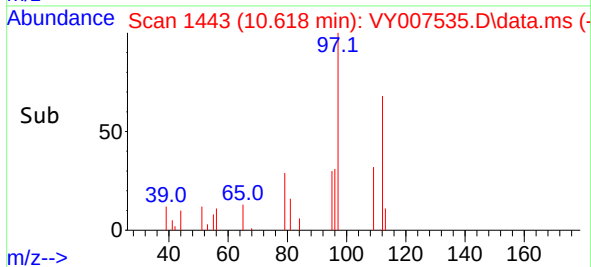
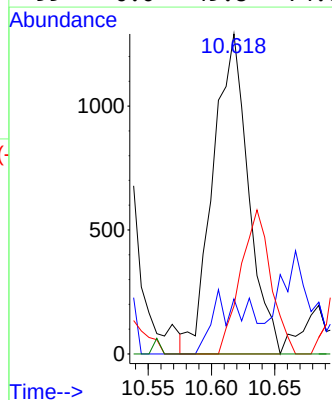
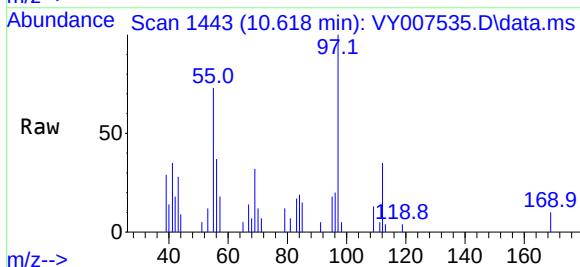
Instrument :
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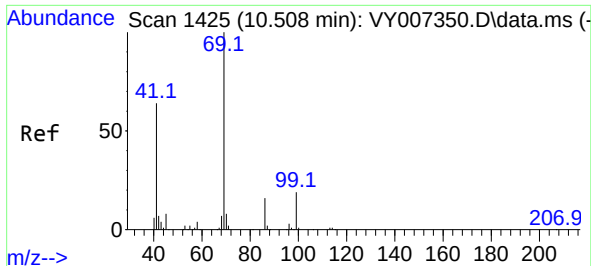
Tgt Ion: 98 Resp: 192316
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#55
1,1,2-Trichloroethane
Concen: 2.945 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Tgt Ion: 97 Resp: 2511
Ion Ratio Lower Upper
97 100
83 17.2 69.8 104.8#
85 14.9 44.3 66.5#
99 0.0 49.8 74.6#

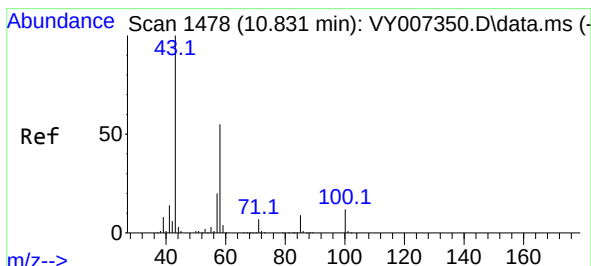
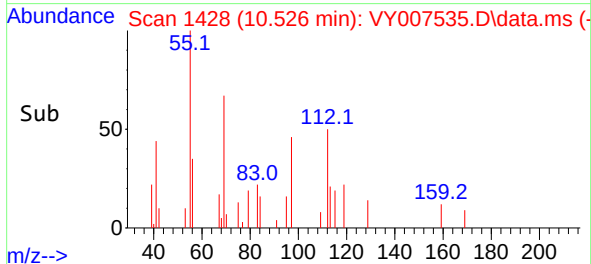
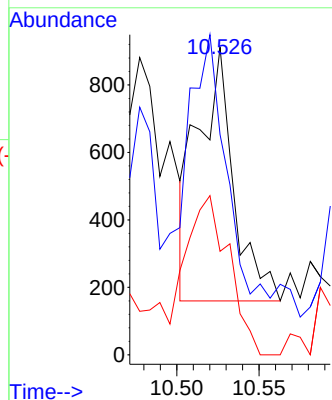
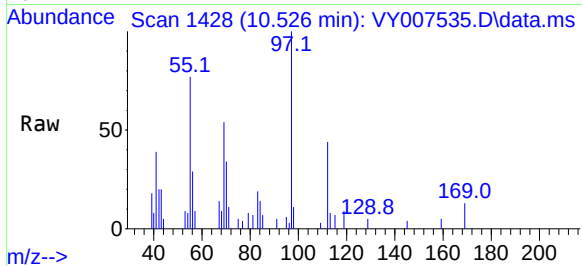




#56
Ethyl methacrylate
Concen: 1.005 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.018 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

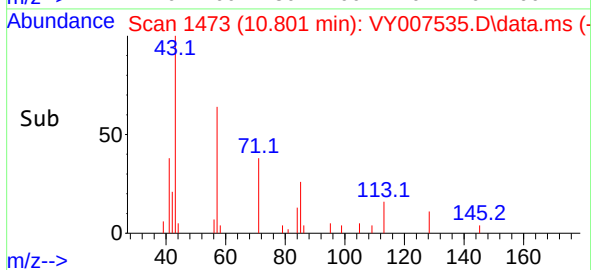
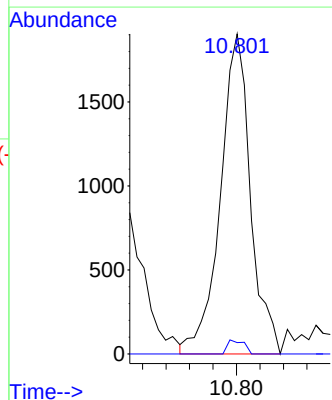
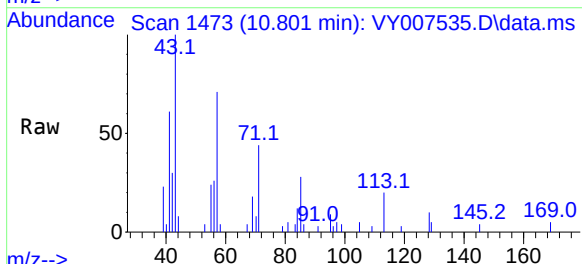
Instrument :
MSVOA_Y
ClientSampleId :
D-10

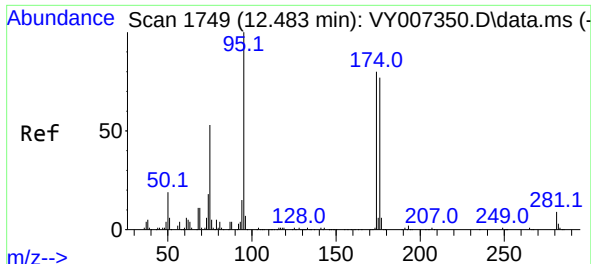
Tgt Ion: 69 Resp: 1152
Ion Ratio Lower Upper
69 100
41 125.3 63.4 95.0#
39 73.9 35.8 53.8#



#59
2-Hexanone
Concen: 6.497 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Tgt Ion: 43 Resp: 3385
Ion Ratio Lower Upper
43 100
58 2.4 24.4 73.4#

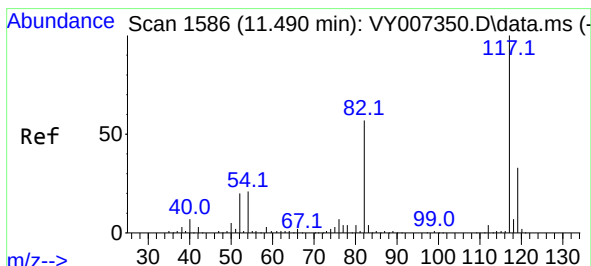
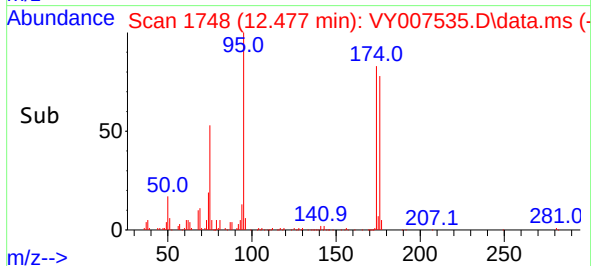
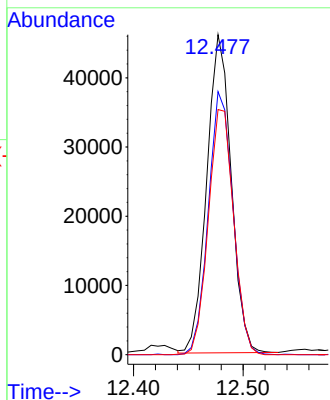
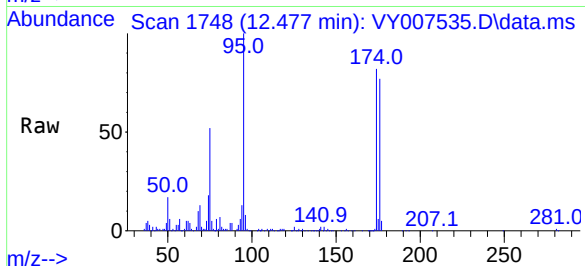




#62
4-Bromofluorobenzene
Concen: 56.556 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

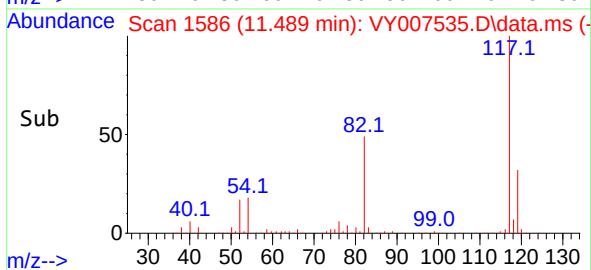
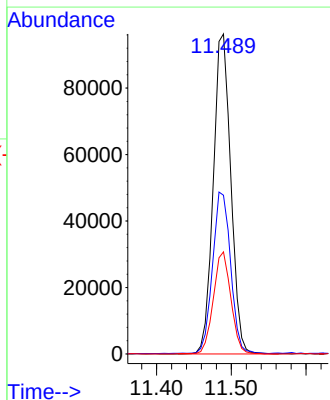
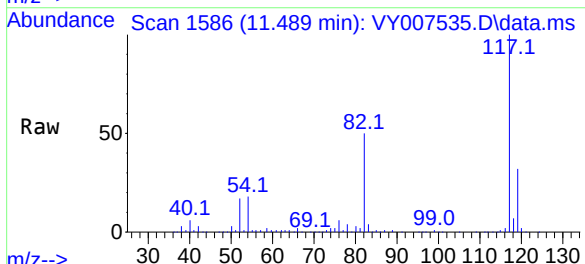
Instrument :
MSVOA_Y
ClientSampleId :
D-10

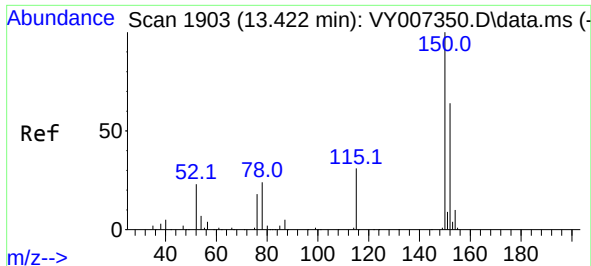
Tgt Ion: 95 Resp: 71188
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 79.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Tgt Ion: 117 Resp: 156782
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 31.9 25.4 38.0

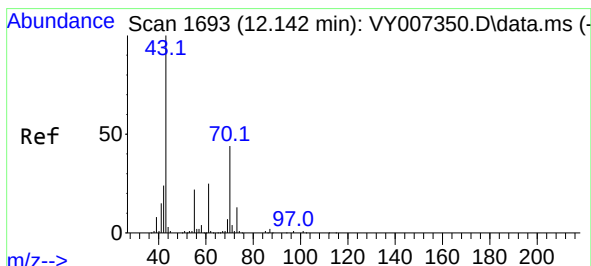
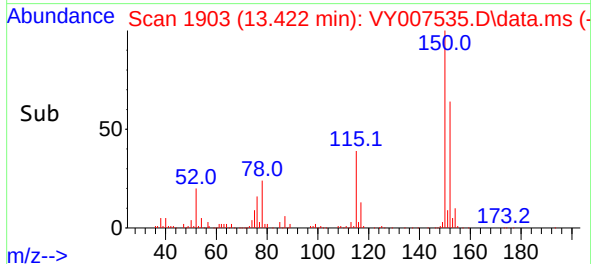
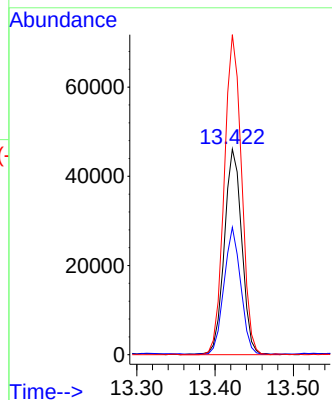
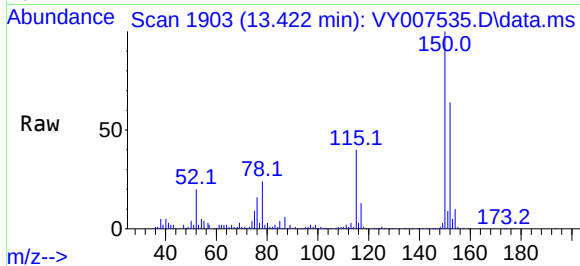




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

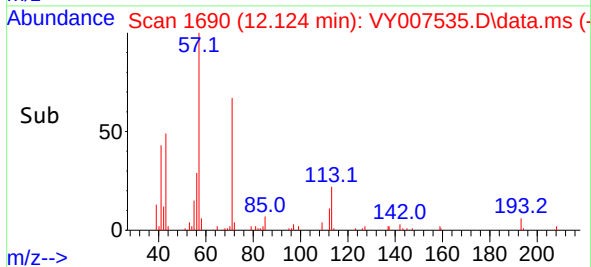
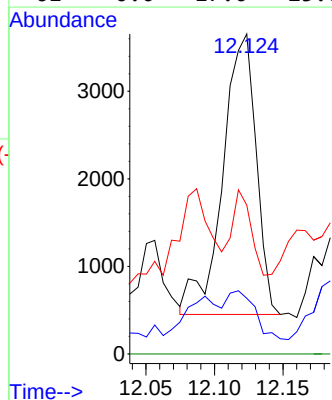
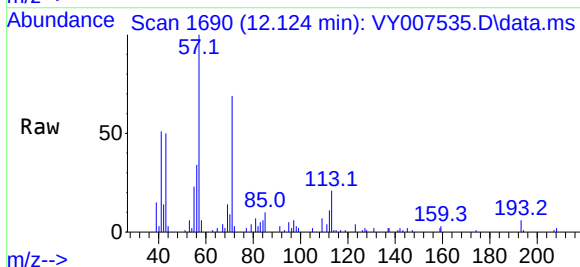
Instrument :
MSVOA_Y
ClientSampleId :
D-10

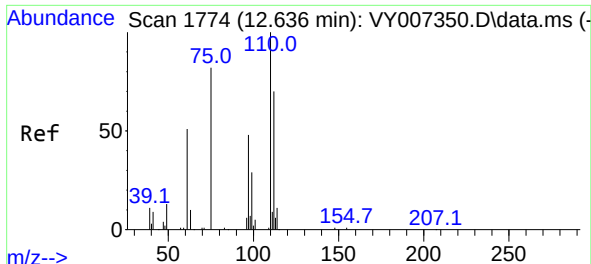
Tgt Ion:152 Resp: 71641
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 154.0 0.0 347.6



#74
N-ethyl acetate
Concen: 3.793 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Tgt Ion: 43 Resp: 5450
Ion Ratio Lower Upper
43 100
70 14.0 28.7 43.1#
55 17.1 17.3 25.9#
61 0.0 17.0 25.6#

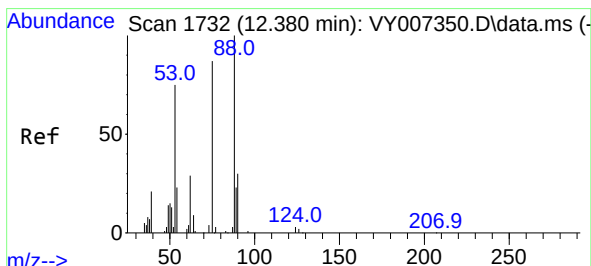
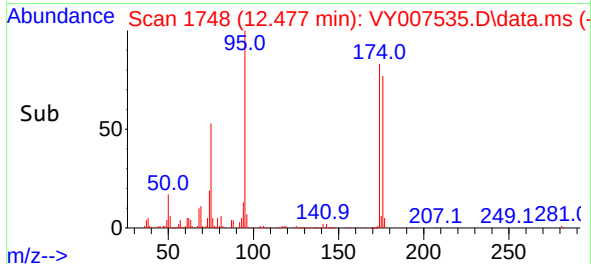
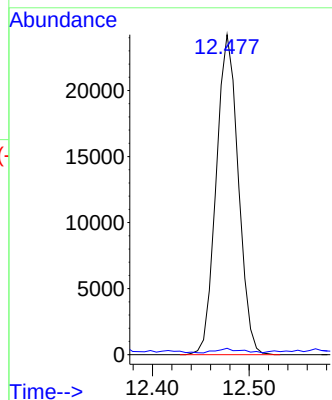
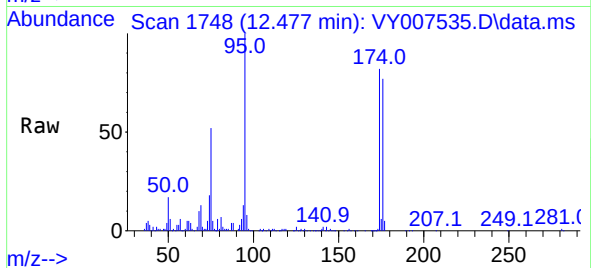




#76
1,2,3-Trichloropropane
Concen: 46.340 ug/l
RT: 12.477 min Scan# 1774
Delta R.T. -0.159 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

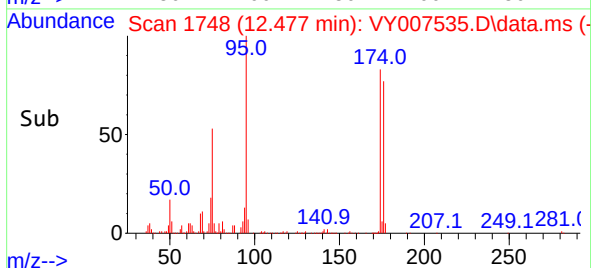
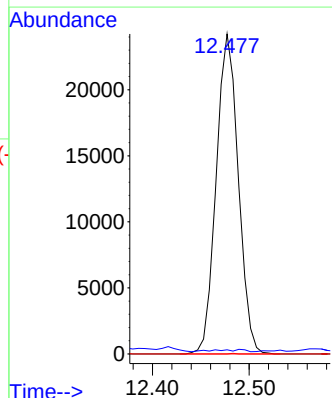
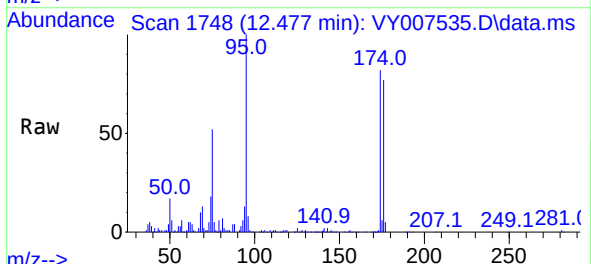
Instrument :
MSVOA_Y
ClientSampleId :
D-10

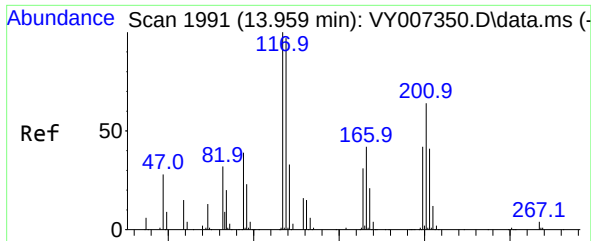
Tgt Ion: 75 Resp: 38359
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.315 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Tgt Ion: 75 Resp: 38359
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.1 37.0 55.4#





#90
 Hexachloroethane
 Concen: 1.884 ug/l
 RT: 13.971 min Scan# 1993
 Delta R.T. 0.012 min
 Lab File: VY007535.D
 Acq: 17 Feb 2022 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-10

Tgt Ion:117 Resp: 2008
 Ion Ratio Lower Upper
 117 100
 201 0.0 43.0 128.8#

