

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005474.D
 Acq On : 27 Jul 2021 18:57
 Operator : SY/MD
 Sample : M3165-01
 Misc : 5.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:36:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

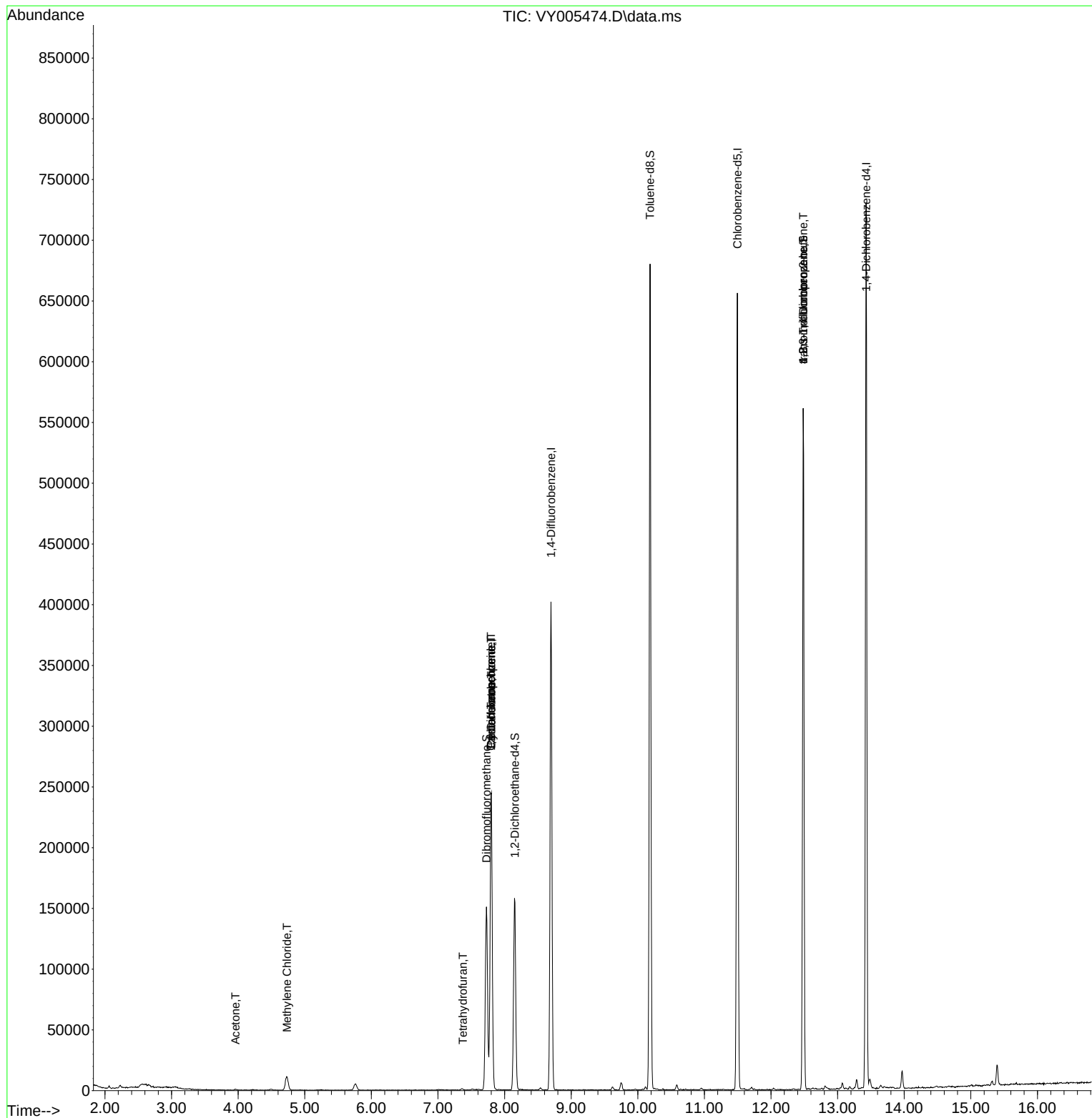
Internal Standards						
1) Pentafluorobenzene	7.801	168	200780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	334295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	345080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	130839	60.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.000%
35) Dibromofluoromethane	7.728	113	101588	52.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.260%
50) Toluene-d8	10.185	98	427350	52.236	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.483	95	155324	57.525	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.040%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	1279	2.611	ug/l #	86
20) Methylene Chloride	4.734	84	8011	1.771	ug/l #	93
29) Tetrahydrofuran	7.374	42	798	1.643	ug/l #	85
31) Cyclohexane	7.801	56	3958	1.081	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	14378	4.448	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18593	5.264	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	85296	47.088	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85296	91.432	ug/l #	11

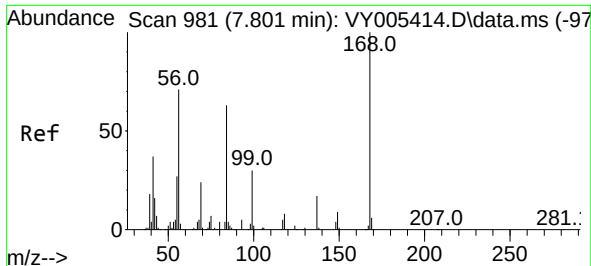
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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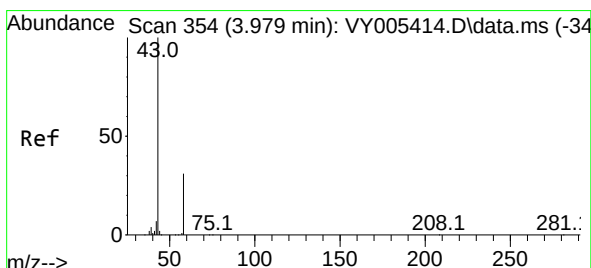
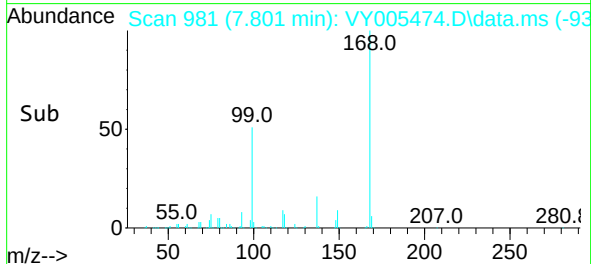
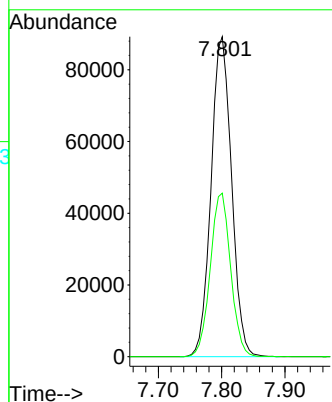
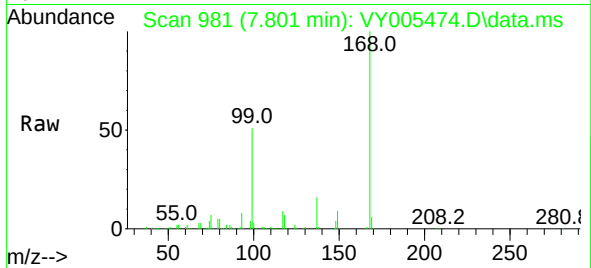




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

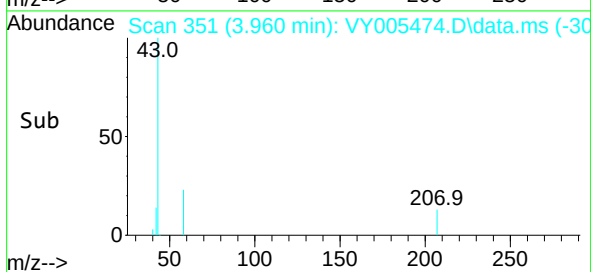
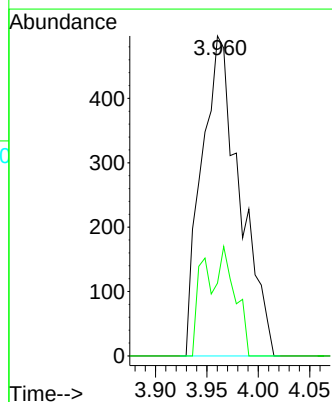
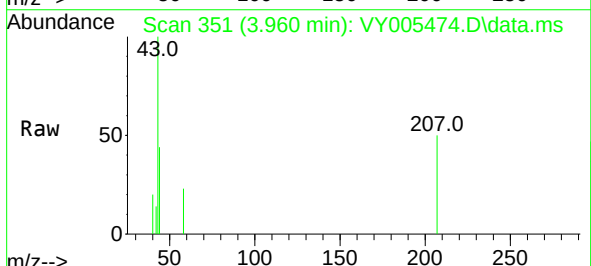
Instrument :
MSVOA_Y
ClientSampleId :

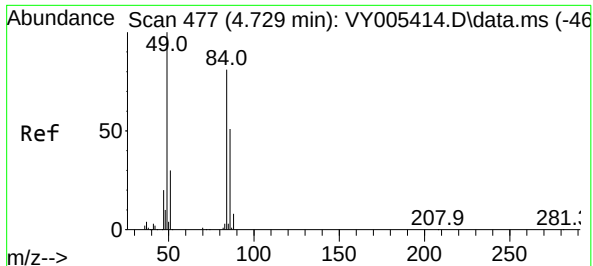
Tgt Ion:168 Resp: 200780
Ion Ratio Lower Upper
168 100
99 51.1 39.8 59.6



#16
Acetone
Concen: 2.611 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Tgt Ion: 43 Resp: 1279
Ion Ratio Lower Upper
43 100
58 22.7 24.5 36.7#





#20

Methylene Chloride

Concen: 1.771 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.005 min

Lab File: VY005474.D

Acq: 27 Jul 2021 18:57

Tgt Ion: 84 Resp: 8011

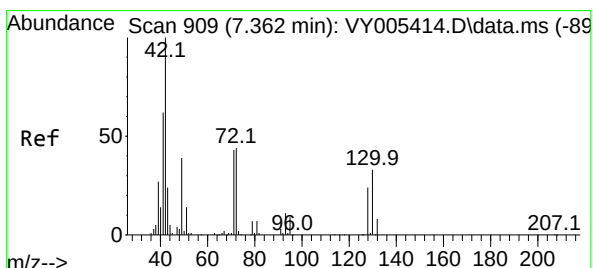
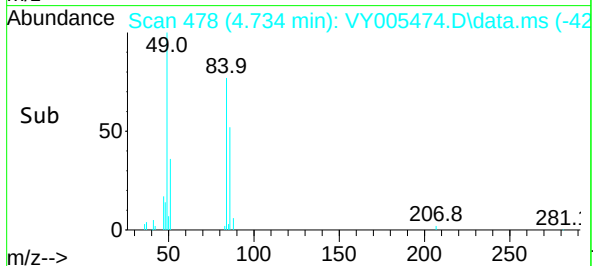
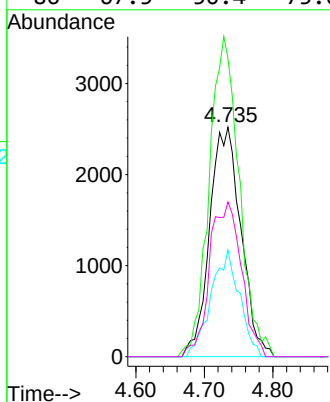
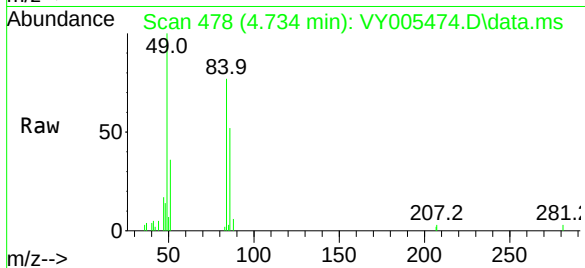
Ion Ratio Lower Upper

84 100

49 130.0 98.9 148.3

51 46.4 30.0 45.0#

86 67.5 50.4 75.6



#29

Tetrahydrofuran

Concen: 1.643 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY005474.D

Acq: 27 Jul 2021 18:57

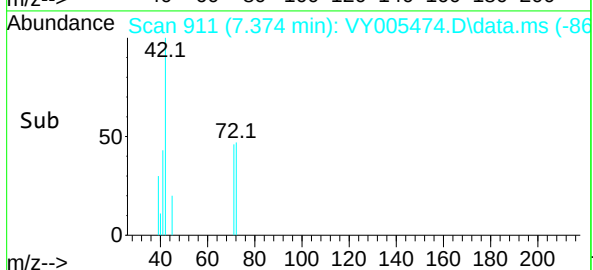
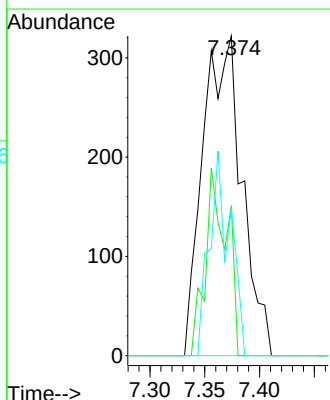
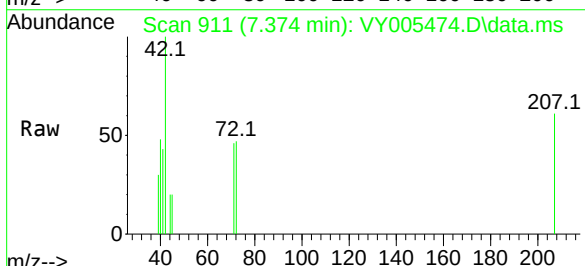
Tgt Ion: 42 Resp: 798

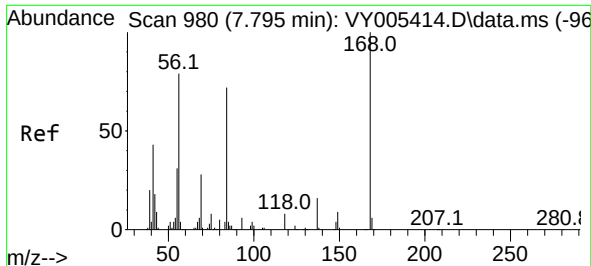
Ion Ratio Lower Upper

42 100

72 32.3 35.3 52.9#

71 33.8 33.4 50.2

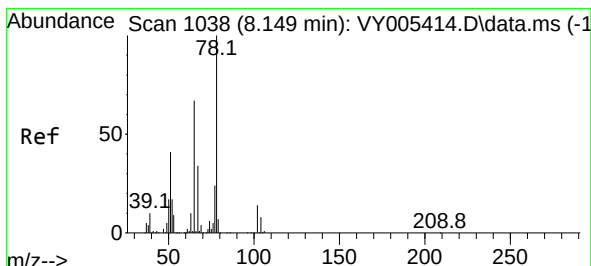
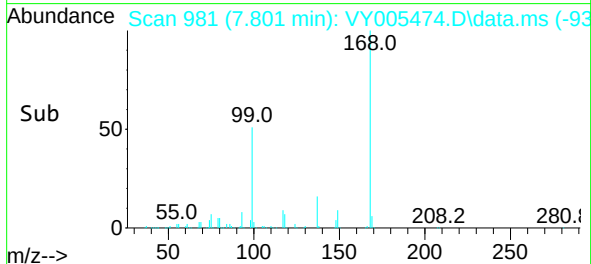
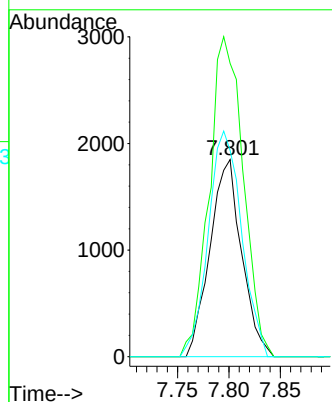
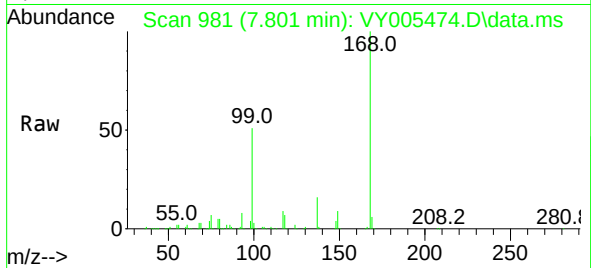




#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

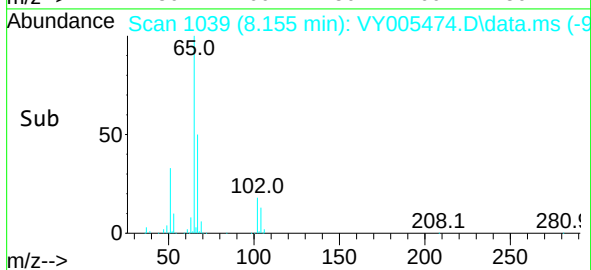
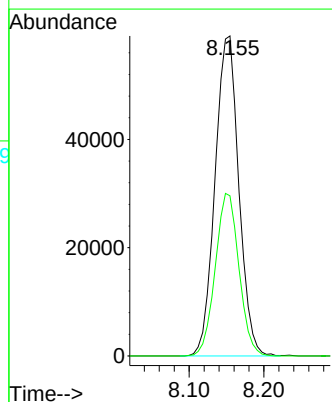
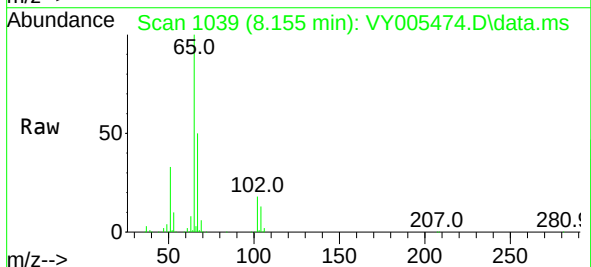
Instrument :
MSVOA_Y
ClientSampleId :

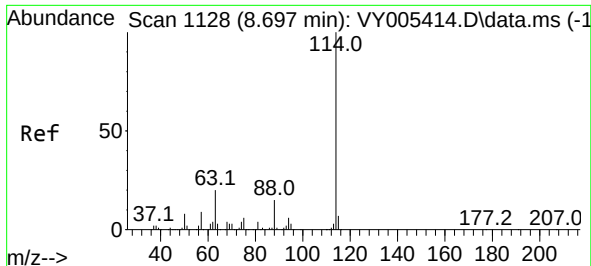
Tgt Ion: 56 Resp: 3958
Ion Ratio Lower Upper
56 100
69 148.8 28.7 43.1#
84 104.7 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 60.997 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Tgt Ion: 65 Resp: 130839
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.2

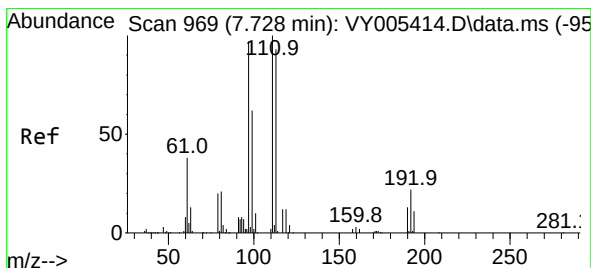
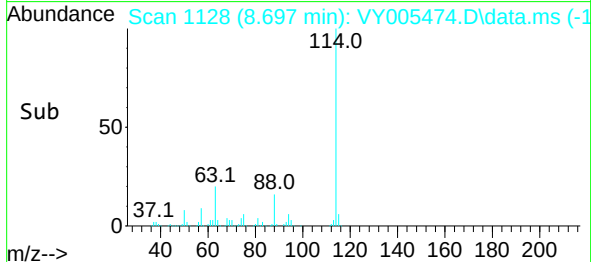
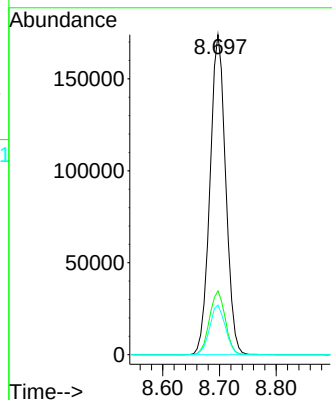
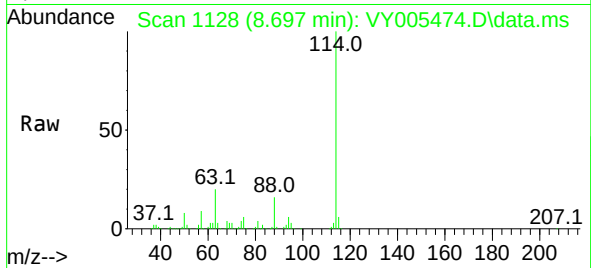




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

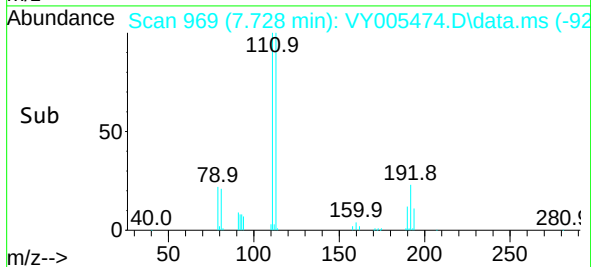
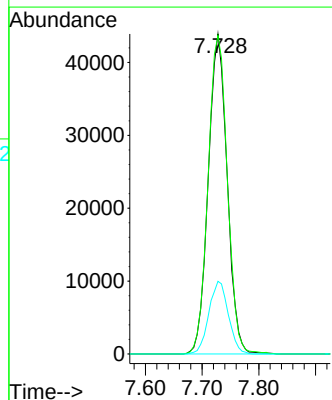
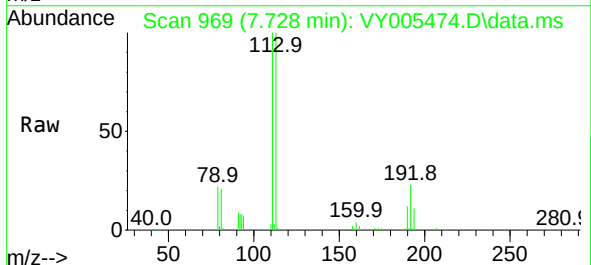
Instrument :
MSVOA_Y
ClientSampleId :

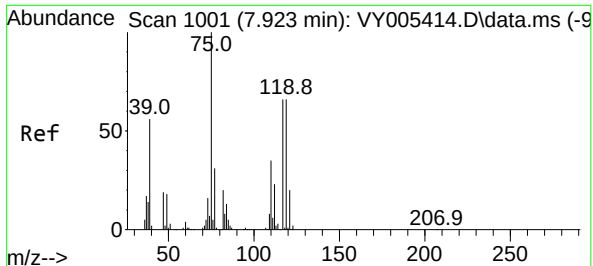
Tgt Ion:114 Resp: 334295
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.0
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.629 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Tgt Ion:113 Resp: 101588
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 23.4 18.9 28.3

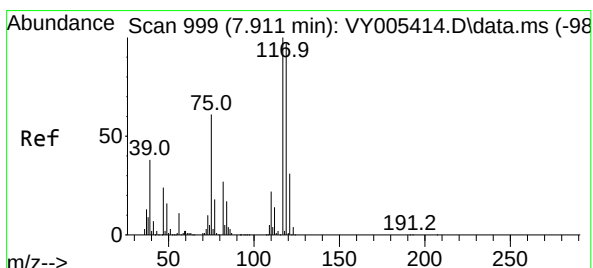
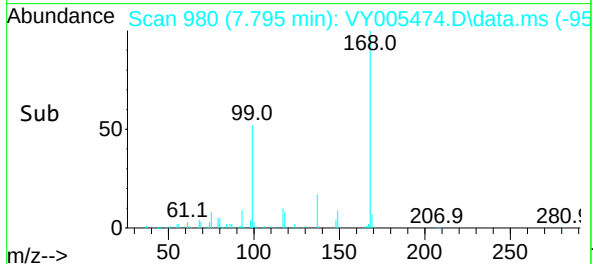
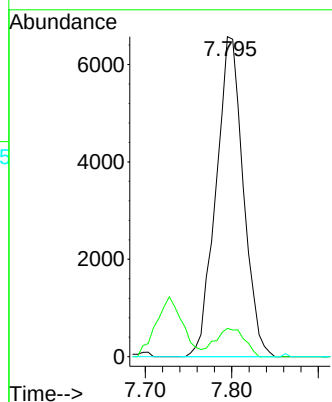
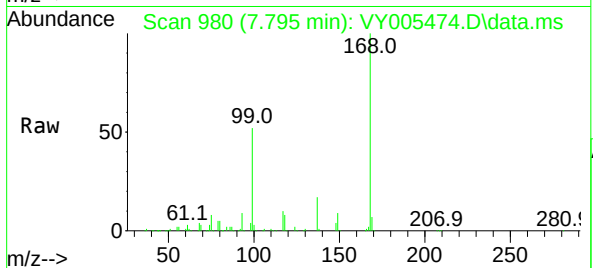




#36
 1,1-Dichloropropene
 Concen: 4.448 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005474.D
 Acq: 27 Jul 2021 18:57

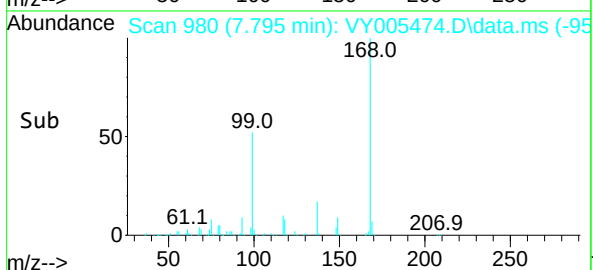
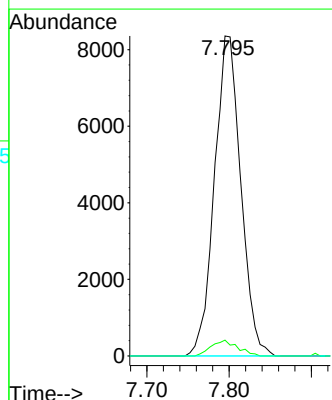
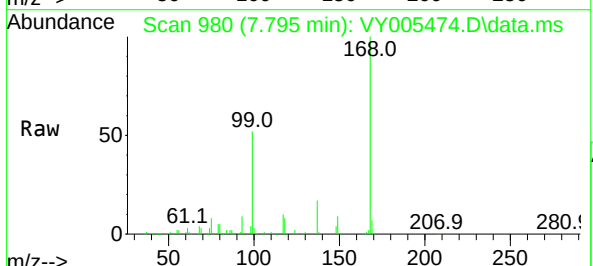
Instrument :
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 ClientSampleId :

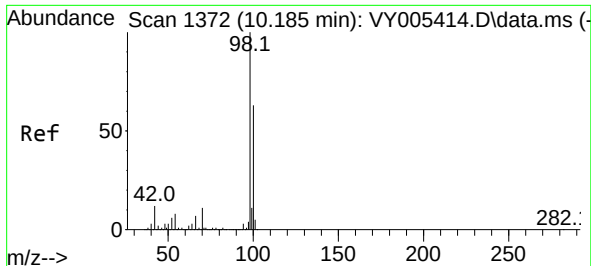
Tgt Ion: 75 Resp: 14378
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.6 52.9#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.264 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005474.D
 Acq: 27 Jul 2021 18:57

Tgt Ion: 117 Resp: 18593
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.2 115.8#
 121 0.0 25.1 37.7#

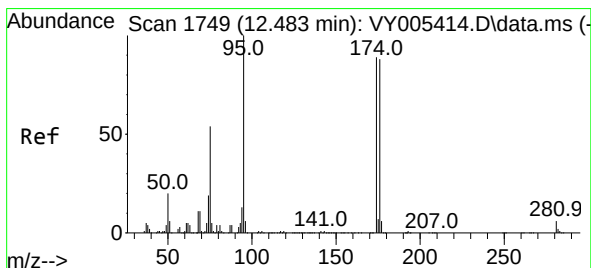
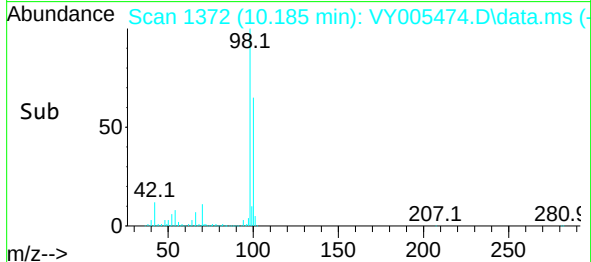
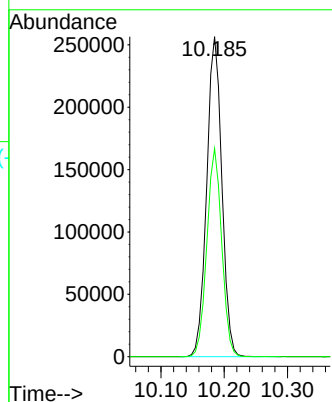
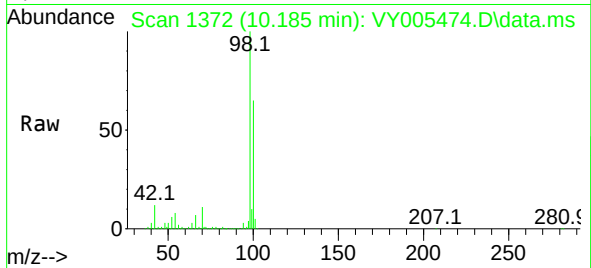




#50
Toluene-d8
Concen: 52.236 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

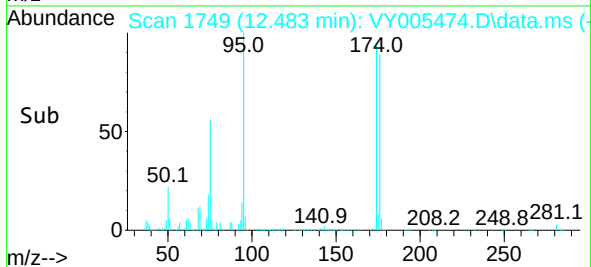
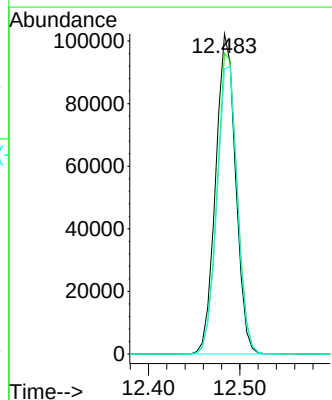
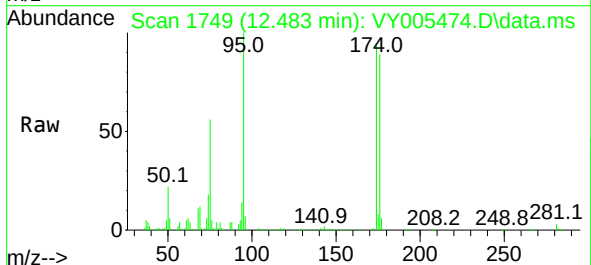
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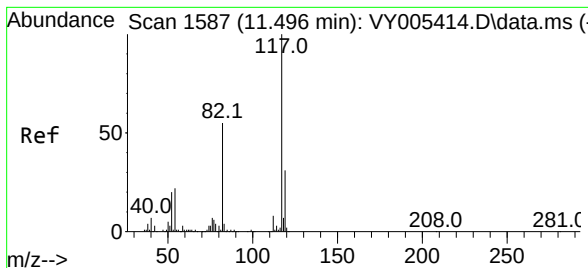
Tgt Ion: 98 Resp: 427350
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 57.525 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Tgt Ion: 95 Resp: 155324
Ion Ratio Lower Upper
95 100
174 95.2 0.0 186.6
176 91.5 0.0 182.4

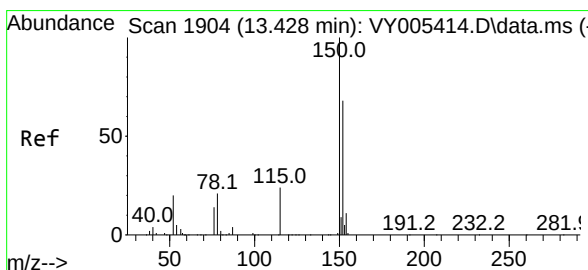
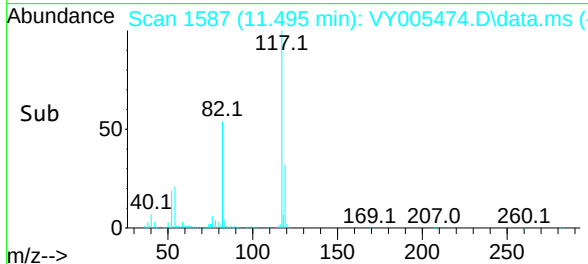
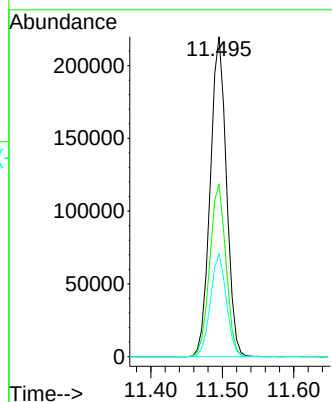
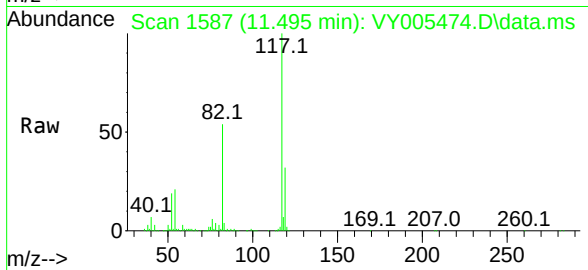




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

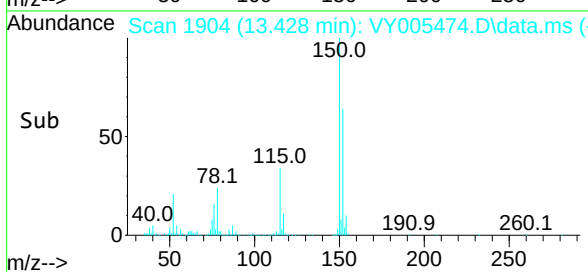
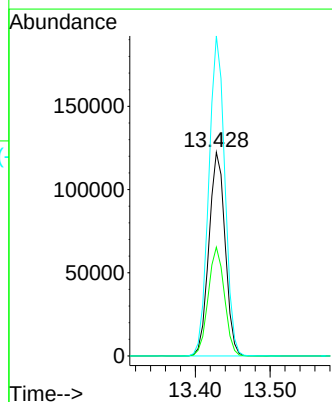
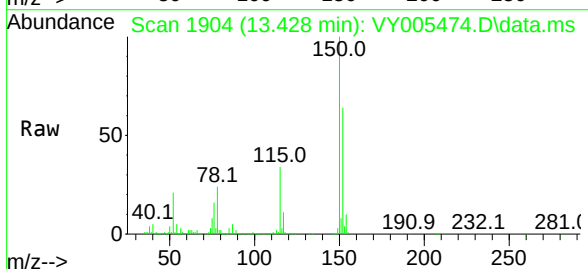
Instrument :
MSVOA_Y
ClientSampleId :

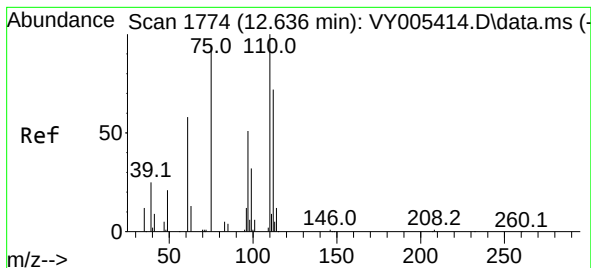
Tgt Ion:117 Resp: 345080
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.6
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Tgt Ion:152 Resp: 184090
Ion Ratio Lower Upper
152 100
115 53.5 27.7 83.1
150 155.7 0.0 349.6

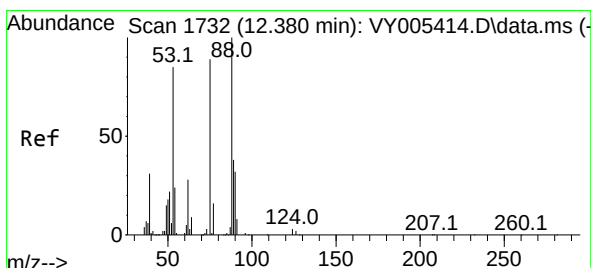
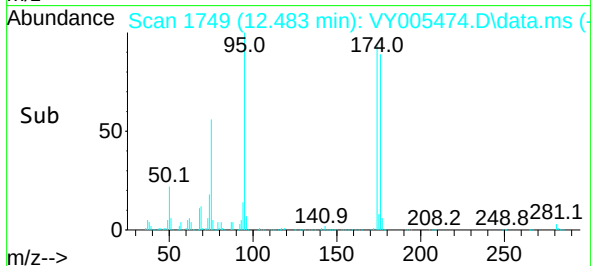
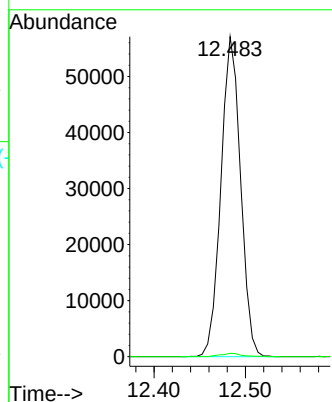
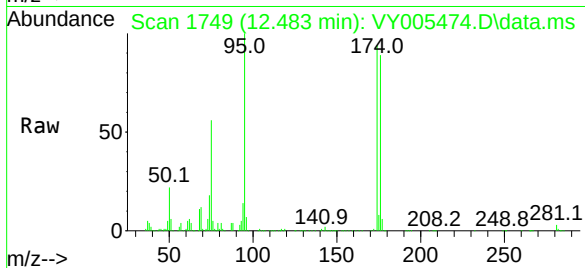




#76
1,2,3-Trichloropropane
Concen: 47.088 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 85296
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.432 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005474.D
Acq: 27 Jul 2021 18:57

Tgt Ion: 75 Resp: 85296
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 36.9 55.3#

