

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005289.D
 Acq On : 29 Jun 2021 20:33
 Operator : SY/MD
 Sample : M2895-02
 Misc : 6.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Jun 30 04:02:15 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)

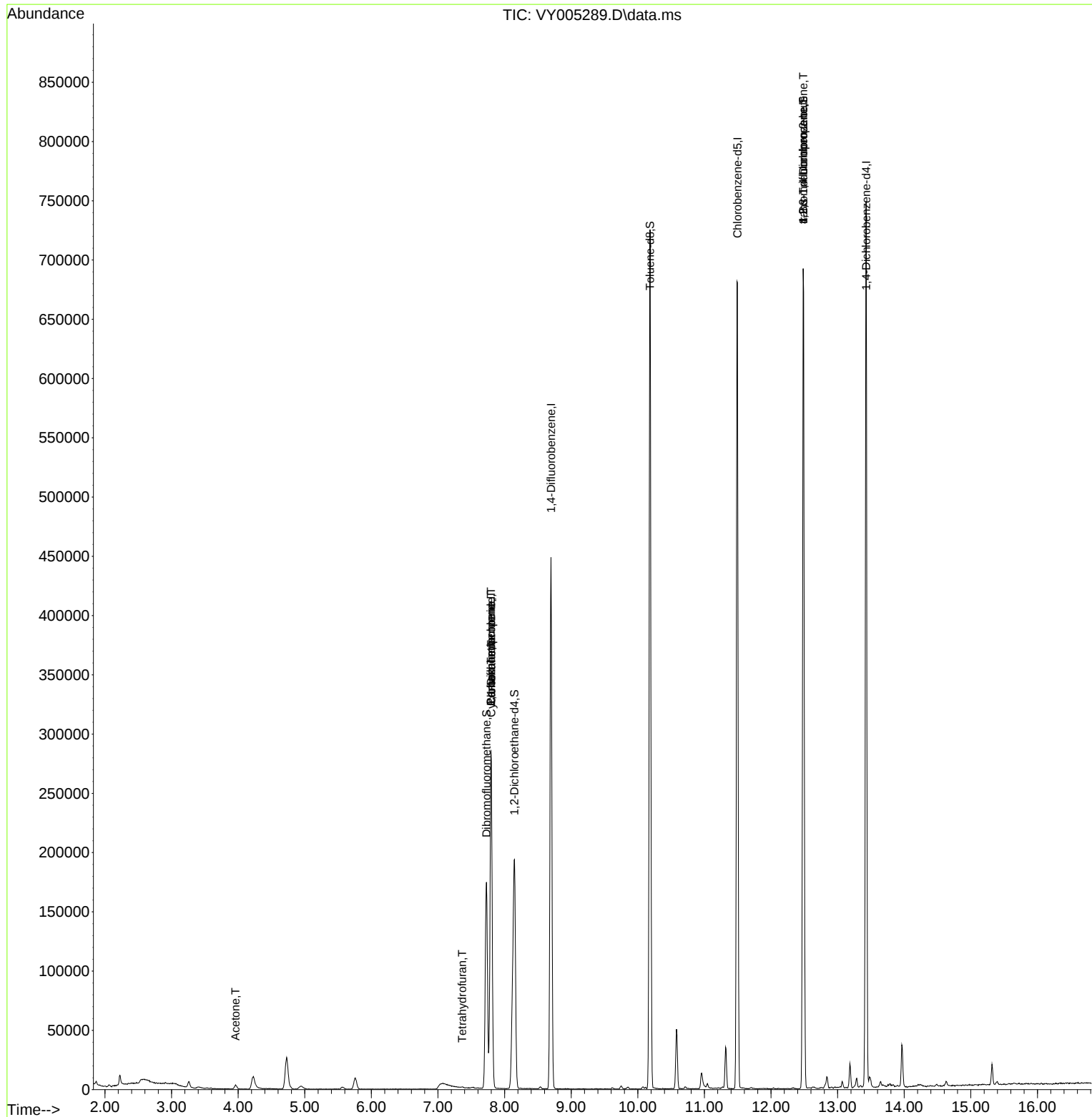
Internal Standards						
1) Pentafluorobenzene	7.795	168	245480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	396536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	399412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130872	64.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.48%
35) Dibromofluoromethane	7.728	113	124292	53.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.30%
50) Toluene-d8	10.185	98	486079	51.97	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.94%
62) 4-Bromofluorobenzene	12.483	95	173977	55.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.66%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	2046	Below Cal	#	77
16) Acetone	3.960	43	5981	12.71	ug/l	99
20) Methylene Chloride	4.729	84	21130	Below Cal		98
29) Tetrahydrofuran	7.362	42	487	1.08	ug/l #	53
31) Cyclohexane	7.801	56	3773	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15655	4.48	ug/l #	47
38) Carbon Tetrachloride	7.795	117	20602	5.64	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	84012	47.33	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84012	88.31	ug/l #	18

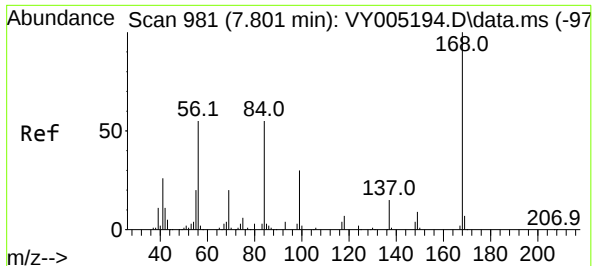
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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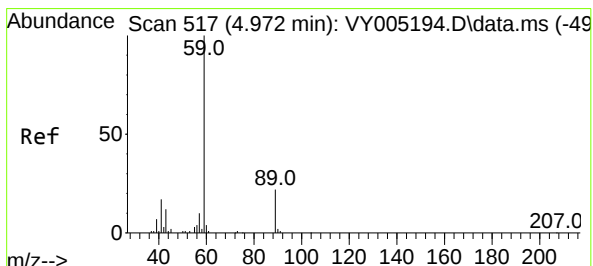
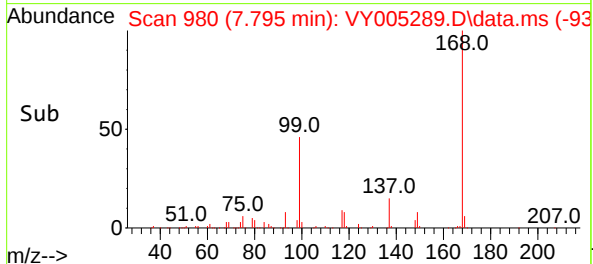
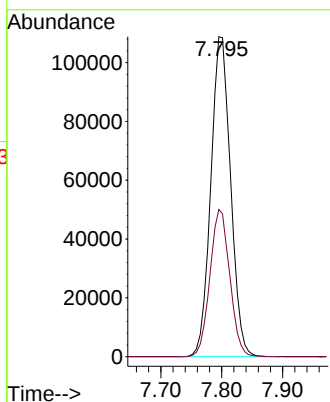
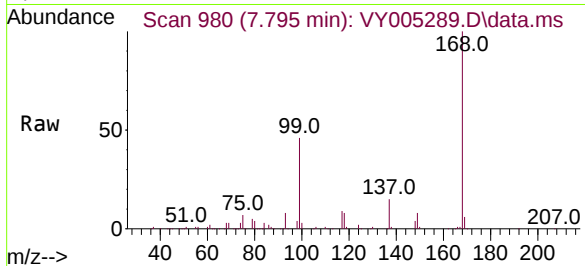




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

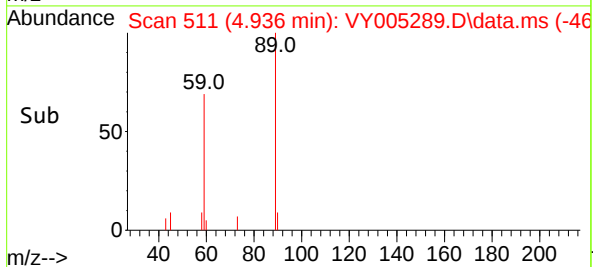
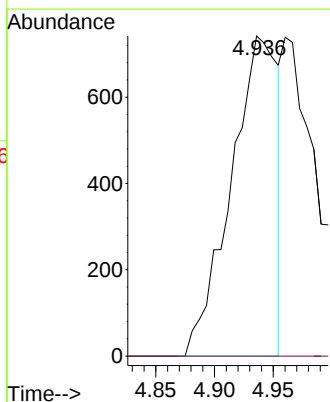
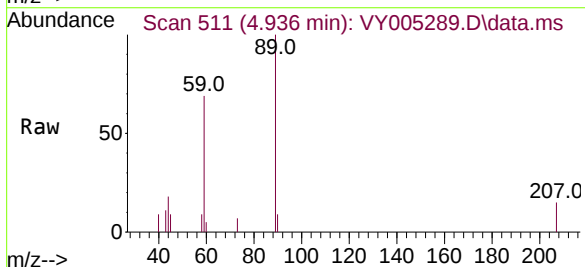
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

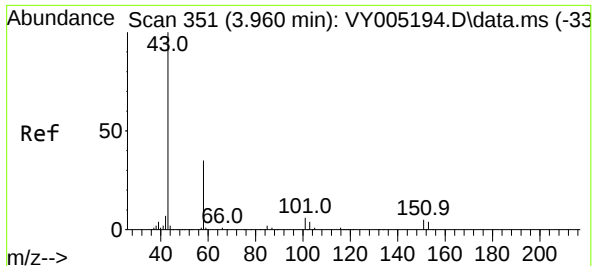
Tgt Ion:168 Resp: 245480
Ion Ratio Lower Upper
168 100
99 46.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

Tgt Ion: 59 Resp: 2046
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

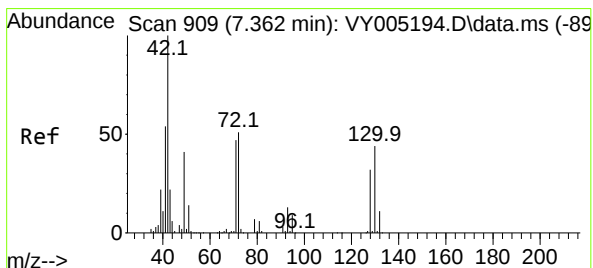
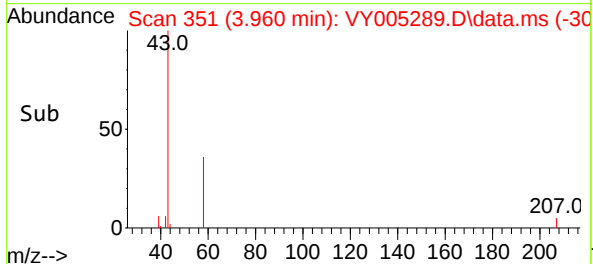
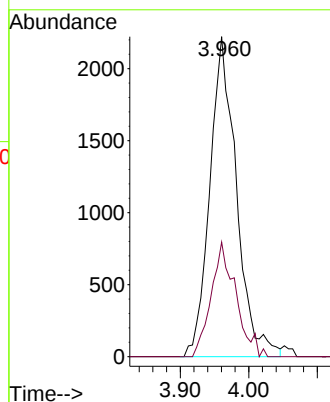
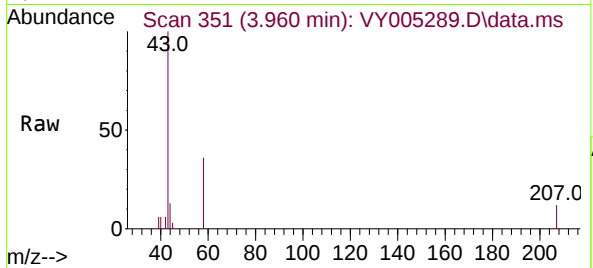




#16
Acetone
Concen: 12.71 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

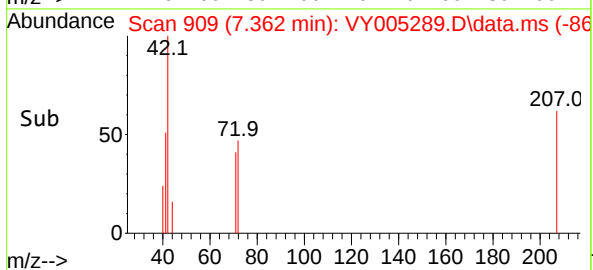
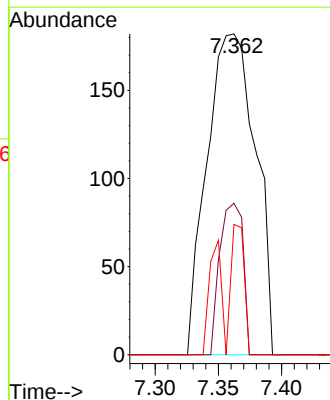
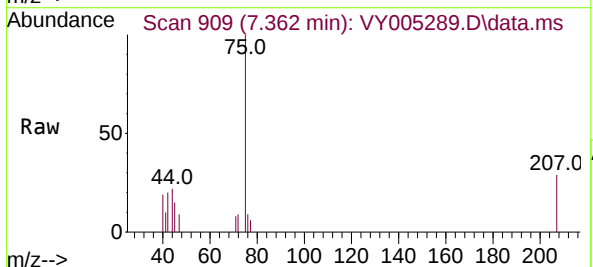
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

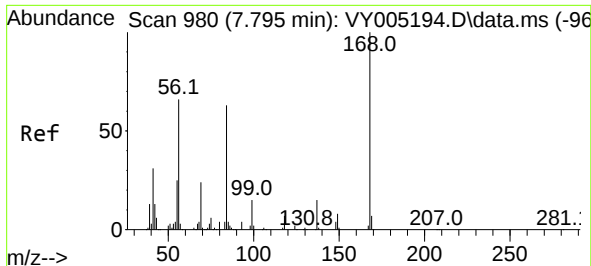
Tgt Ion: 43 Resp: 5981
Ion Ratio Lower Upper
43 100
58 35.8 28.2 42.2



#29
Tetrahydrofuran
Concen: 1.08 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

Tgt Ion: 42 Resp: 487
Ion Ratio Lower Upper
42 100
72 22.6 40.9 61.3#
71 10.9 37.9 56.9#

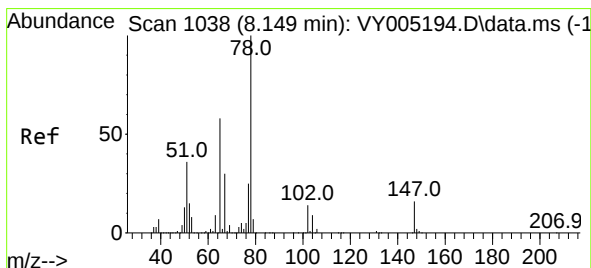
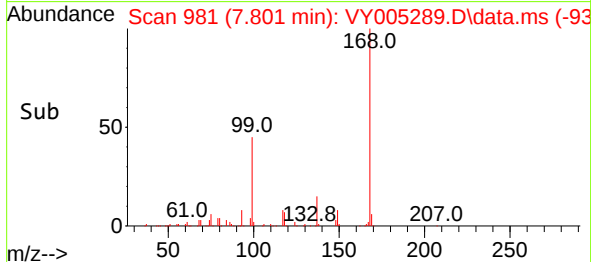
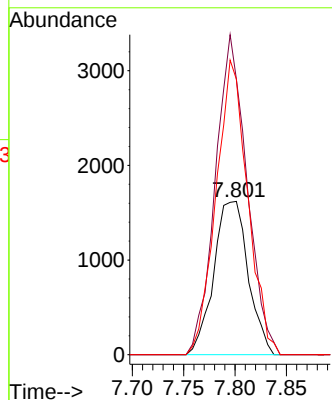
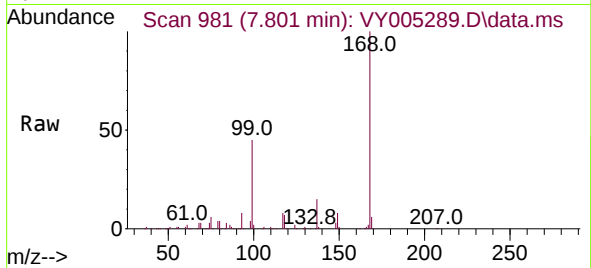




#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

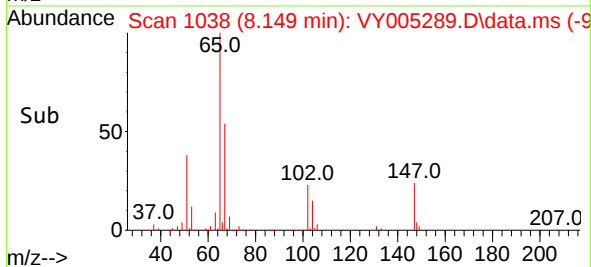
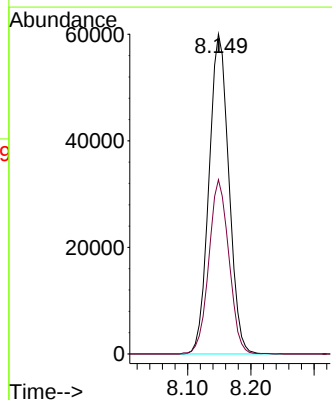
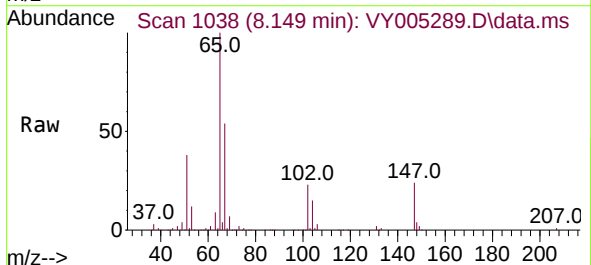
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

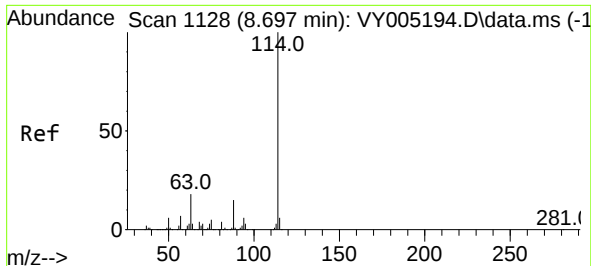
Tgt Ion: 56 Resp: 3773
Ion Ratio Lower Upper
56 100
69 179.9 29.6 44.4#
84 179.8 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 64.24 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

Tgt Ion: 65 Resp: 130872
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.6

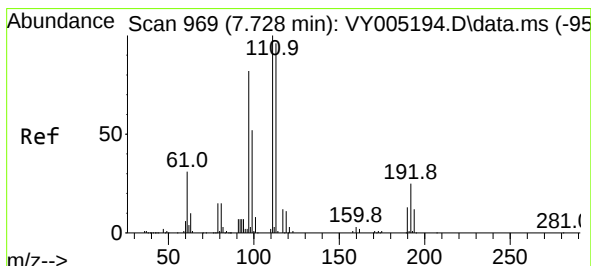
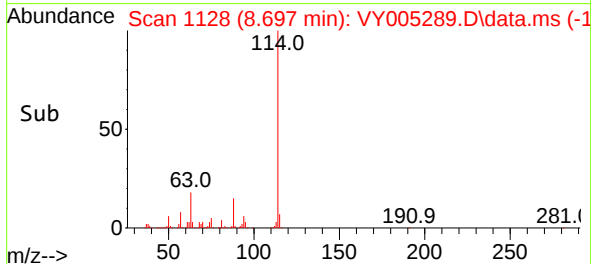
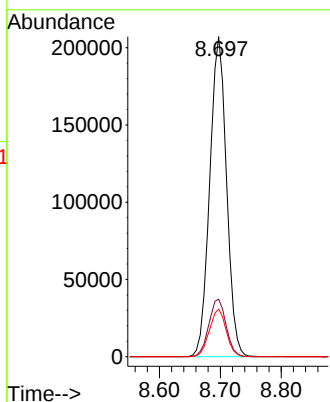
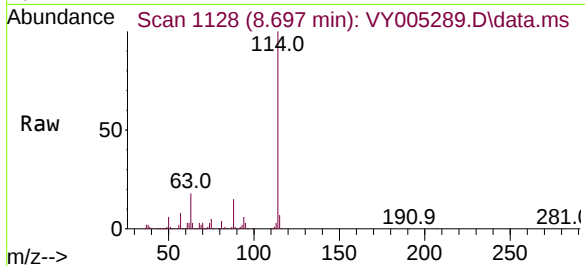




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

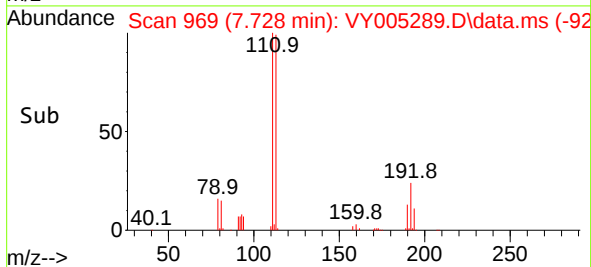
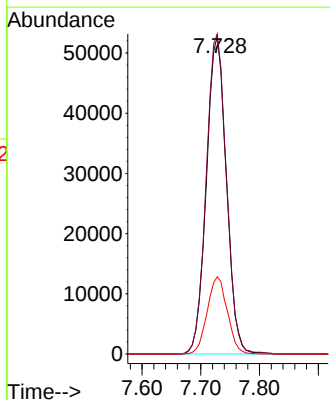
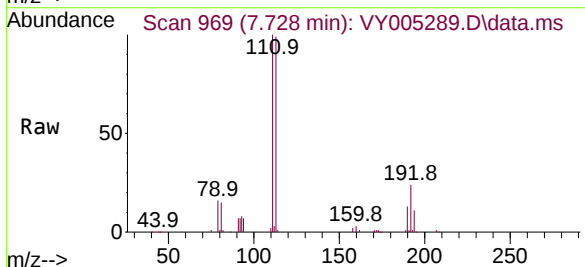
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

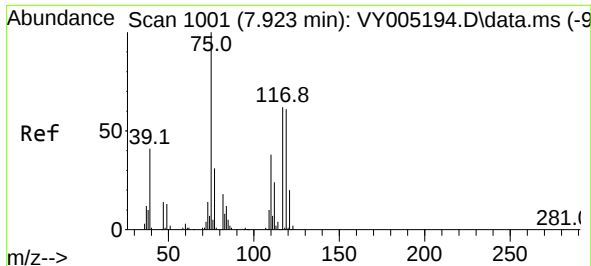
Tgt Ion:114 Resp: 396536
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.15 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

Tgt Ion:113 Resp: 124292
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 24.4 20.2 30.2

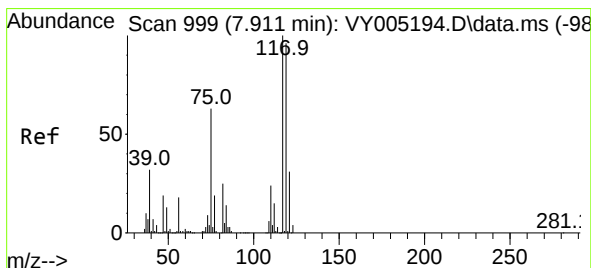
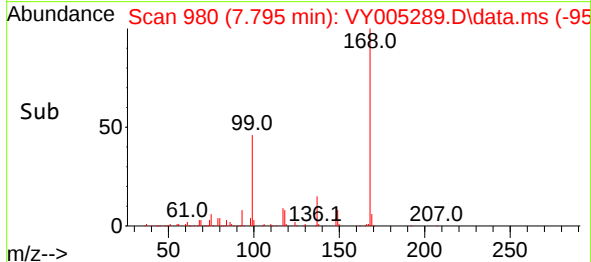
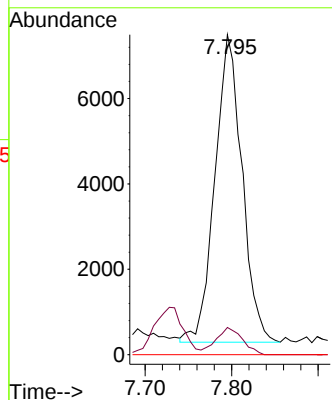
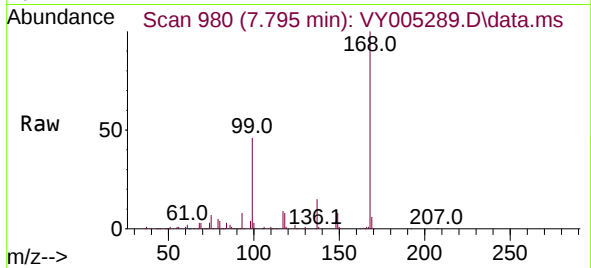




#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

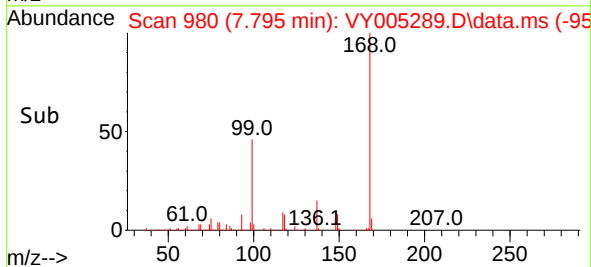
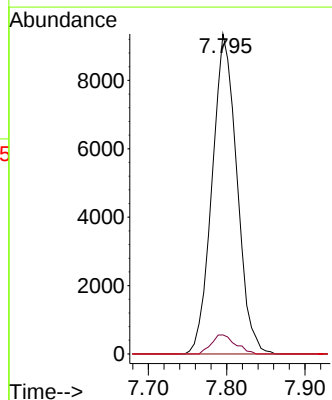
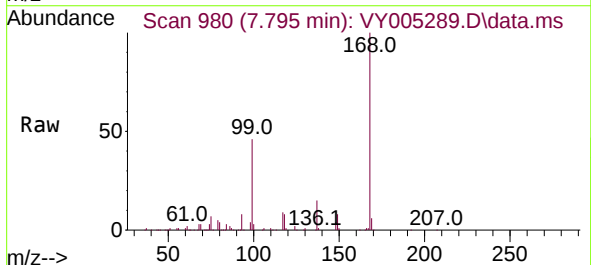
Instrument :
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ClientSampleId :
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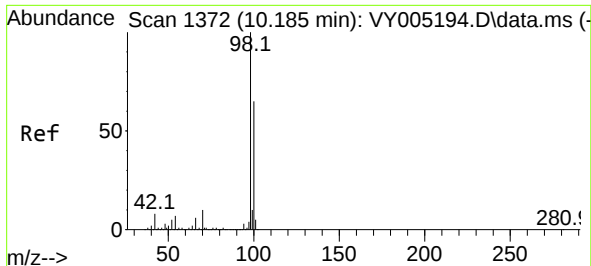
Tgt Ion: 75 Resp: 15655
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

Tgt Ion: 117 Resp: 20602
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.4#
121 0.0 24.7 37.1#

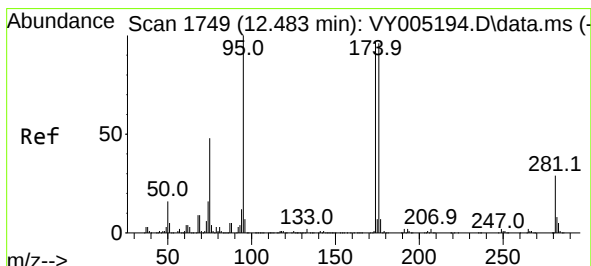
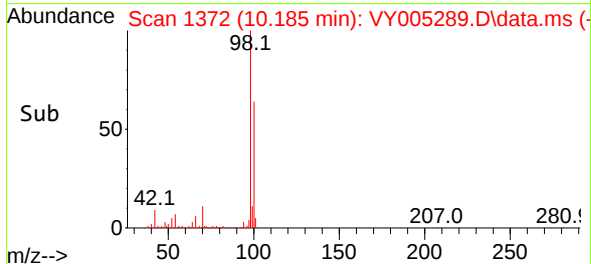
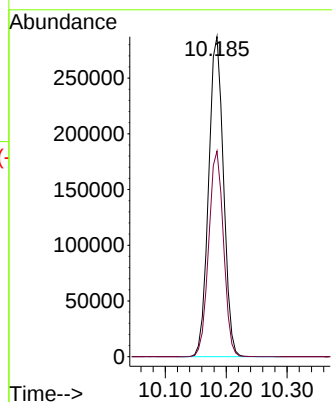
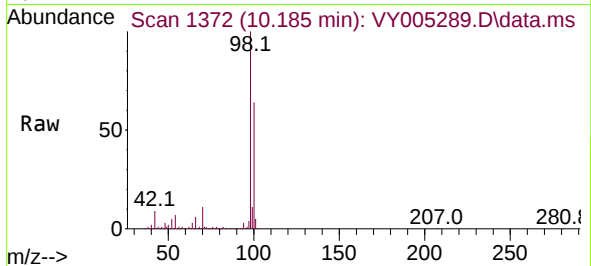




#50
Toluene-d8
Concen: 51.97 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

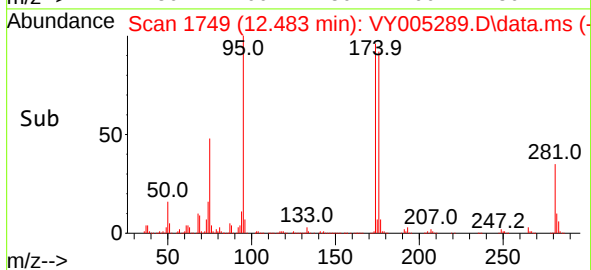
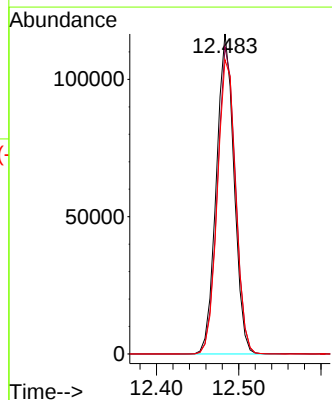
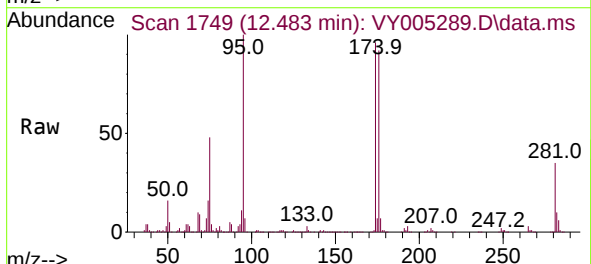
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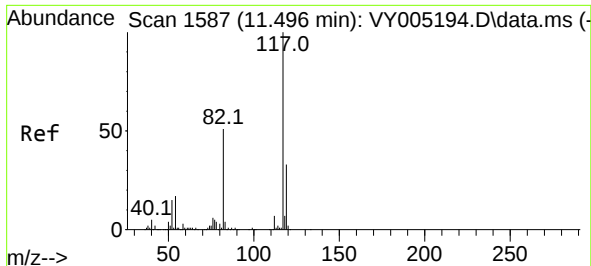
Tgt Ion: 98 Resp: 486079
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 55.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

Tgt Ion: 95 Resp: 173977
Ion Ratio Lower Upper
95 100
174 97.8 0.0 201.6
176 95.0 0.0 197.4

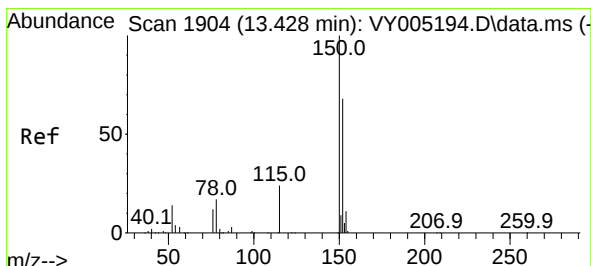
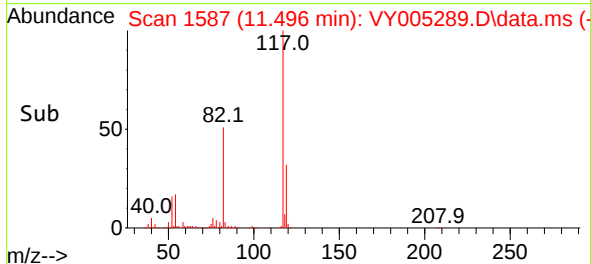
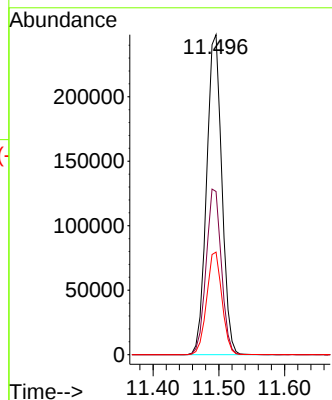
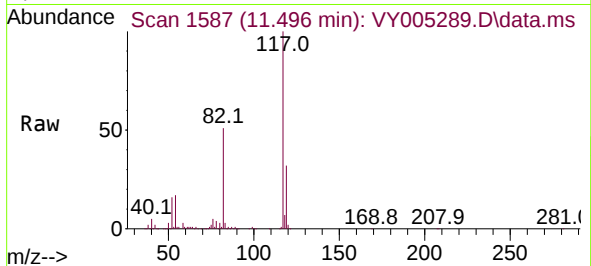




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

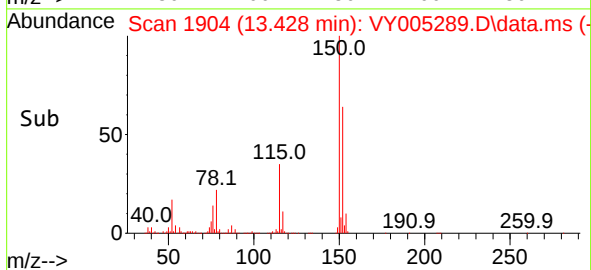
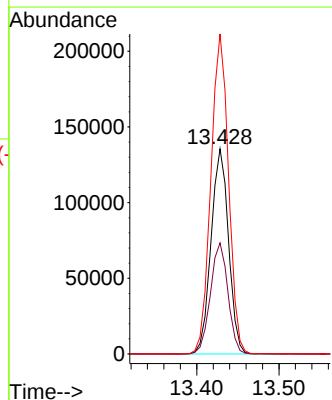
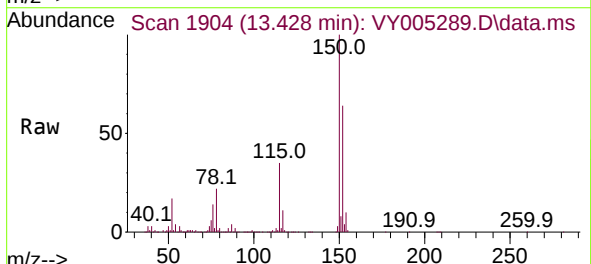
Instrument :
MSVOA_Y
ClientSampled :
COMP-2

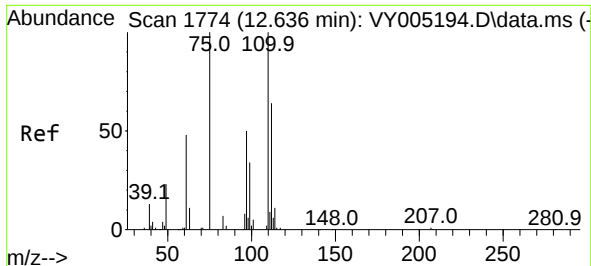
Tgt Ion:117 Resp: 399412
Ion Ratio Lower Upper
117 100
82 51.0 40.6 60.8
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

Tgt Ion:152 Resp: 200135
Ion Ratio Lower Upper
152 100
115 54.3 26.3 78.8
150 157.7 0.0 344.2

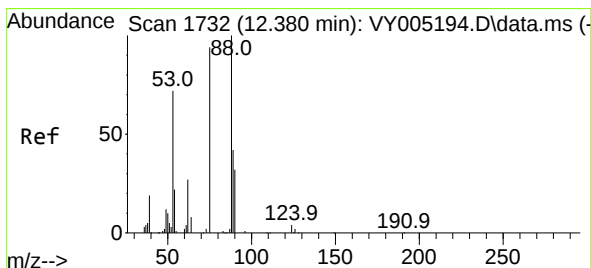
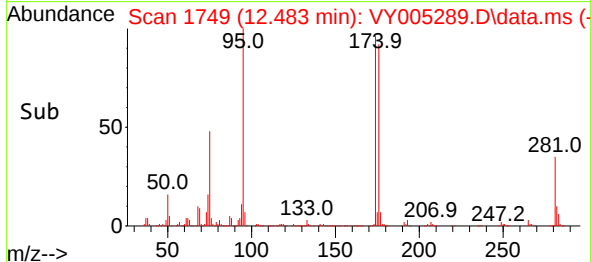
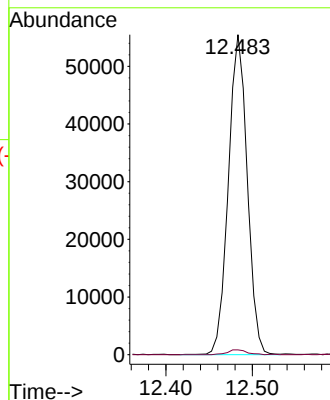
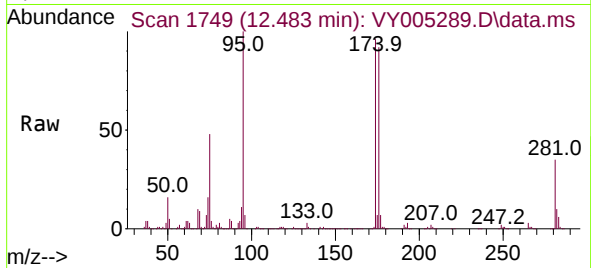




#76
1,2,3-Trichloropropane
Concen: 47.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

Instrument :
MSVOA_Y
ClientSampled :
COMP-2

Tgt Ion: 75 Resp: 84012
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005289.D
Acq: 29 Jun 2021 20:33

Tgt Ion: 75 Resp: 84012
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.5 38.0 57.0#

