

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005244.D
 Acq On : 28 Jun 2021 13:17
 Operator : SY/MD
 Sample : M2866-03
 Misc : 6.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124030

Quant Time: Jun 29 01:16:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

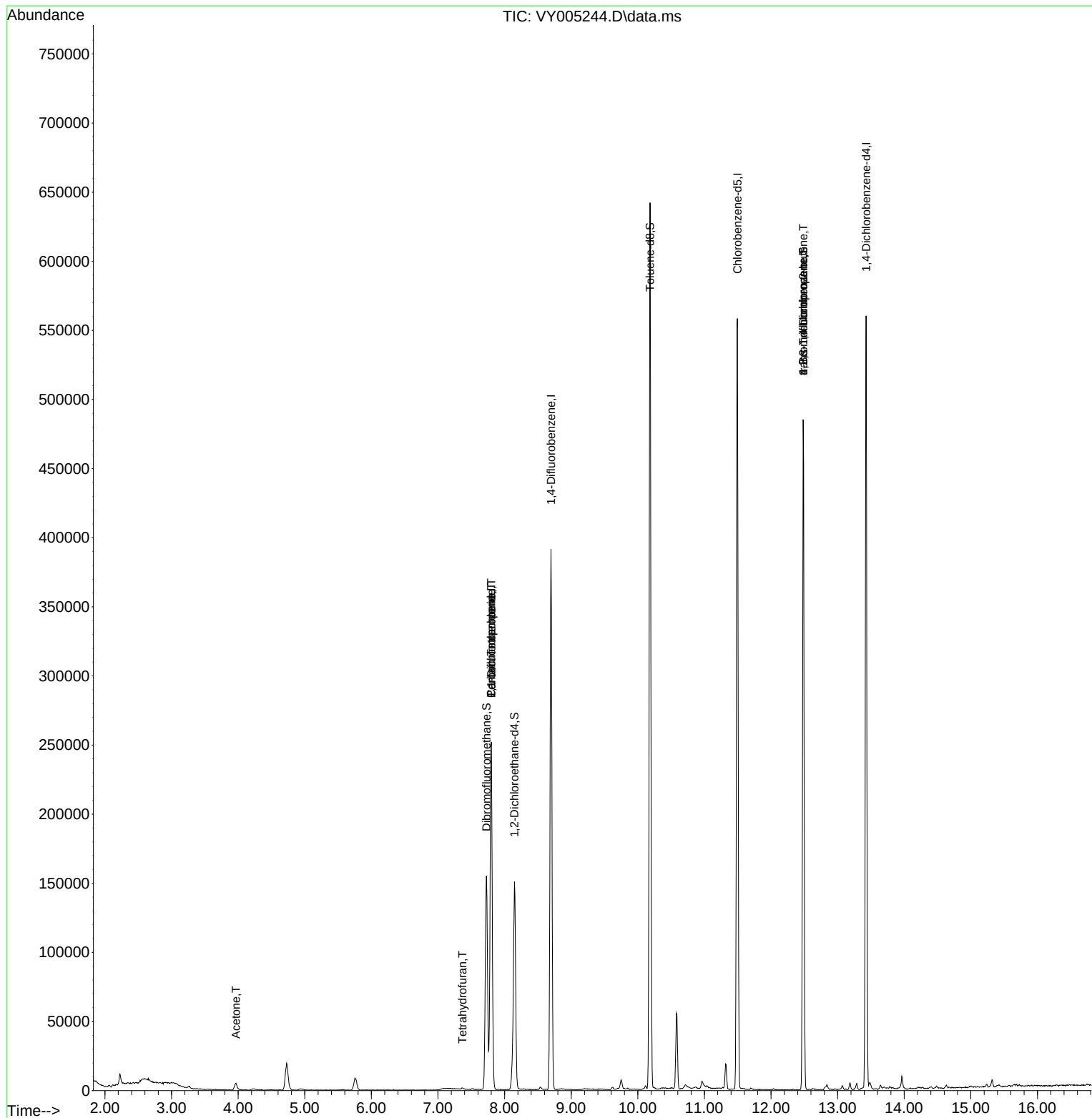
Internal Standards						
1) Pentafluorobenzene	7.801	168	222747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	354090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	340800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	111766	60.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.920%	
35) Dibromofluoromethane	7.728	113	110022	52.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.380%	
50) Toluene-d8	10.184	98	428001	51.251	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	12.483	95	138415	49.739	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	153	Below Cal	#	77
16) Acetone	3.966	43	8381	19.627	ug/l	98
20) Methylene Chloride	4.728	84	15169	Below Cal		96
29) Tetrahydrofuran	7.368	42	669	1.633	ug/l	# 78
36) 1,1-Dichloropropene	7.801	75	12948	4.153	ug/l	# 48
38) Carbon Tetrachloride	7.801	117	18508	5.670	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	64905	46.609	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	64905	86.962	ug/l	# 17

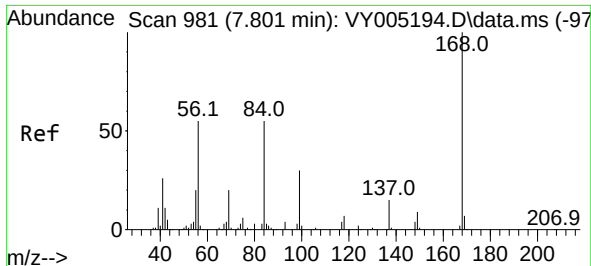
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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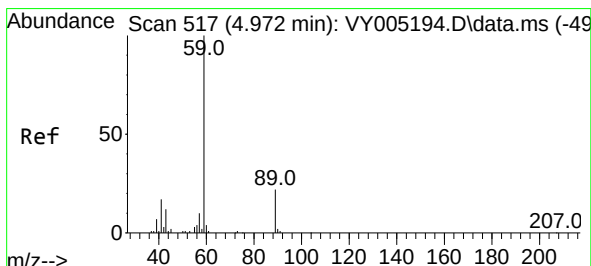
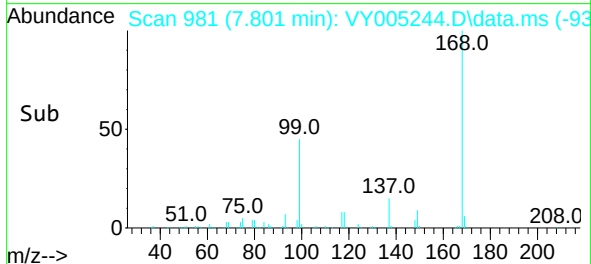
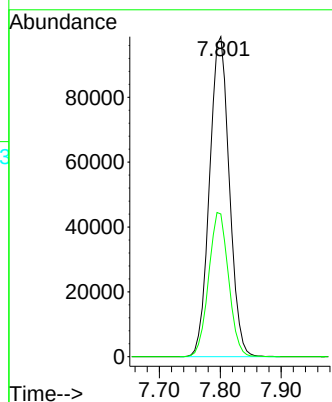
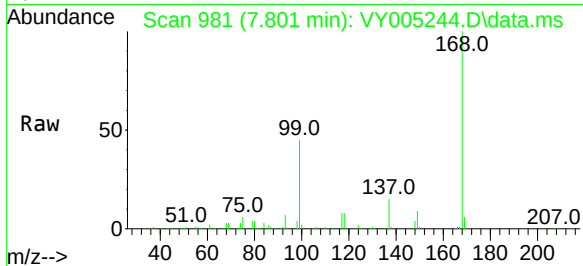




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

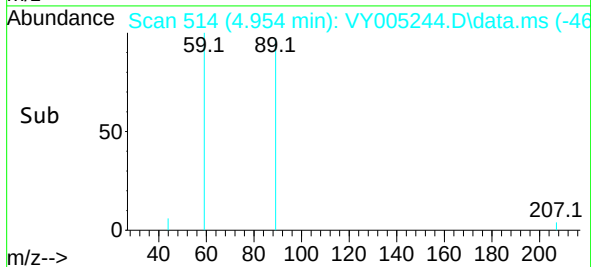
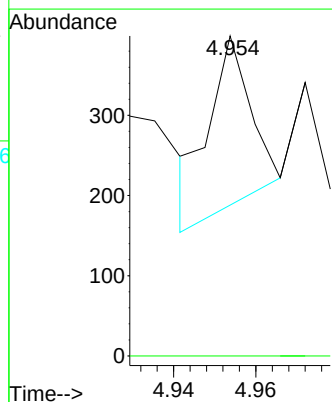
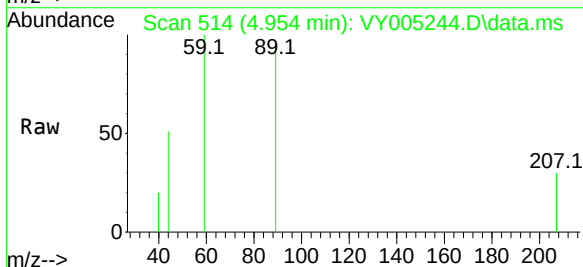
Instrument :
MSVOA_Y
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124030

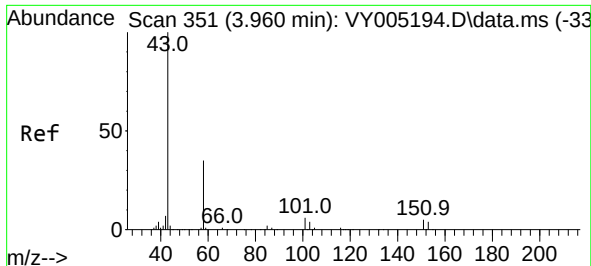
Tgt Ion:168 Resp: 222747
Ion Ratio Lower Upper
168 100
99 44.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Tgt Ion: 59 Resp: 153
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

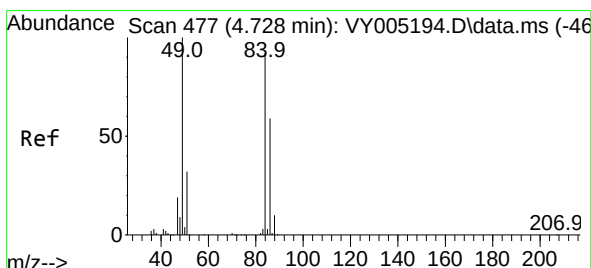
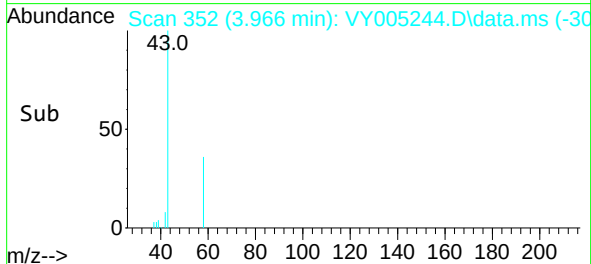
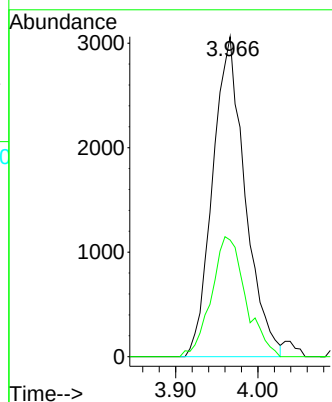
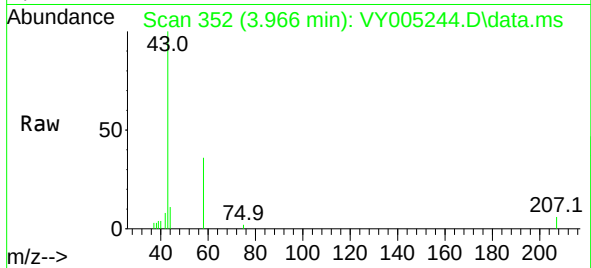




#16
Acetone
Concen: 19.627 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

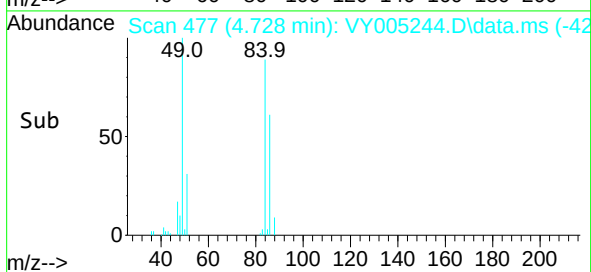
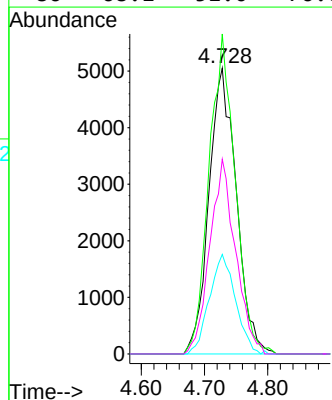
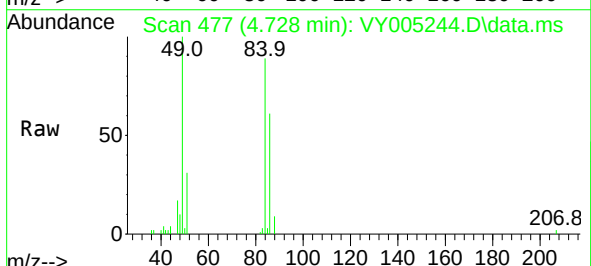
Instrument :
MSVOA_Y
ClientSampleId :
124030

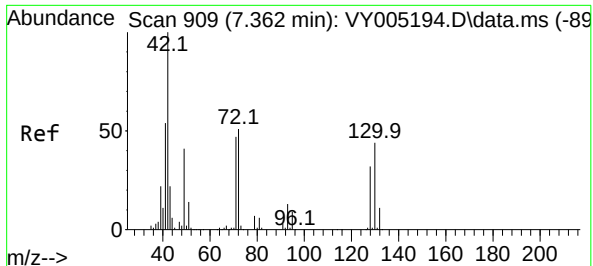
Tgt Ion: 43 Resp: 8381
Ion Ratio Lower Upper
43 100
58 36.4 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Tgt Ion: 84 Resp: 15169
Ion Ratio Lower Upper
84 100
49 112.0 86.9 130.3
51 34.8 27.4 41.2
86 68.1 51.0 76.6





#29

Tetrahydrofuran

Concen: 1.633 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

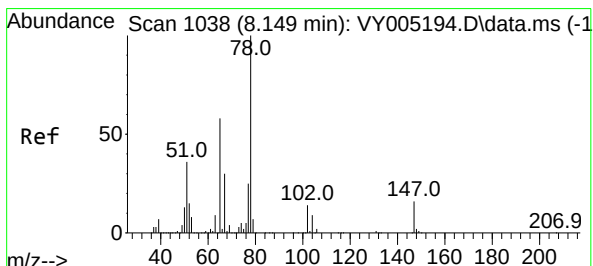
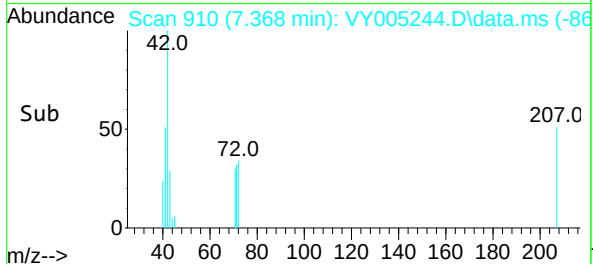
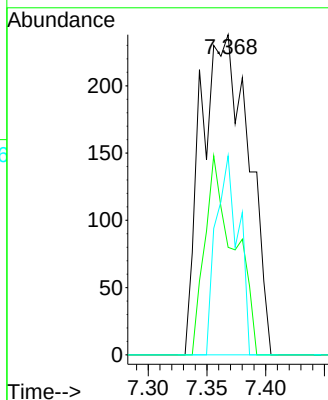
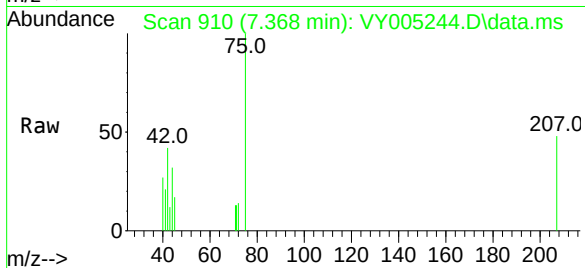
Lab File: VY005244.D

Acq: 28 Jun 2021 13:17

Instrument :
MSVOA_Y
ClientSampleId :
124030

Tgt Ion: 42 Resp: 669

Ion	Ratio	Lower	Upper
42	100		
72	38.3	40.9	61.3#
71	29.6	37.9	56.9#



#33

1,2-Dichloroethane-d4

Concen: 60.464 ug/l

RT: 8.148 min Scan# 1038

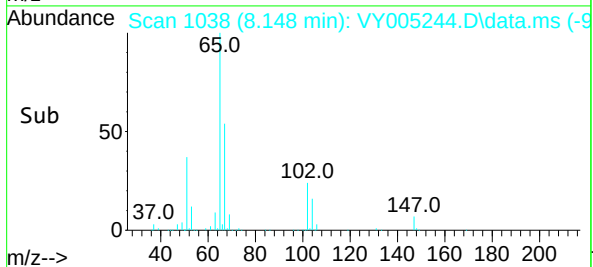
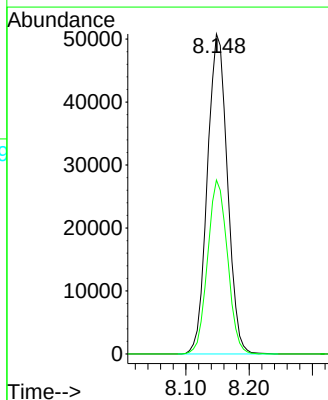
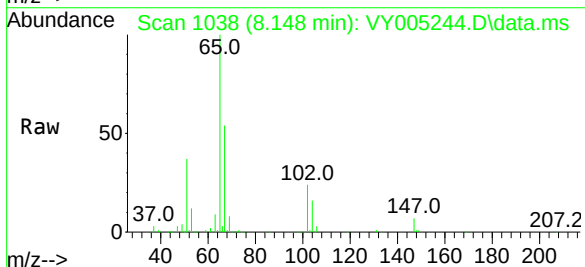
Delta R.T. -0.000 min

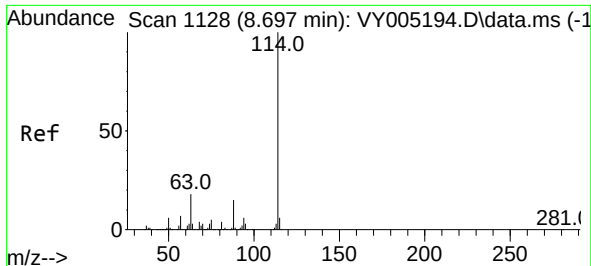
Lab File: VY005244.D

Acq: 28 Jun 2021 13:17

Tgt Ion: 65 Resp: 111766

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	110.6

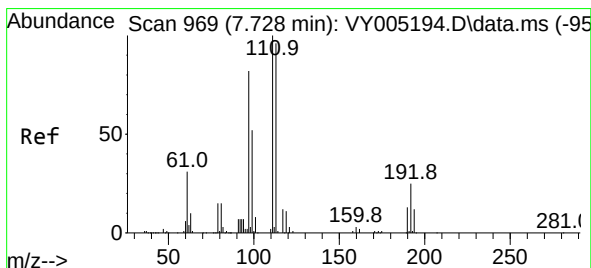
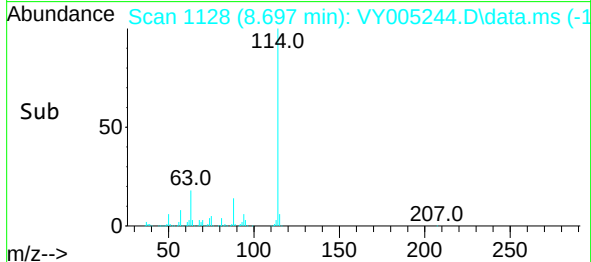
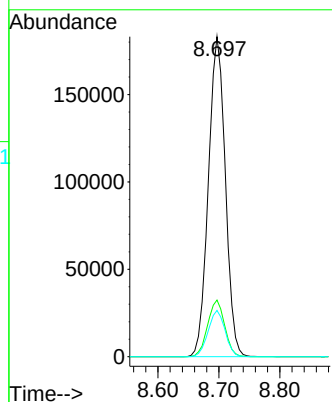
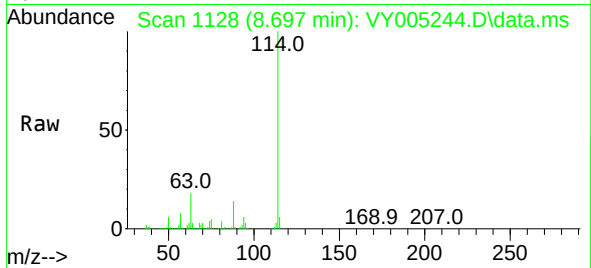




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

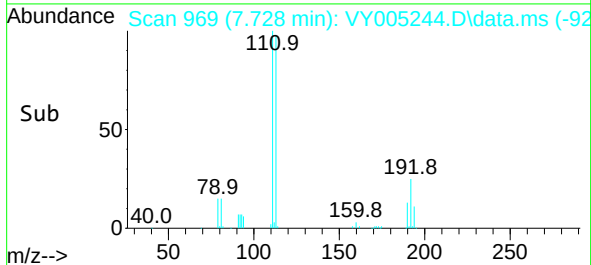
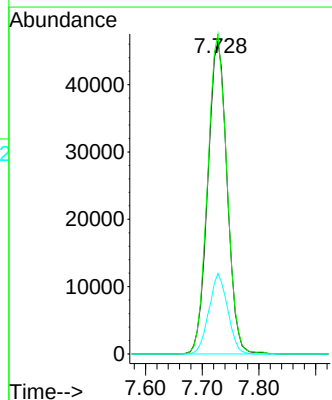
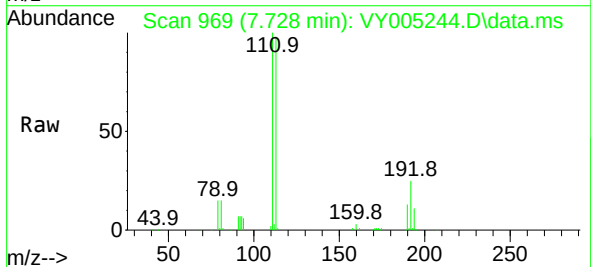
Instrument :
MSVOA_Y
ClientSampleId :
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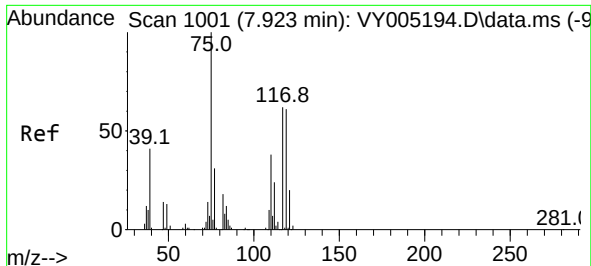
Tgt Ion:114 Resp: 354090
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 14.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.686 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Tgt Ion:113 Resp: 110022
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 24.8 20.2 30.2

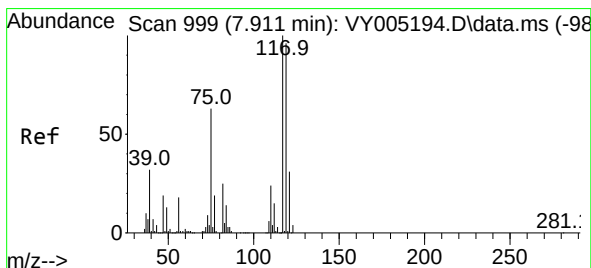
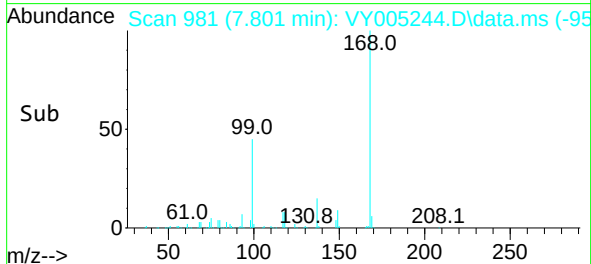
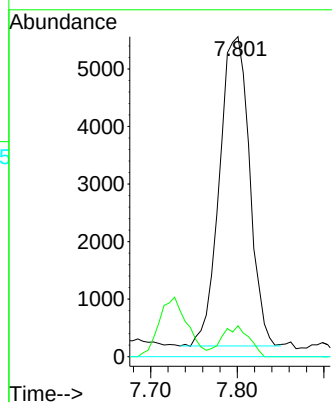
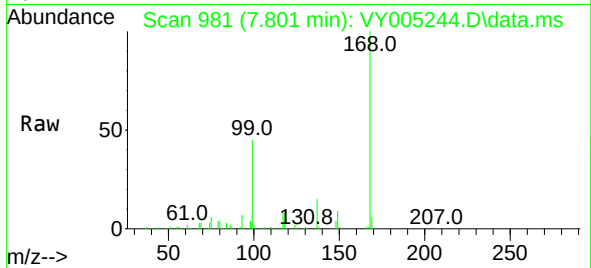




#36
1,1-Dichloropropene
Concen: 4.153 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

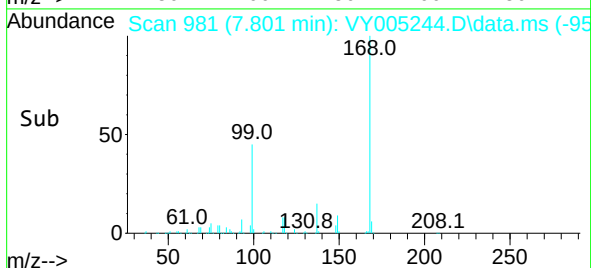
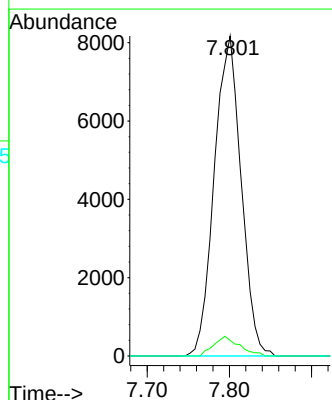
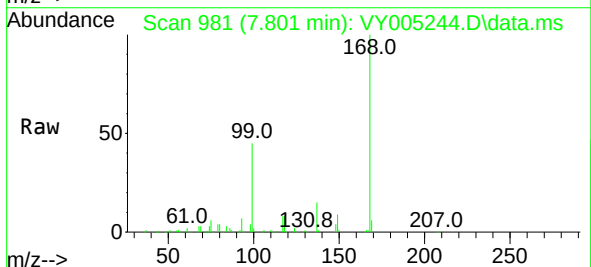
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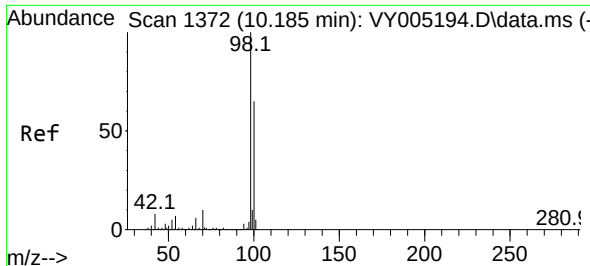
Tgt Ion: 75 Resp: 12948
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.670 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Tgt Ion: 117 Resp: 18508
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.4#
121 0.0 24.7 37.1#

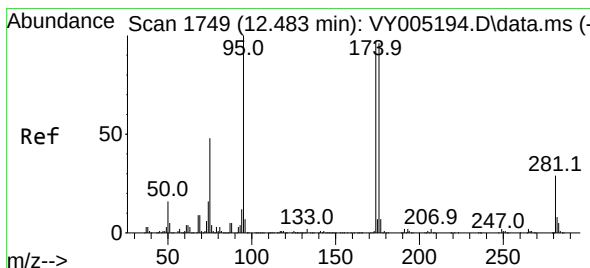
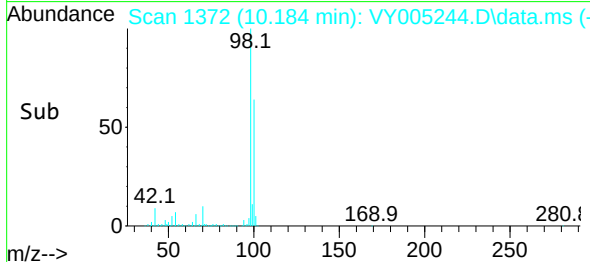
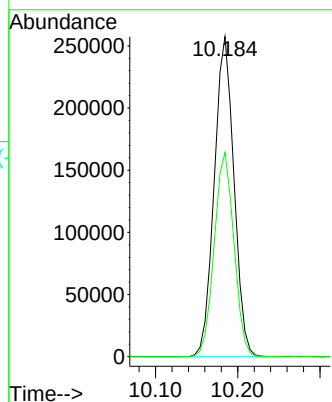
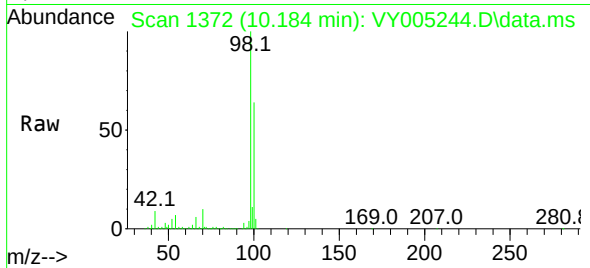




#50
Toluene-d8
Concen: 51.251 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

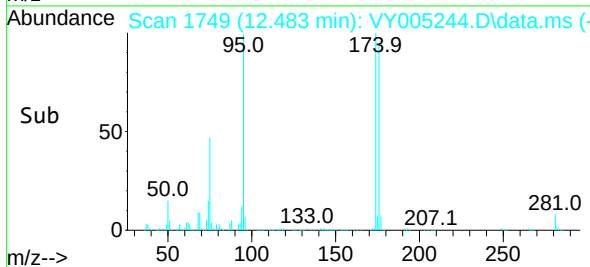
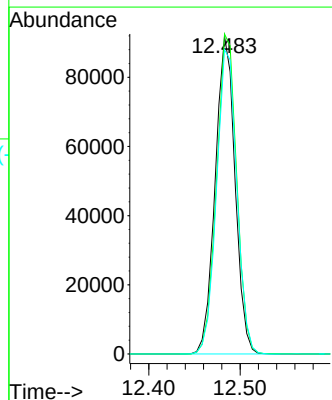
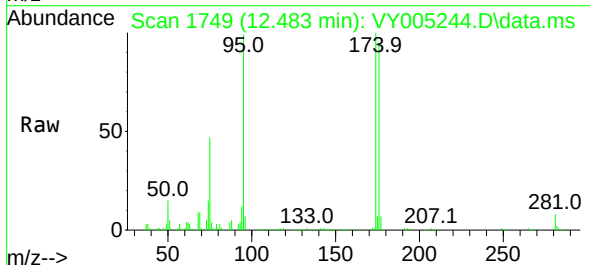
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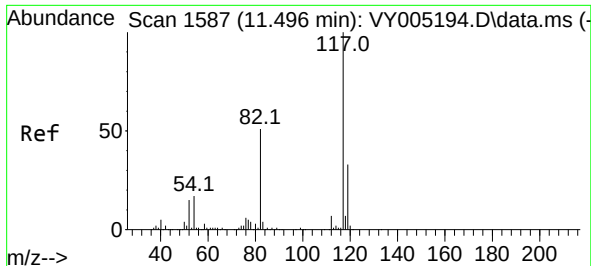
Tgt Ion: 98 Resp: 428001
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.739 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Tgt Ion: 95 Resp: 138415
Ion Ratio Lower Upper
95 100
174 102.3 0.0 201.6
176 97.9 0.0 197.4

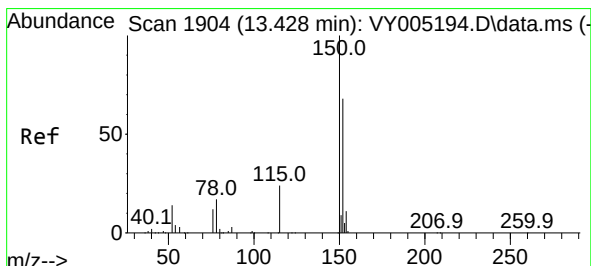
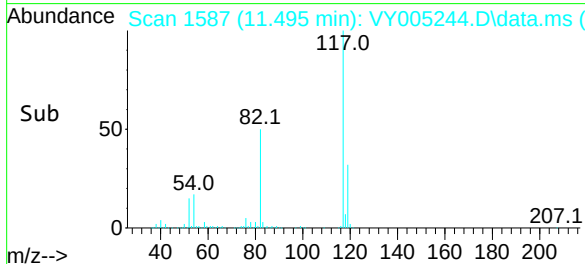
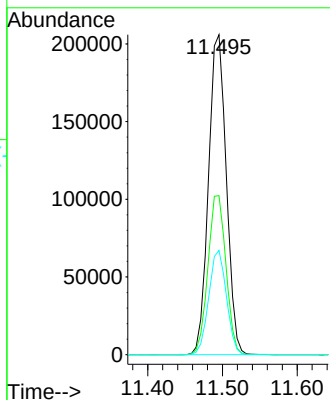
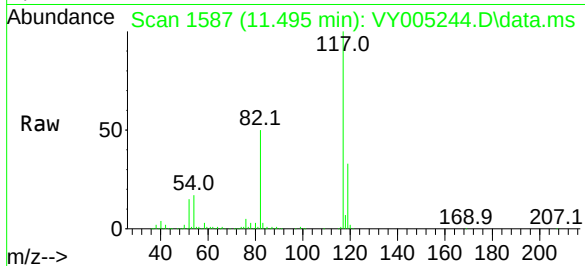




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

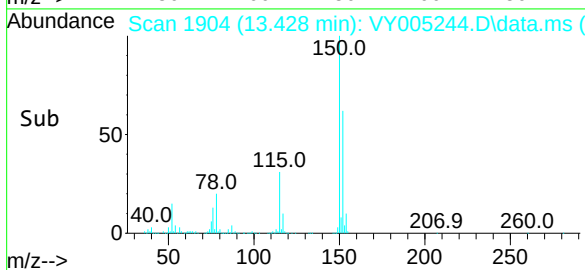
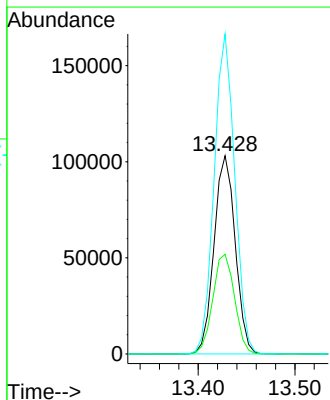
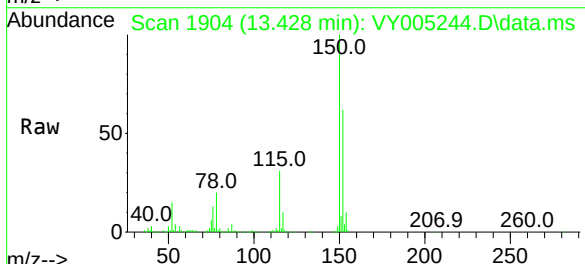
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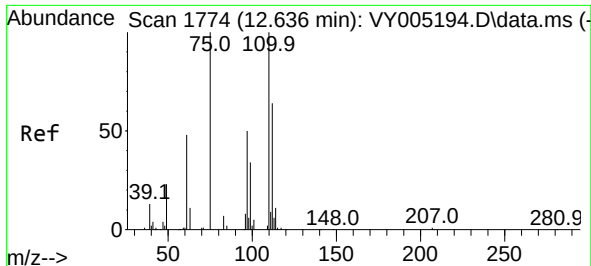
Tgt Ion:117 Resp: 340800
Ion Ratio Lower Upper
117 100
82 49.7 40.6 60.8
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Tgt Ion:152 Resp: 157014
Ion Ratio Lower Upper
152 100
115 51.6 26.3 78.8
150 157.1 0.0 344.2

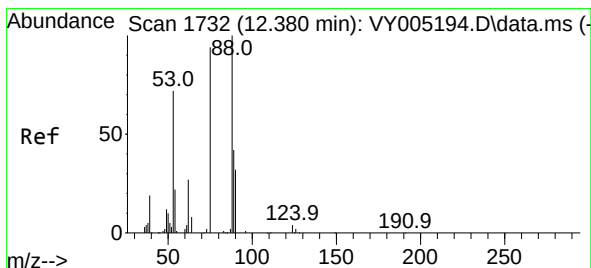
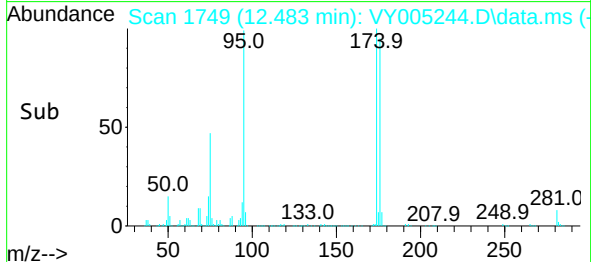
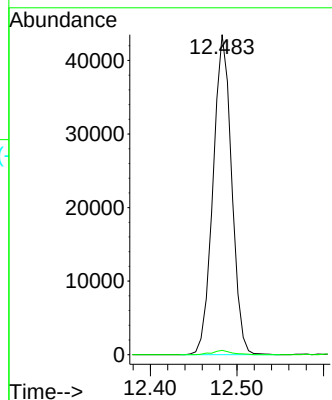
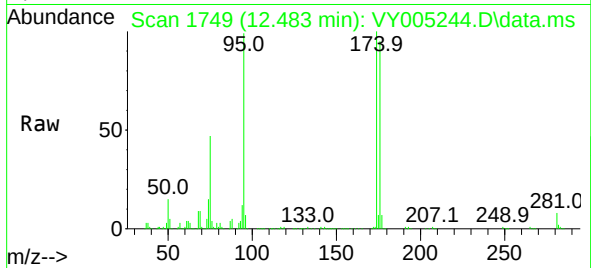




#76
1,2,3-Trichloropropane
Concen: 46.609 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Instrument :
MSVOA_Y
ClientSampled :
124030

Tgt Ion: 75 Resp: 64905
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.962 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005244.D
Acq: 28 Jun 2021 13:17

Tgt Ion: 75 Resp: 64905
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 38.0 57.0#

