

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007732.D
 Acq On : 04 Mar 2022 03:17
 Operator : SY/MD
 Sample : N1730-11
 Misc : 7.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 07:31:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

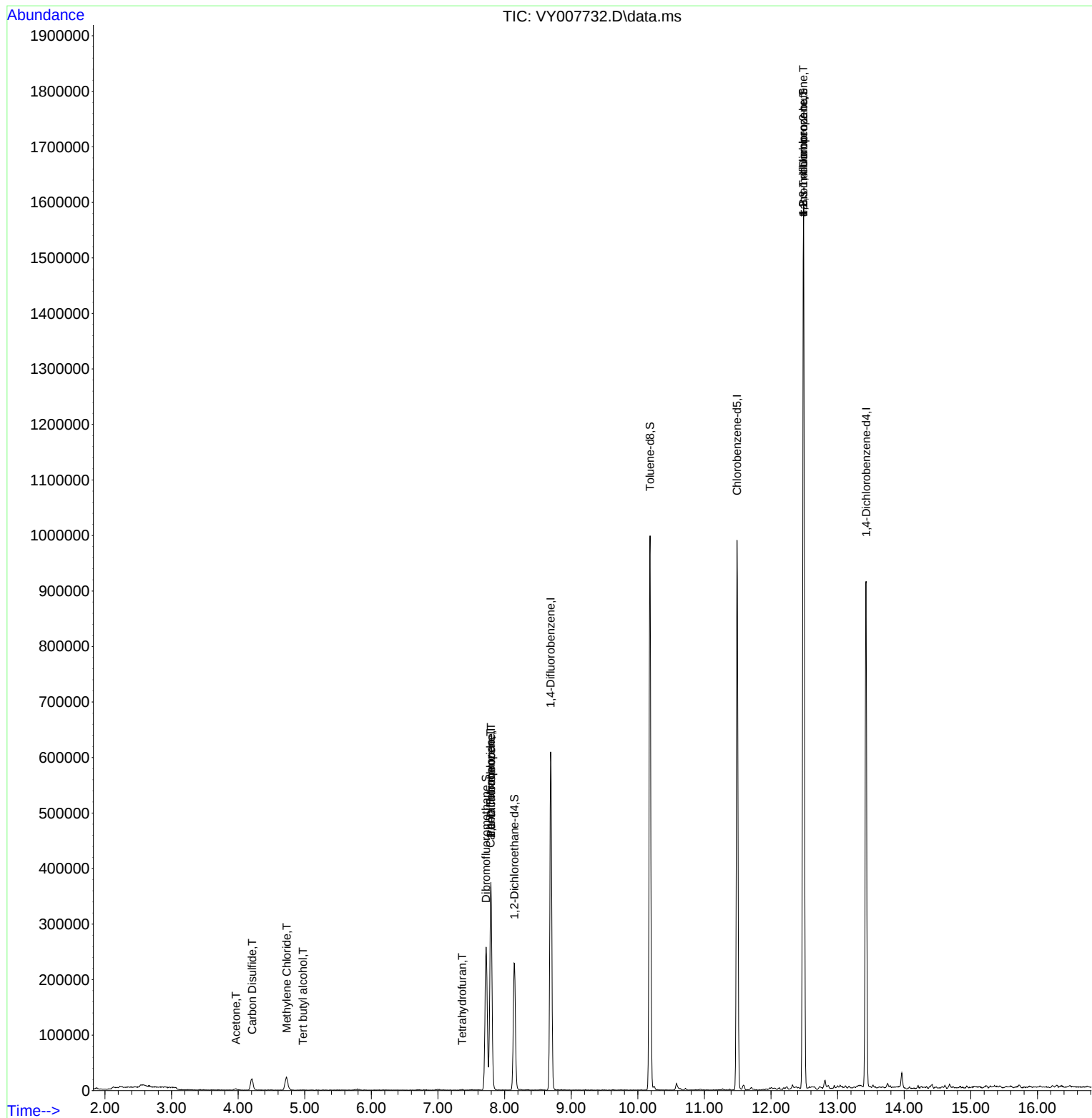
Internal Standards						
1) Pentafluorobenzene	7.795	168	300472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	535389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	537054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	238829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	175128	55.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.340%	
35) Dibromofluoromethane	7.722	113	179012	52.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.600%	
50) Toluene-d8	10.185	98	663258	52.640	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.280%	
62) 4-Bromofluorobenzene	12.483	95	225508	55.523	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	126	Below Cal	#	43
3) Chloromethane	2.119	50	1044	Below Cal		89
11) Tert butyl alcohol	4.972	59	295	1.083	ug/l #	77
13) Acrolein	3.753	56	20	Below Cal	#	14
16) Acetone	3.966	43	4048	6.326	ug/l	94
17) Carbon Disulfide	4.210	76	42059	2.764	ug/l	100
18) Methyl Acetate	4.478	43	416	Below Cal	#	83
20) Methylene Chloride	4.728	84	16561	1.144	ug/l #	84
29) Tetrahydrofuran	7.362	42	877	1.194	ug/l #	73
31) Cyclohexane	7.795	56	6315	Below Cal	#	5
36) 1,1-Dichloropropene	7.795	75	21935	4.074	ug/l #	52
38) Carbon Tetrachloride	7.789	117	28308	4.928	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	131395	49.264	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	131395	100.714	ug/l #	8

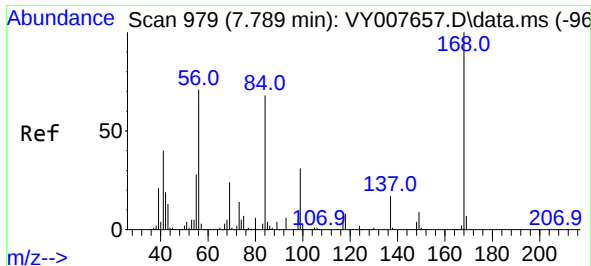
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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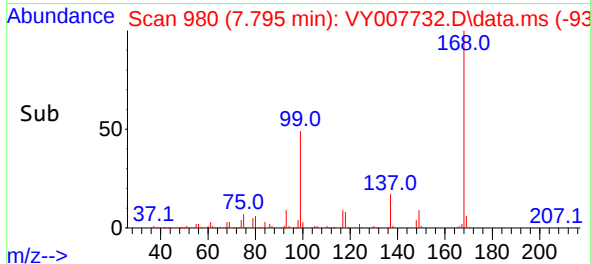
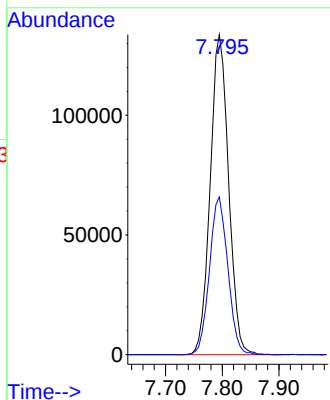
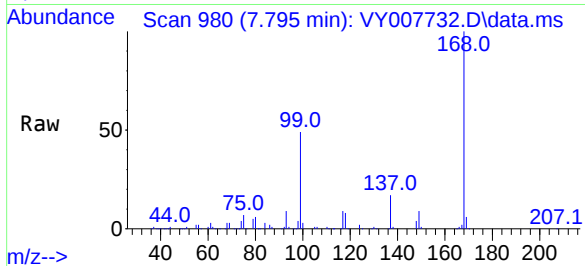




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

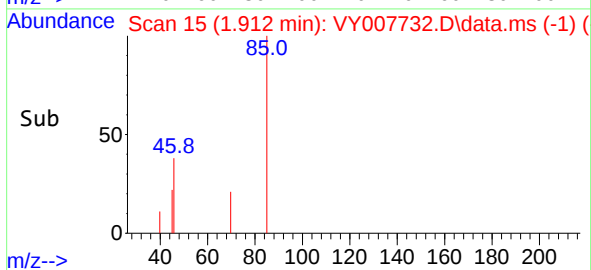
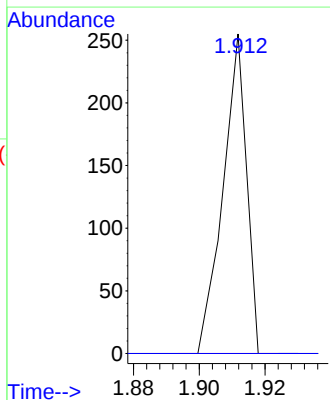
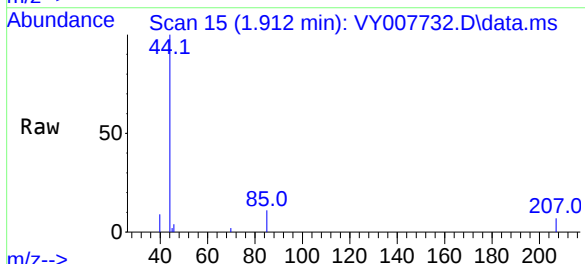
Instrument :
MSVOA_Y
ClientSampleId :

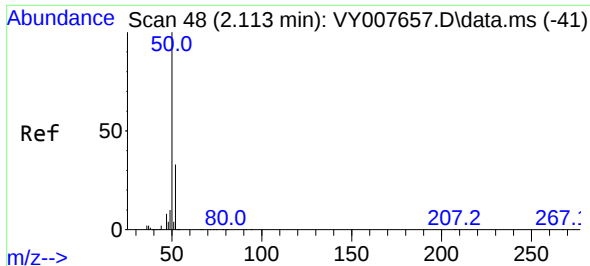
Tgt Ion:168 Resp: 300472
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

Tgt Ion: 85 Resp: 126
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

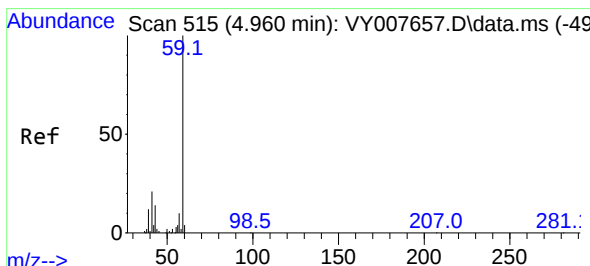
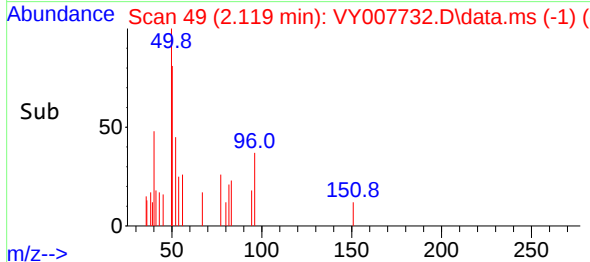
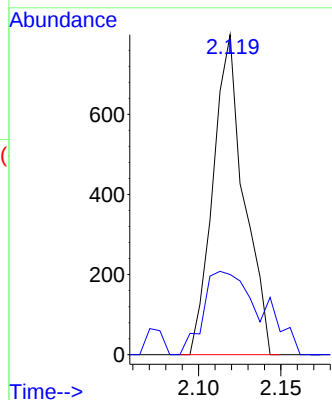
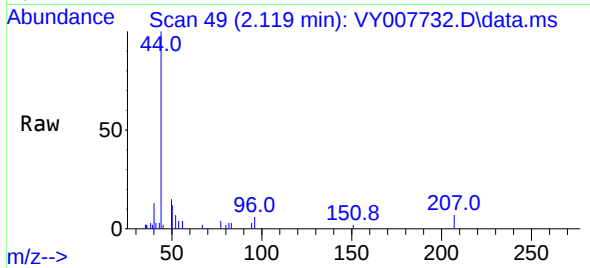




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

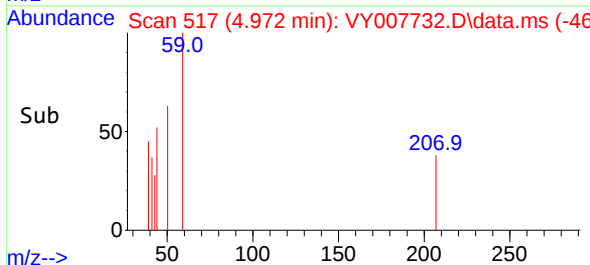
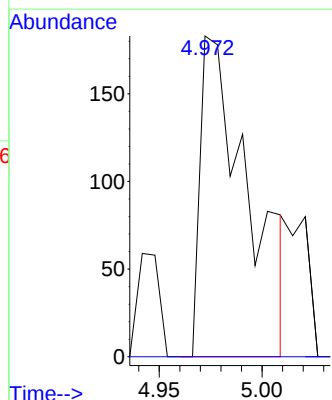
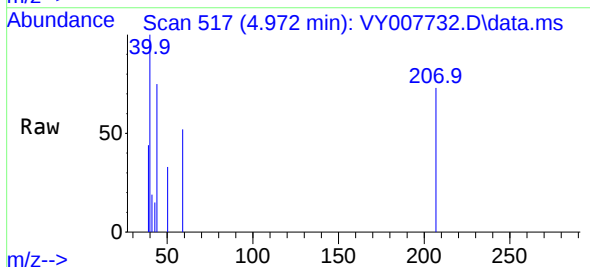
Instrument :
MSVOA_Y
ClientSampleId :

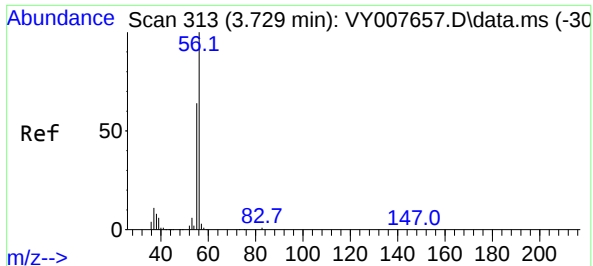
Tgt Ion: 50 Resp: 1044
Ion Ratio Lower Upper
50 100
52 25.0 24.6 37.0



#11
Tert butyl alcohol
Concen: 1.083 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

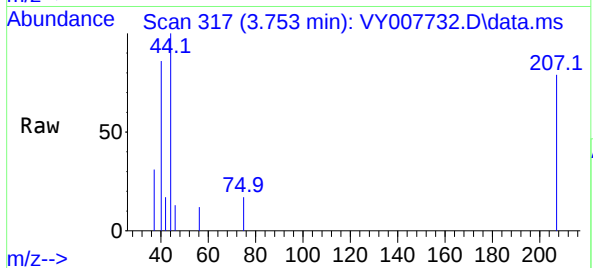
Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



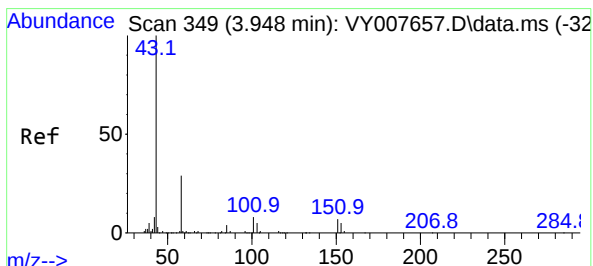
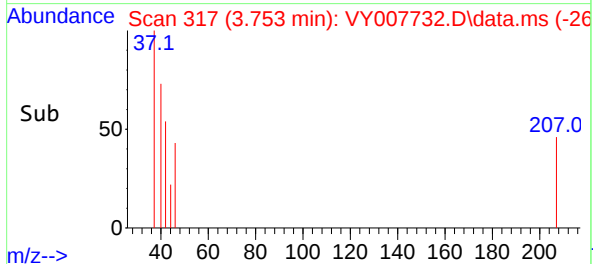
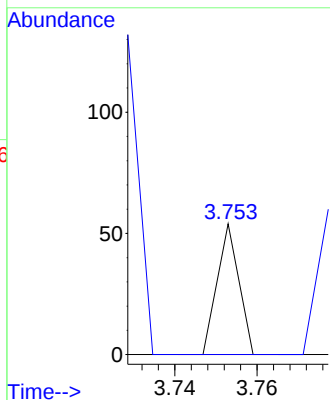


#13
Acrolein
Concen: Below Cal
RT: 3.753 min Scan# 313
Delta R.T. 0.024 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

Instrument :
MSVOA_Y
ClientSampleId :

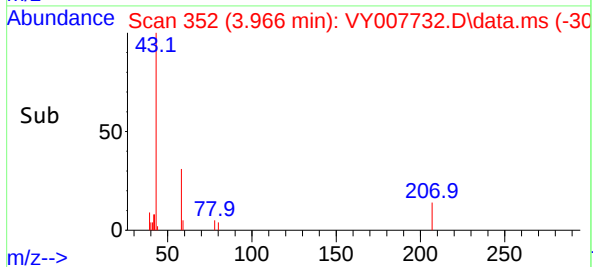
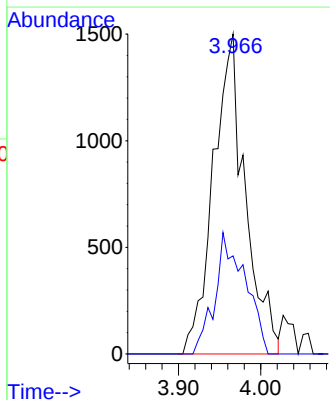
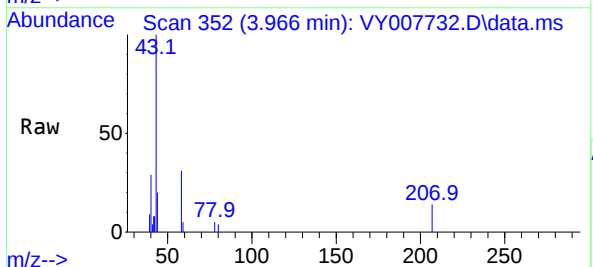


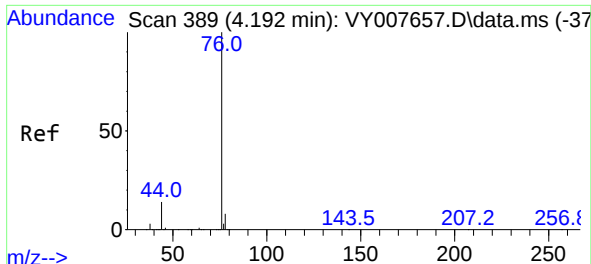
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 6.326 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

Tgt Ion: 43 Resp: 4048
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0

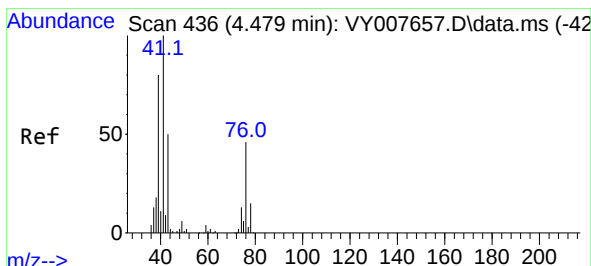
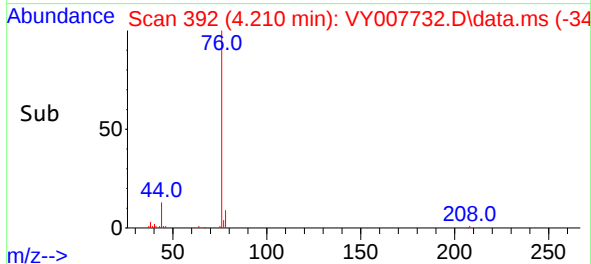
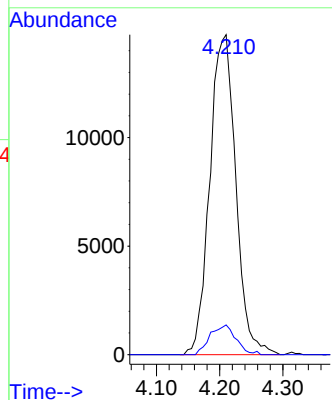
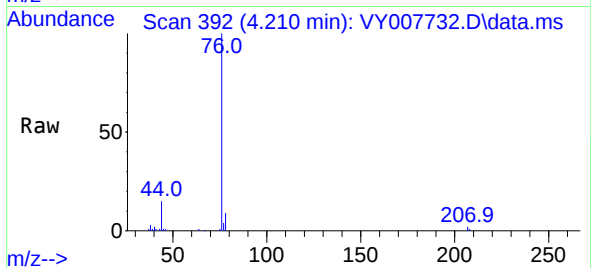




#17
Carbon Disulfide
Concen: 2.764 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

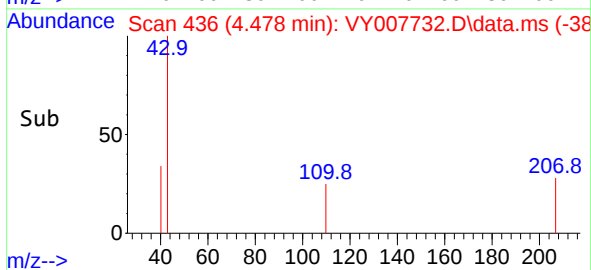
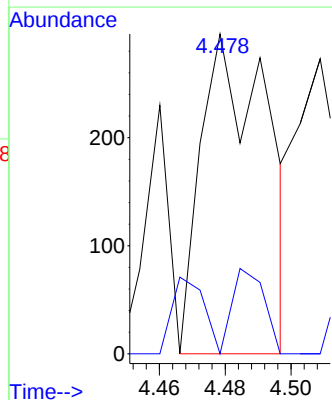
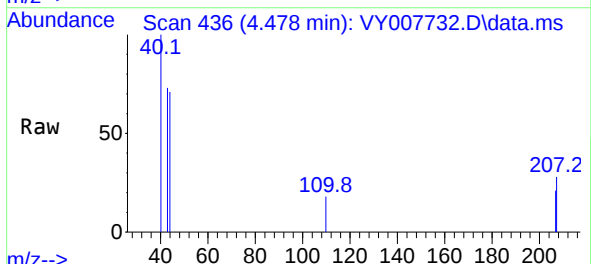
Instrument :
MSVOA_Y
ClientSampleId :

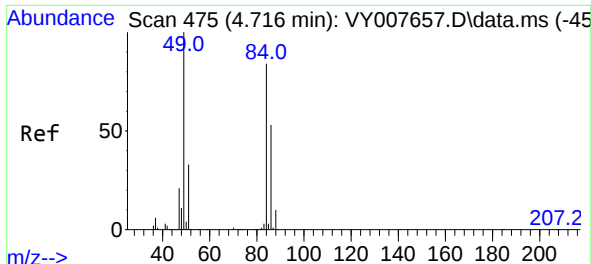
Tgt Ion: 76 Resp: 42059
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

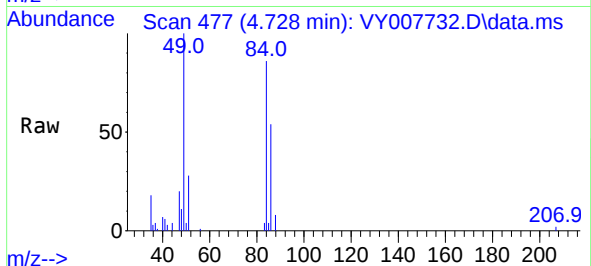
Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
74 12.7 16.6 24.8#





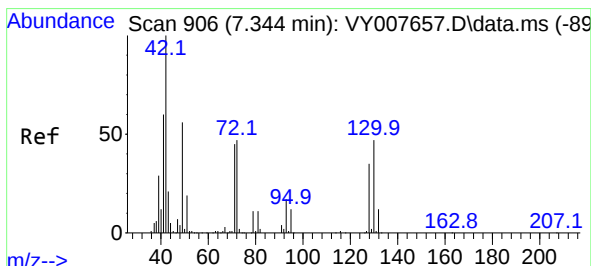
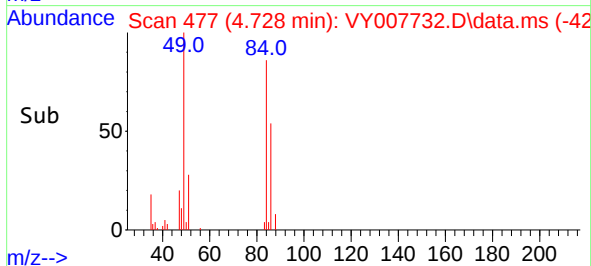
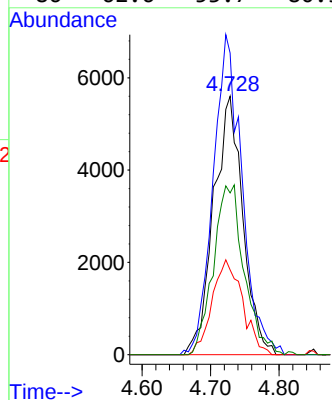
#20
Methylene Chloride
Concen: 1.144 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 16561

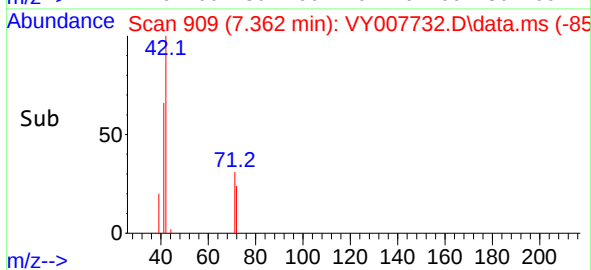
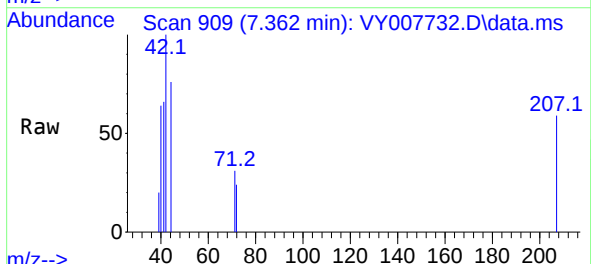
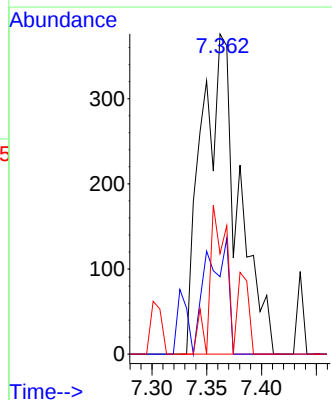
Ion	Ratio	Lower	Upper
84	100		
49	116.7	114.4	171.6
51	32.8	35.3	52.9#
86	62.6	53.7	80.5

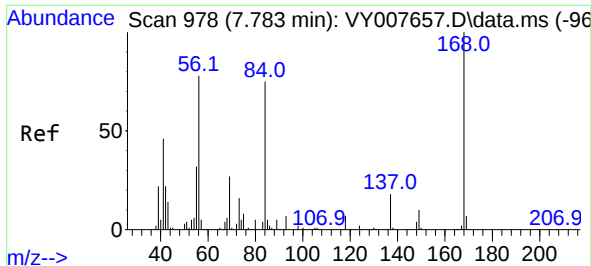


#29
Tetrahydrofuran
Concen: 1.194 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

Tgt Ion: 42 Resp: 877

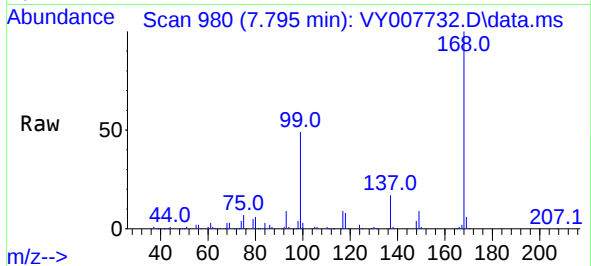
Ion	Ratio	Lower	Upper
42	100		
72	21.2	30.3	45.5#
71	20.8	29.0	43.4#



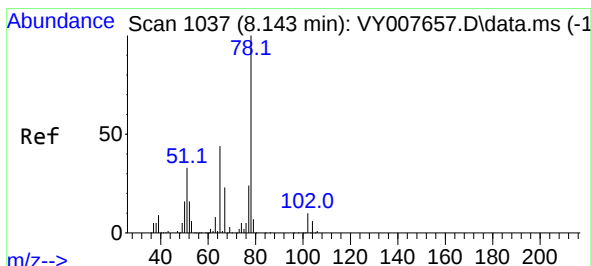
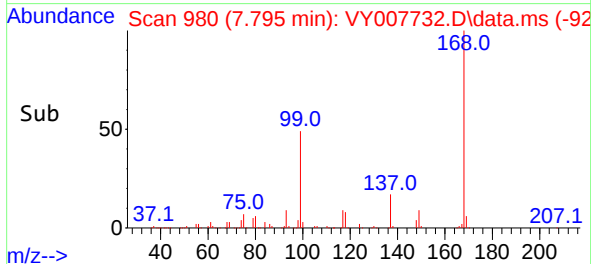
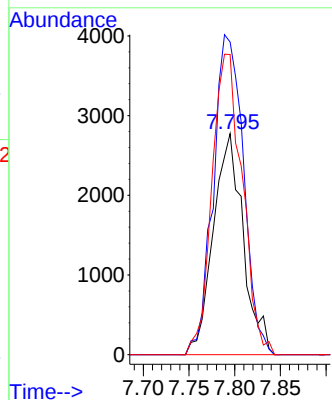


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

Instrument :
MSVOA_Y
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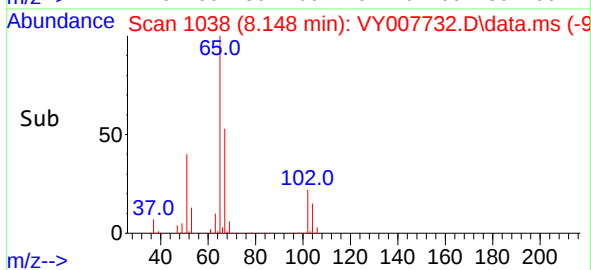
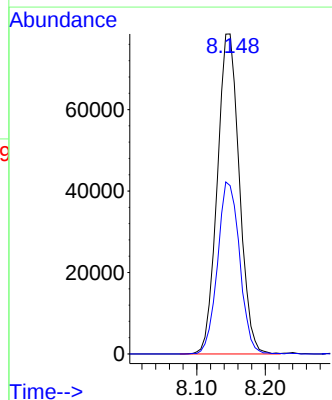
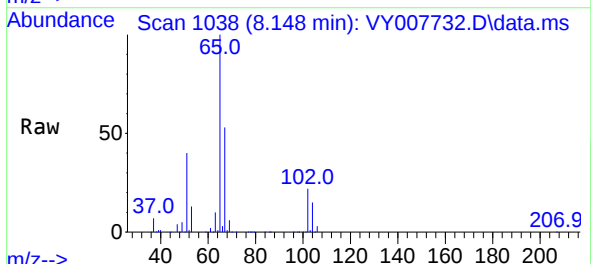


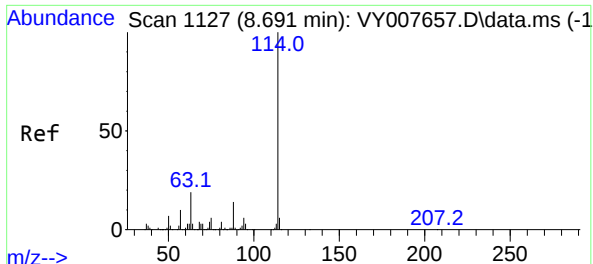
Tgt Ion: 56 Resp: 6315
Ion Ratio Lower Upper
56 100
69 141.4 26.7 40.1#
84 135.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.673 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.005 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

Tgt Ion: 65 Resp: 175128
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007732.D

Acq: 04 Mar 2022 03:17

Instrument :

MSVOA_Y

ClientSampleId :

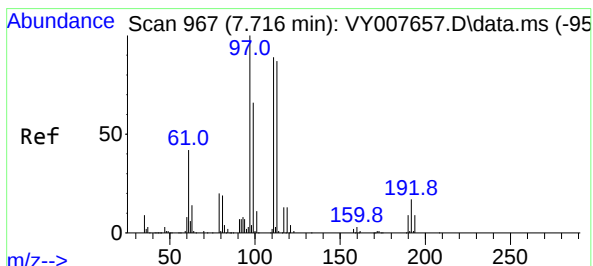
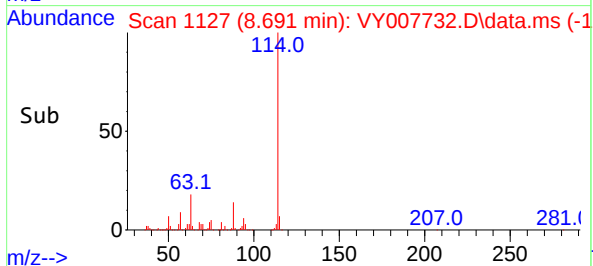
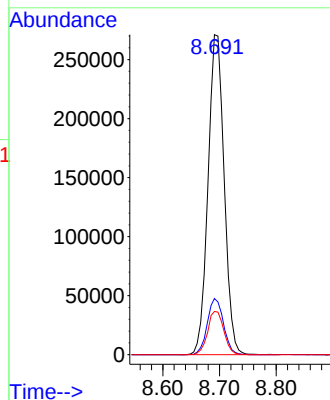
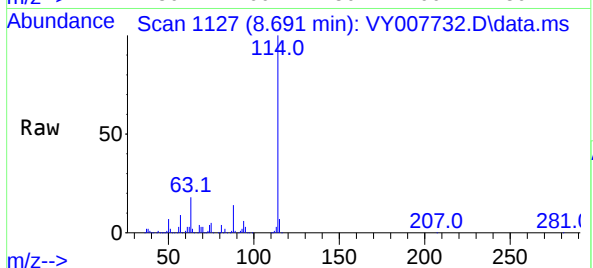
Tgt Ion:114 Resp: 535389

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.298 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007732.D

Acq: 04 Mar 2022 03:17

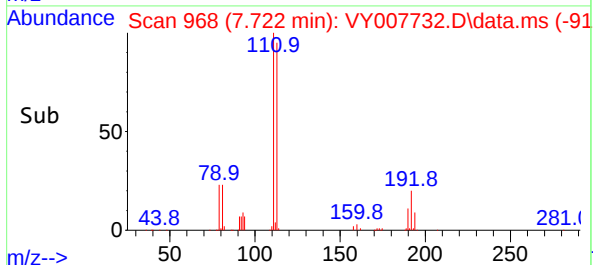
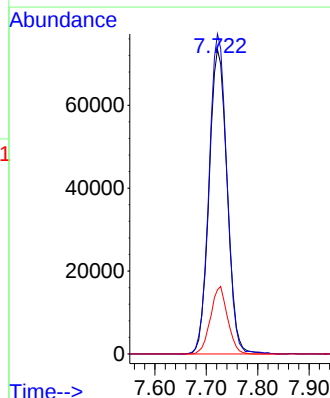
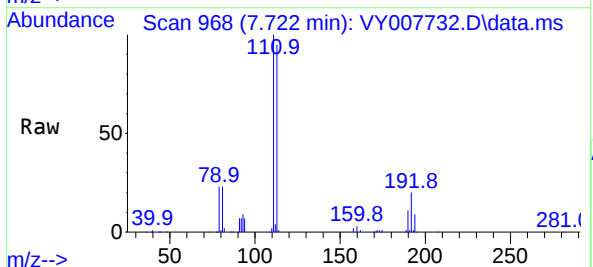
Tgt Ion:113 Resp: 179012

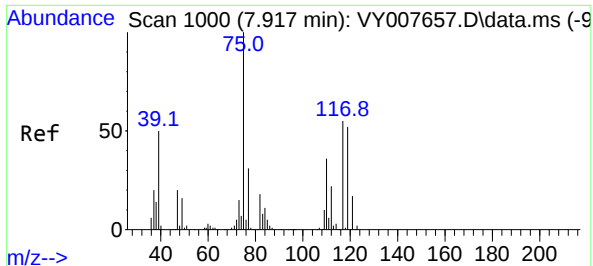
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 20.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.074 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY007732.D

Acq: 04 Mar 2022 03:17

Instrument :

MSVOA_Y

ClientSampleId :

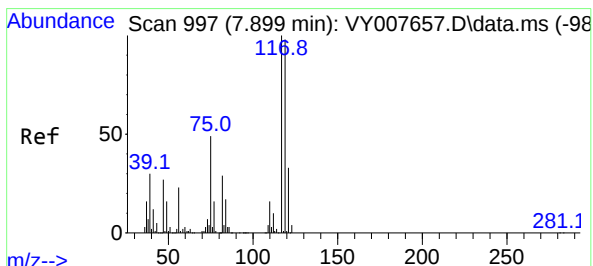
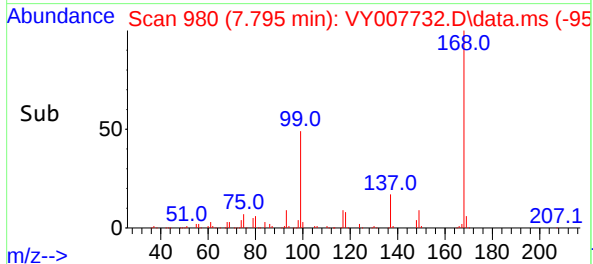
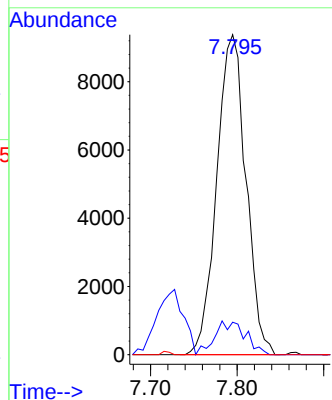
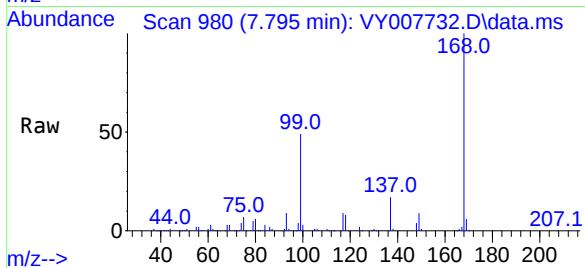
Tgt Ion: 75 Resp: 21935

Ion Ratio Lower Upper

75 100

110 10.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.928 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007732.D

Acq: 04 Mar 2022 03:17

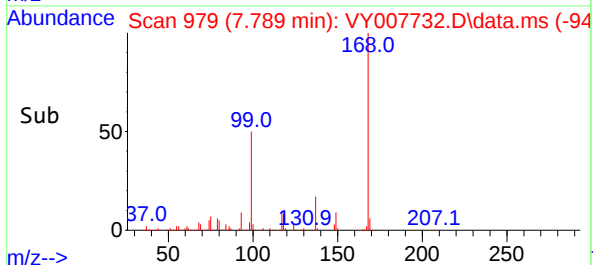
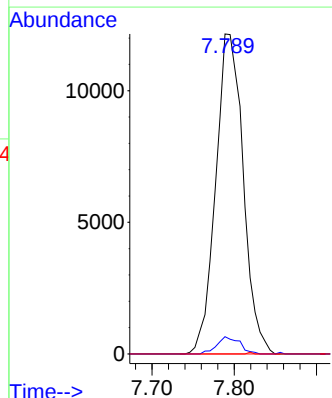
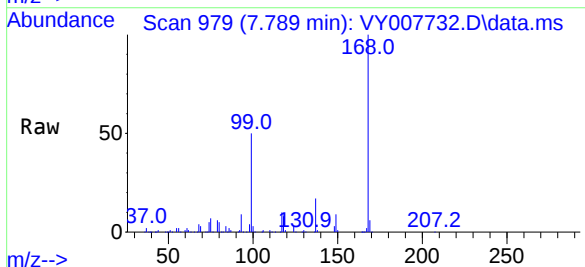
Tgt Ion: 117 Resp: 28308

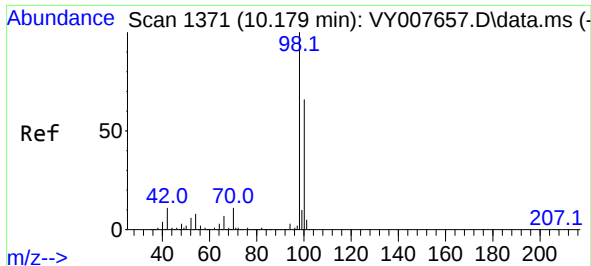
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#

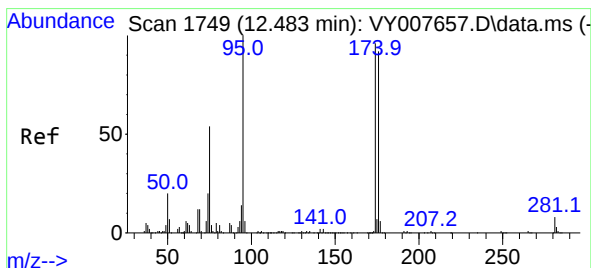
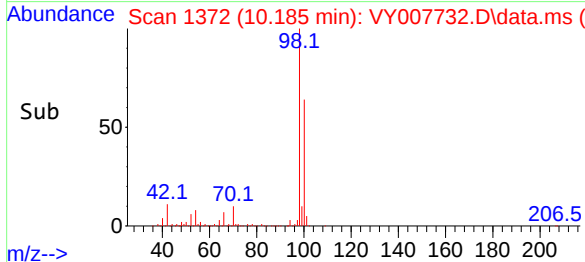
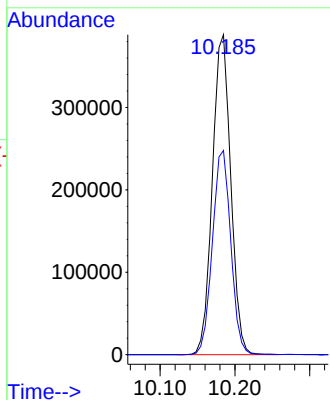
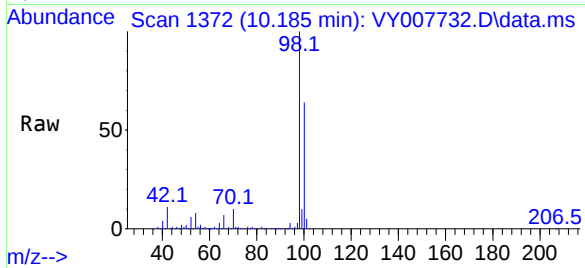




#50
Toluene-d8
Concen: 52.640 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

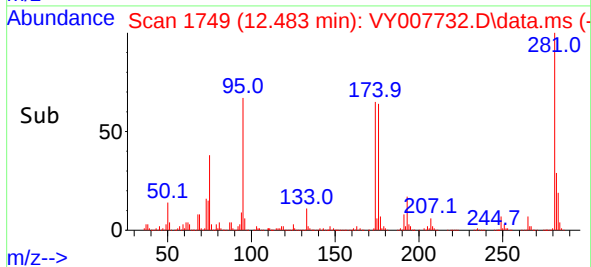
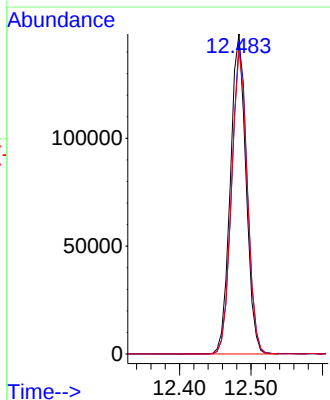
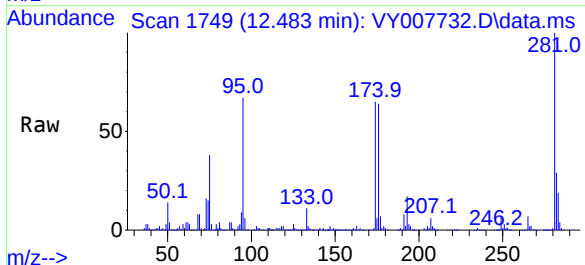
Instrument :
MSVOA_Y
ClientSampleId :

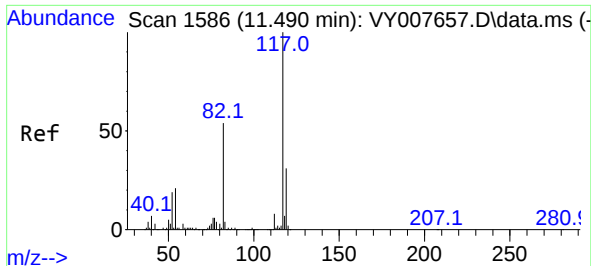
Tgt Ion: 98 Resp: 663258
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.523 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

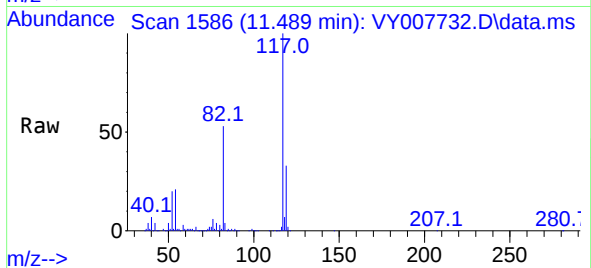
Tgt Ion: 95 Resp: 225508
Ion Ratio Lower Upper
95 100
174 96.7 0.0 177.0
176 95.0 0.0 175.8



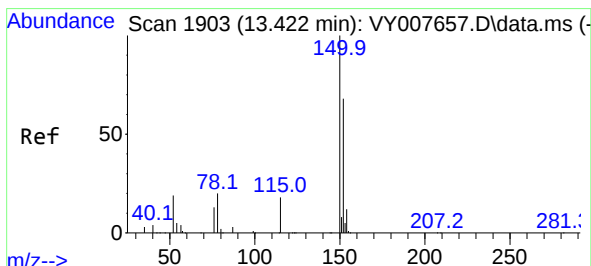
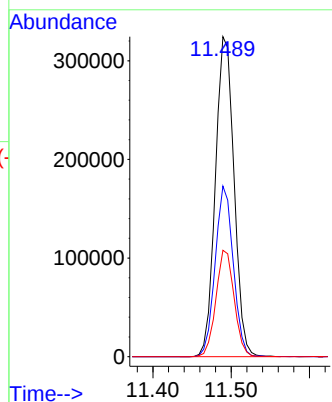
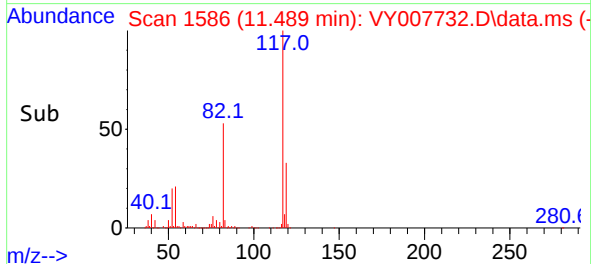


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

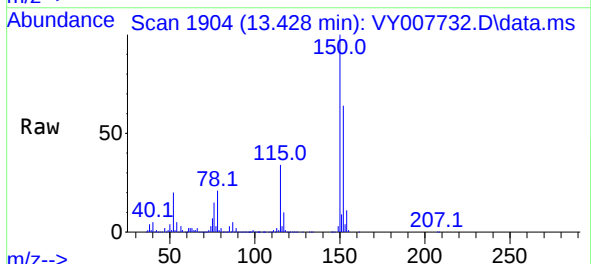
Instrument :
MSVOA_Y
ClientSampleId :



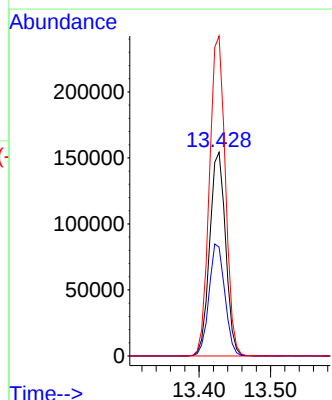
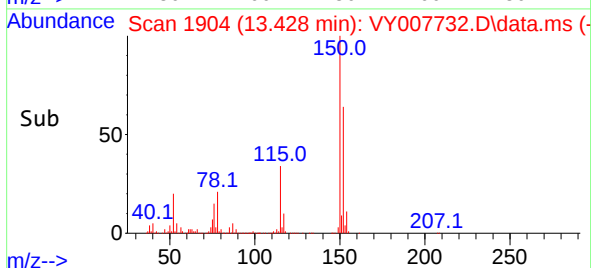
Tgt Ion:117 Resp: 537054
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 33.3 25.4 38.0

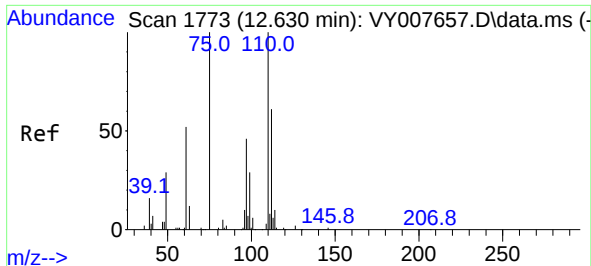


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17



Tgt Ion:152 Resp: 238829
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.9 0.0 347.6

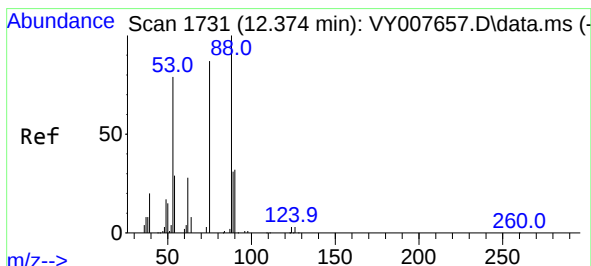
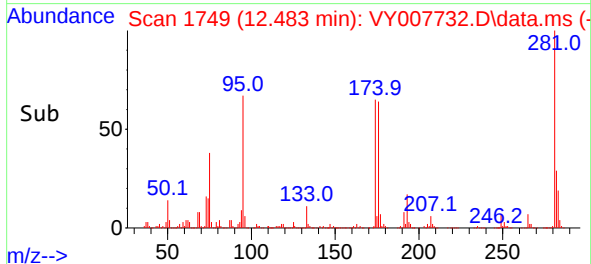
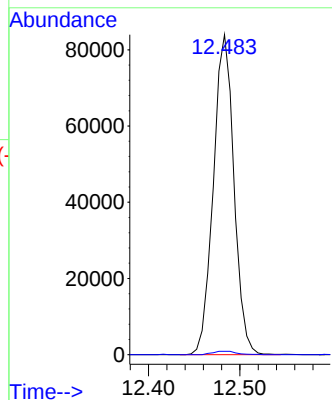
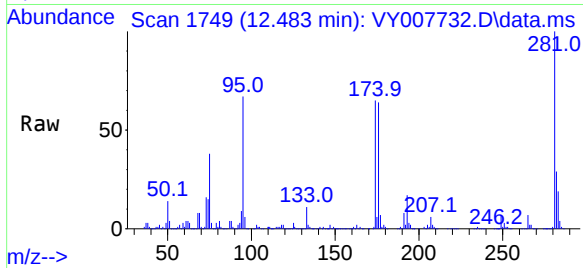




#76
1,2,3-Trichloropropane
Concen: 49.264 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 131395
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.714 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007732.D
Acq: 04 Mar 2022 03:17

Tgt Ion: 75 Resp: 131395
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 1.7 37.0 55.4#

