

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005285.D
 Acq On : 29 Jun 2021 19:00
 Operator : SY/MD
 Sample : M2885-03
 Misc : 6.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 41547

Quant Time: Jun 30 04:01:42 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)

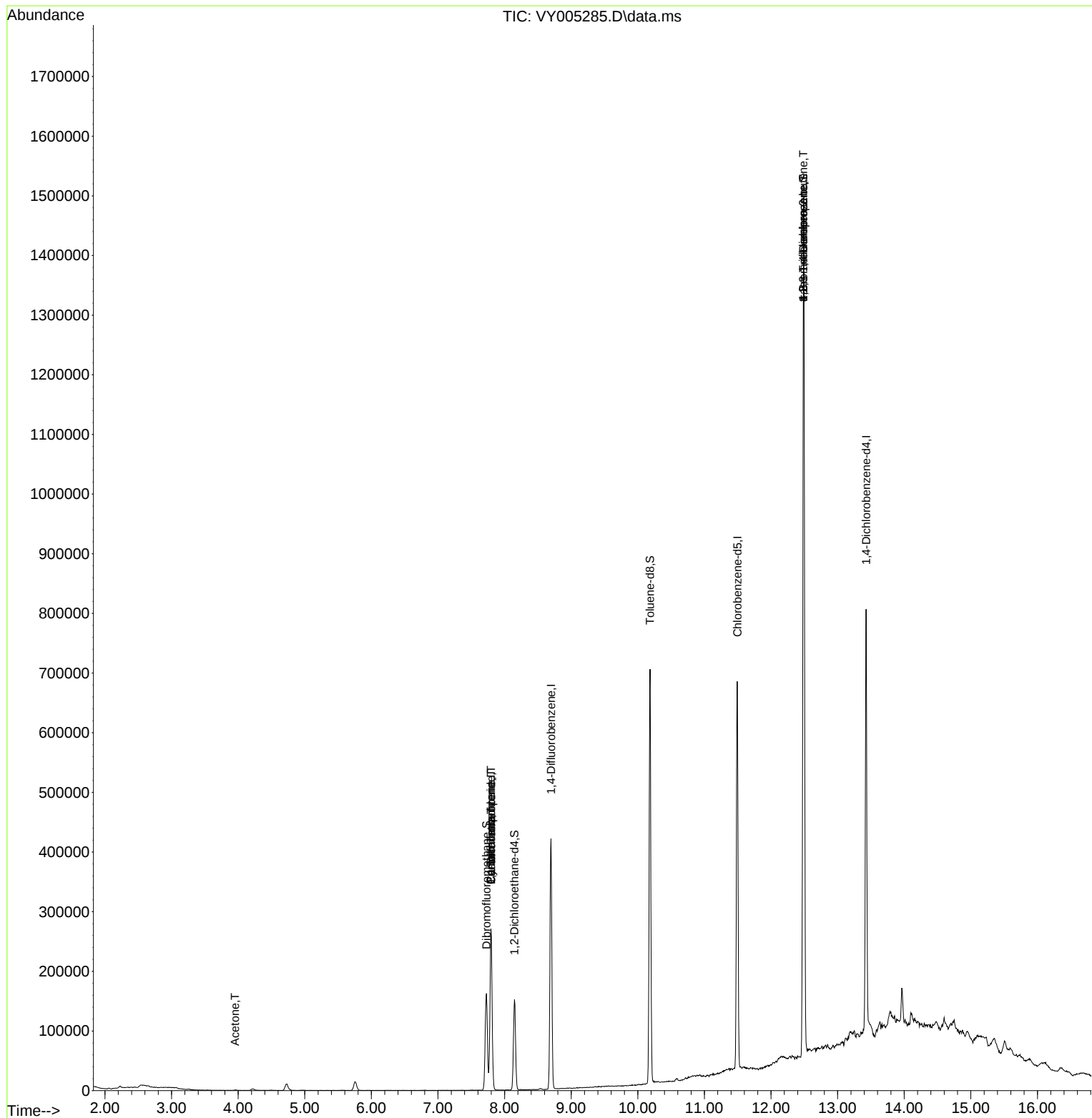
Internal Standards						
1) Pentafluorobenzene	7.795	168	231186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	376592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	387189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118623	61.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.66%
35) Dibromofluoromethane	7.728	113	115780	52.13	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.26%
50) Toluene-d8	10.185	98	472075	53.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.30%
62) 4-Bromofluorobenzene	12.483	95	176918	59.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.56%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.966	59	842	Below Cal	#	77
16) Acetone	3.954	43	1294	2.92	ug/l	92
20) Methylene Chloride	4.722	84	8860	Below Cal		96
31) Cyclohexane	7.795	56	3533	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14379	4.34	ug/l #	48
38) Carbon Tetrachloride	7.795	117	19698	5.67	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	87452	51.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87452	96.84	ug/l #	19

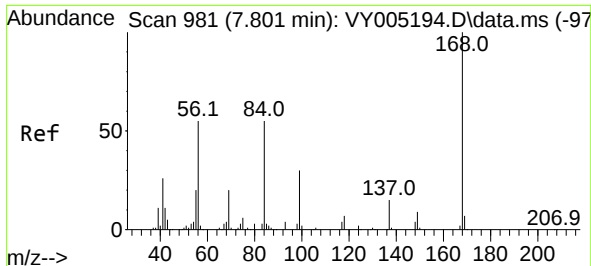
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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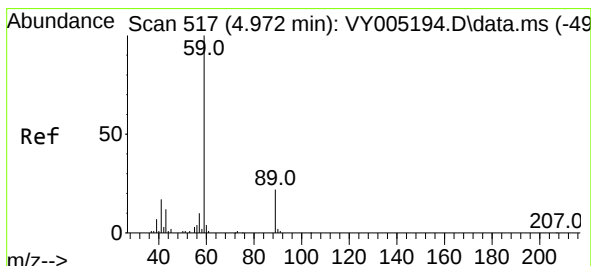
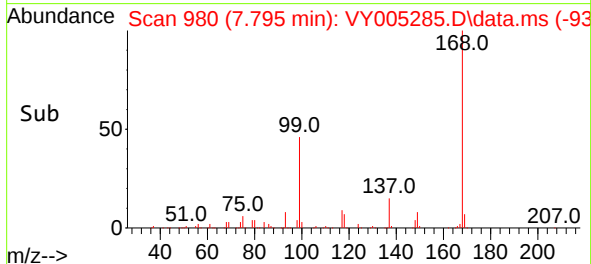
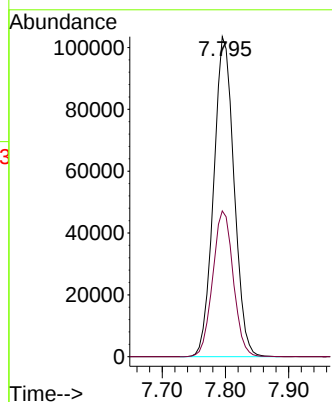
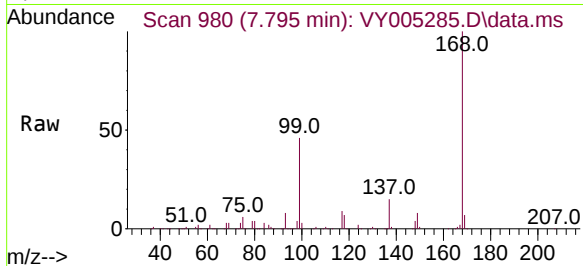




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

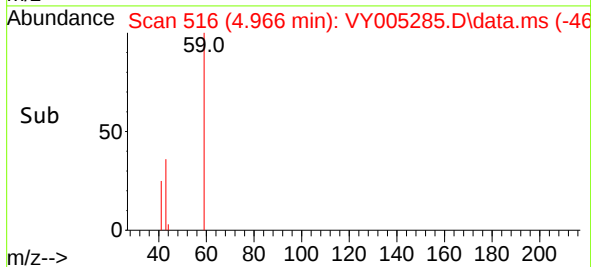
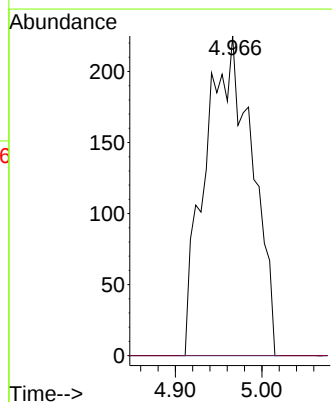
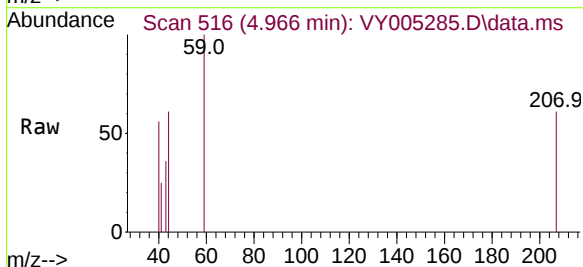
Instrument :
MSVOA_Y
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41547

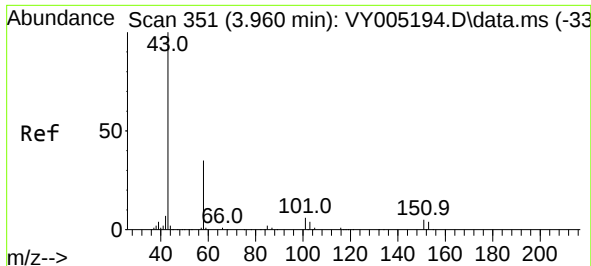
Tgt Ion:168 Resp: 231186
Ion Ratio Lower Upper
168 100
99 45.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion: 59 Resp: 842
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

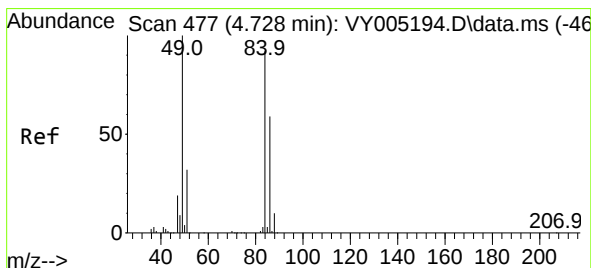
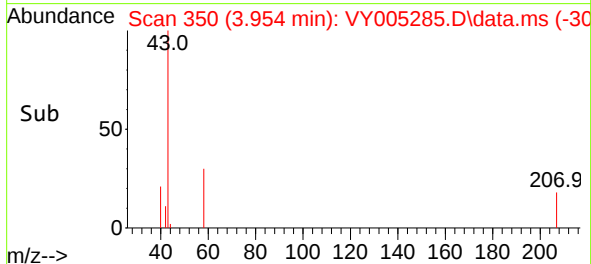
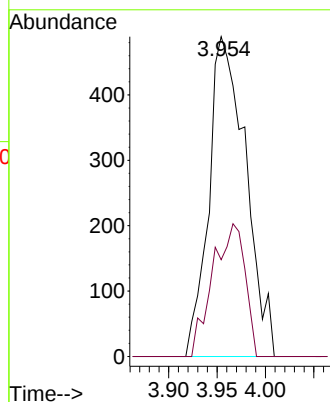
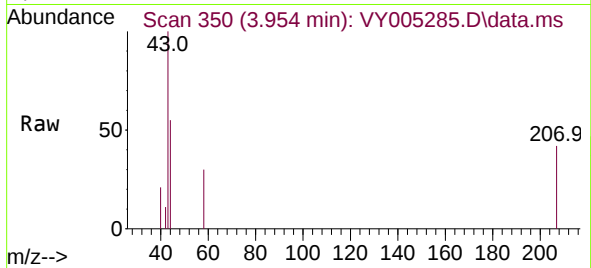




#16
Acetone
Concen: 2.92 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

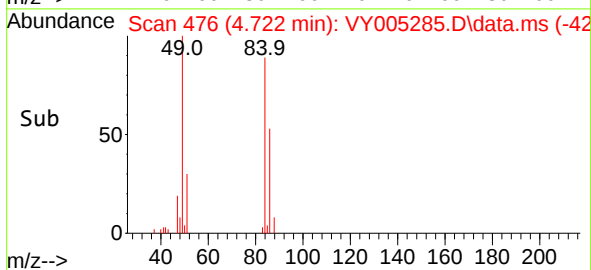
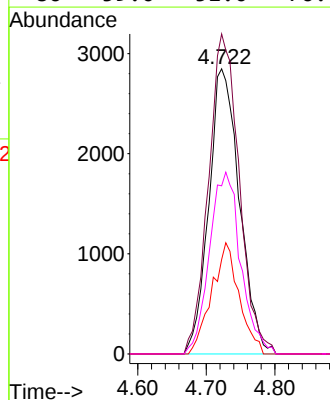
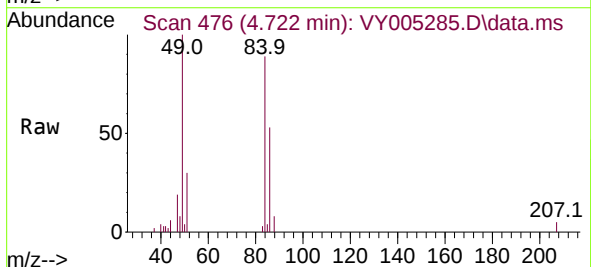
Instrument :
MSVOA_Y
ClientSampleId :
41547

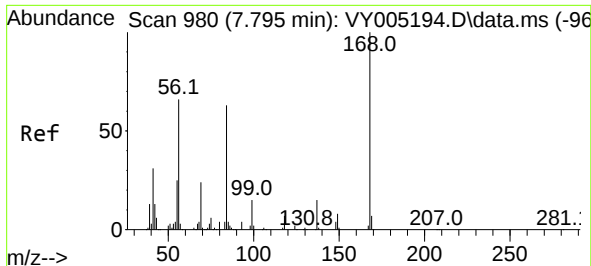
Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
58 30.3 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion: 84 Resp: 8860
Ion Ratio Lower Upper
84 100
49 112.2 86.9 130.3
51 33.1 27.4 41.2
86 59.0 51.0 76.6

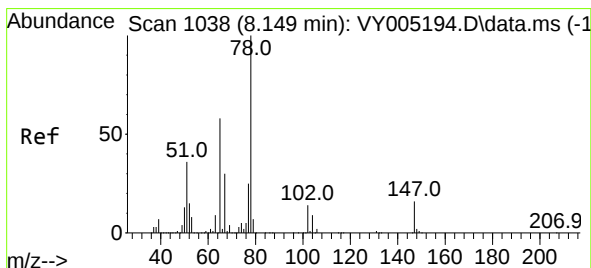
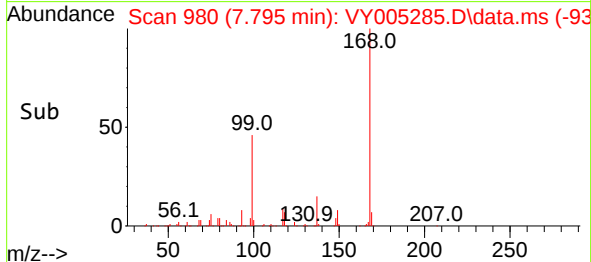
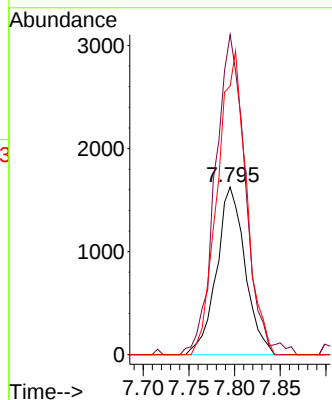
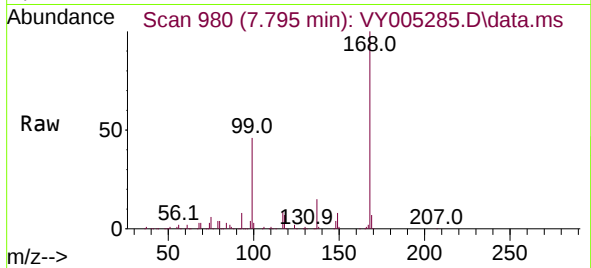




#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

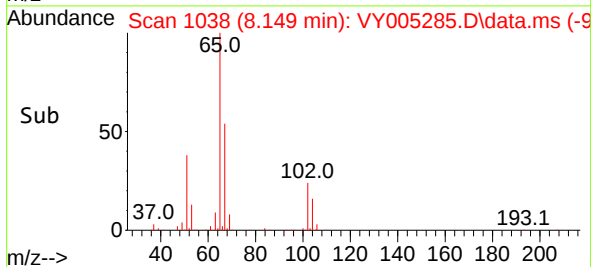
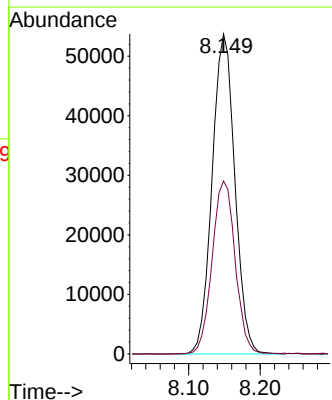
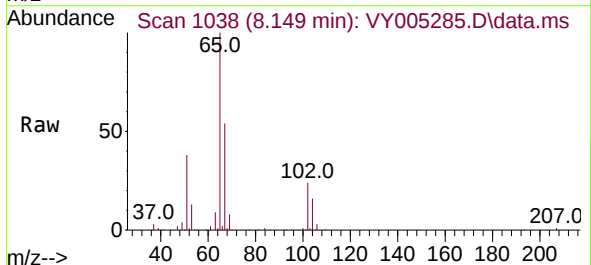
Instrument :
MSVOA_Y
ClientSampleId :
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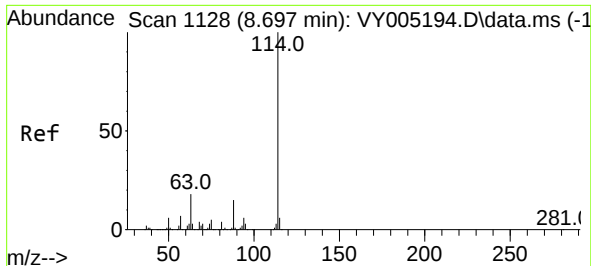
Tgt Ion: 56 Resp: 3533
Ion Ratio Lower Upper
56 100
69 191.1 29.6 44.4#
84 160.4 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 61.83 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion: 65 Resp: 118623
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.6

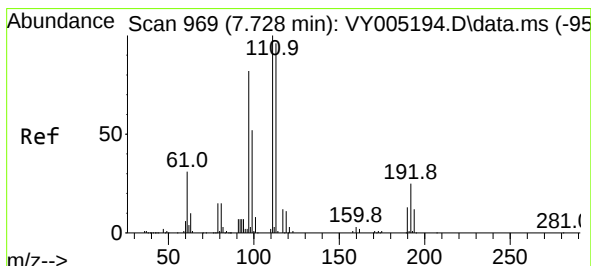
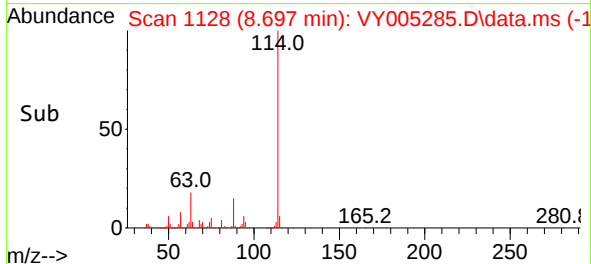
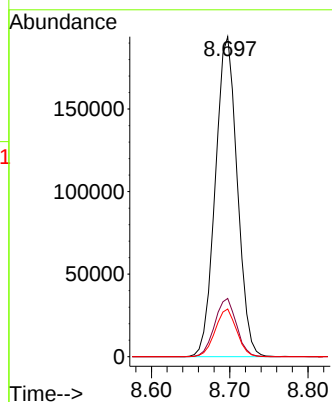
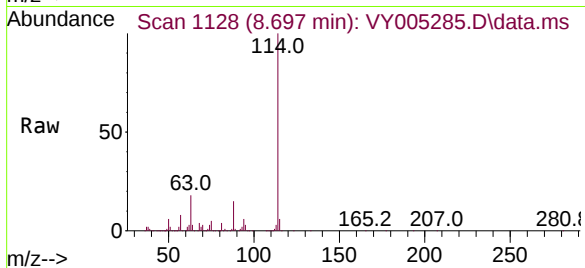




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

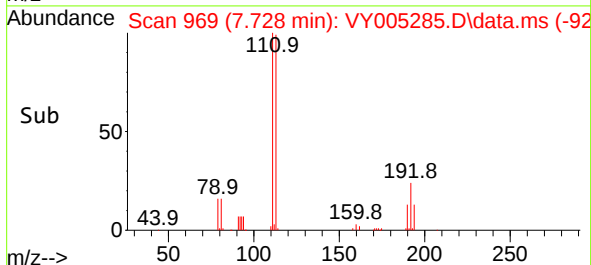
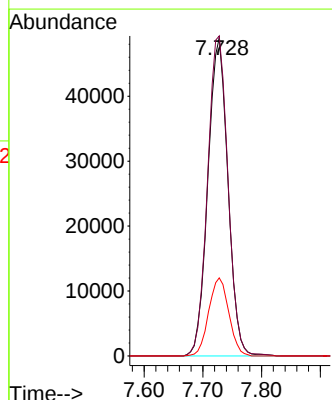
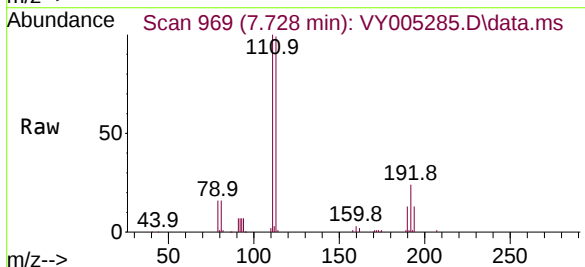
Instrument :
MSVOA_Y
ClientSampleId :
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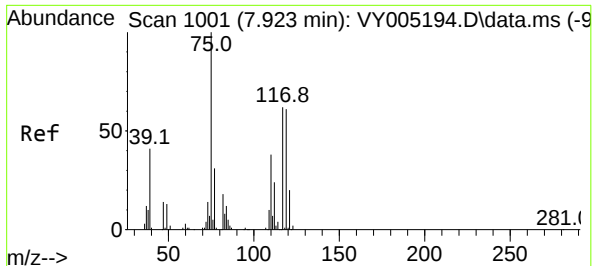
Tgt Ion:114 Resp: 376592
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.13 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion:113 Resp: 115780
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 24.7 20.2 30.2

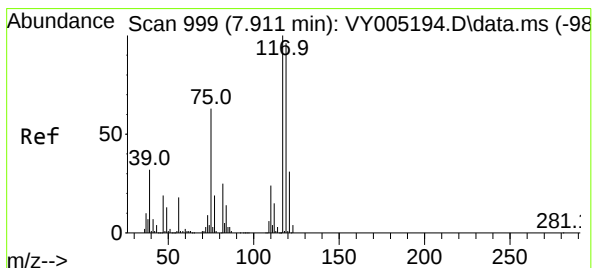
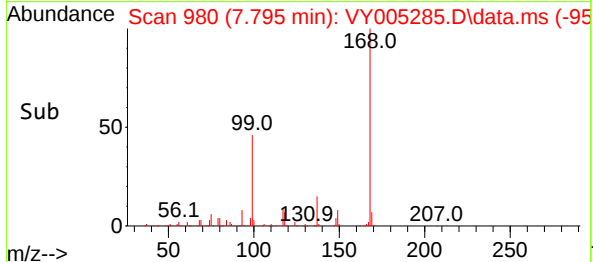
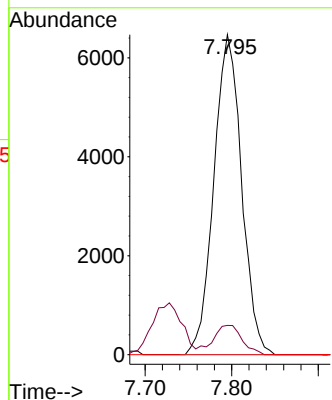
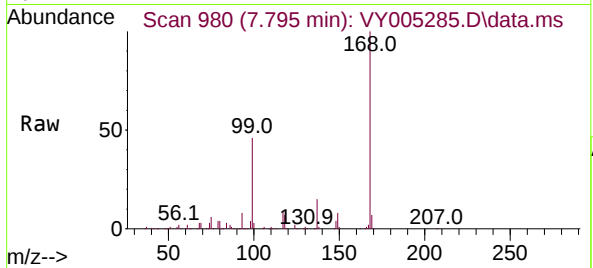




#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

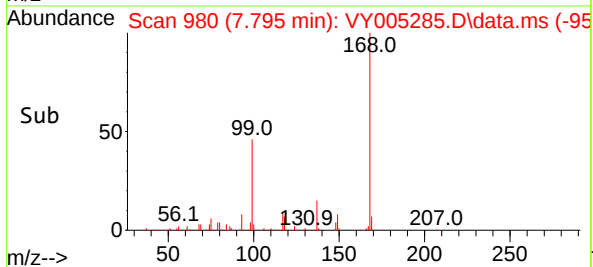
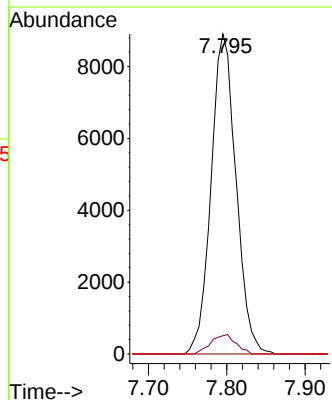
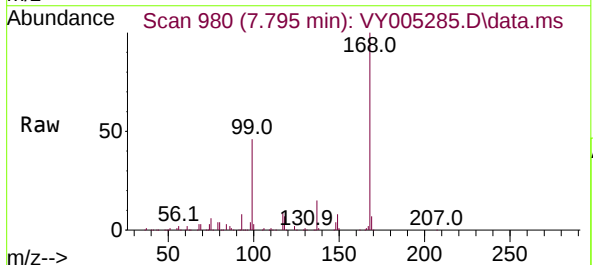
Instrument :
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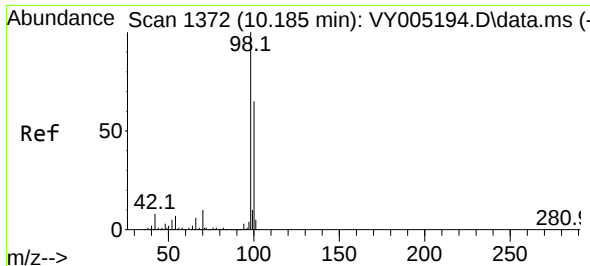
Tgt Ion: 75 Resp: 14379
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion: 117 Resp: 19698
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.4#
121 0.0 24.7 37.1#

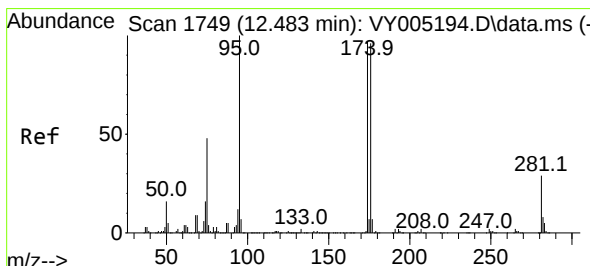
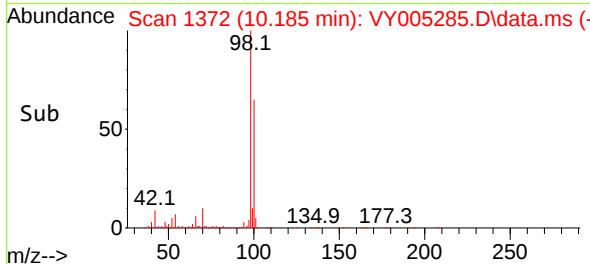
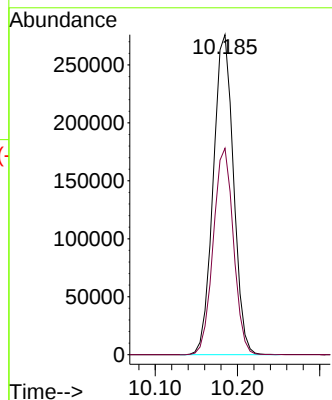
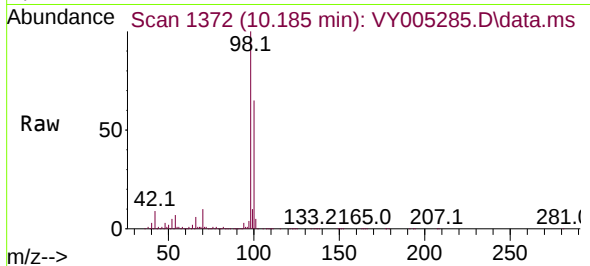




#50
Toluene-d8
Concen: 53.15 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

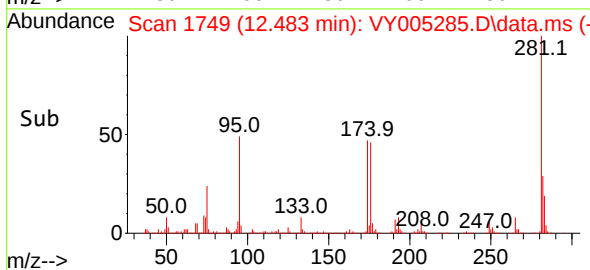
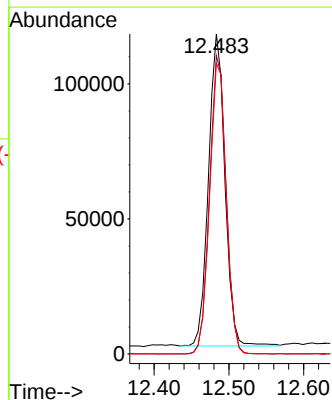
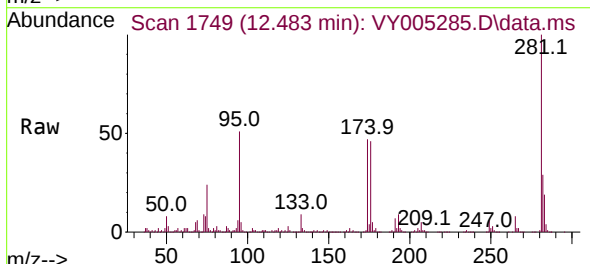
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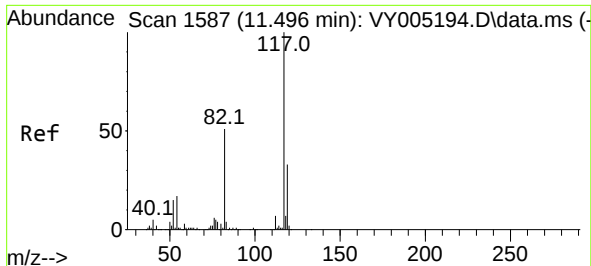
Tgt Ion: 98 Resp: 472075
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 59.78 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion: 95 Resp: 176918
Ion Ratio Lower Upper
95 100
174 96.0 0.0 201.6
176 93.8 0.0 197.4

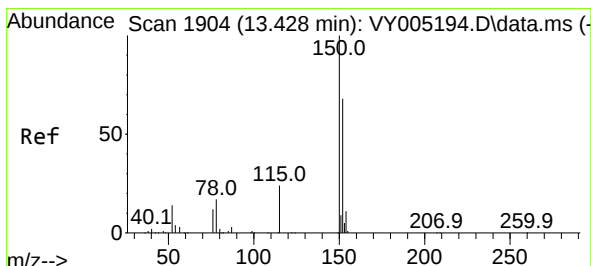
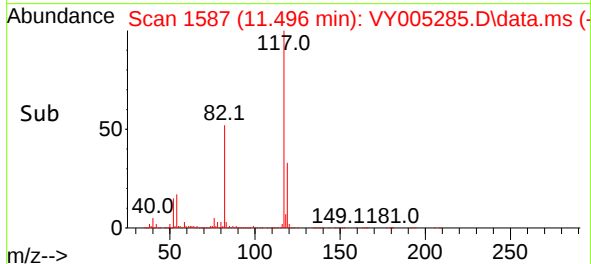
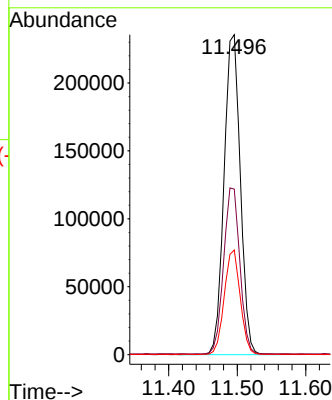
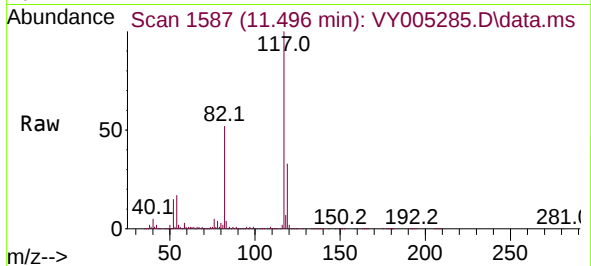




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

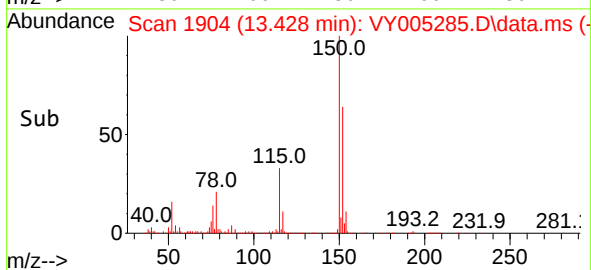
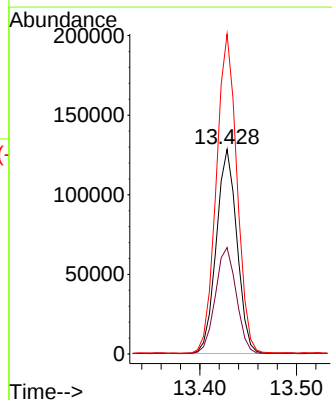
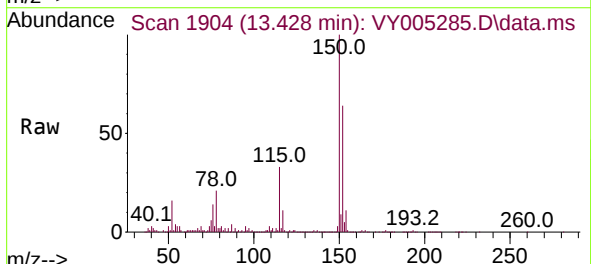
Instrument :
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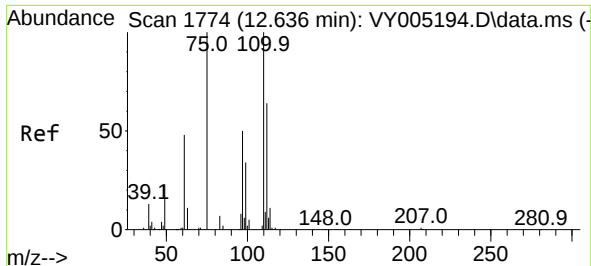
Tgt Ion:117 Resp: 387189
Ion Ratio Lower Upper
117 100
82 51.5 40.6 60.8
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion:152 Resp: 189970
Ion Ratio Lower Upper
152 100
115 52.8 26.3 78.8
150 156.0 0.0 344.2

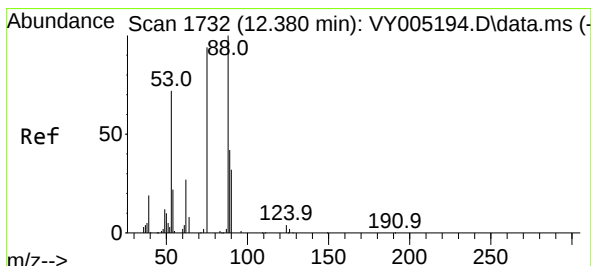
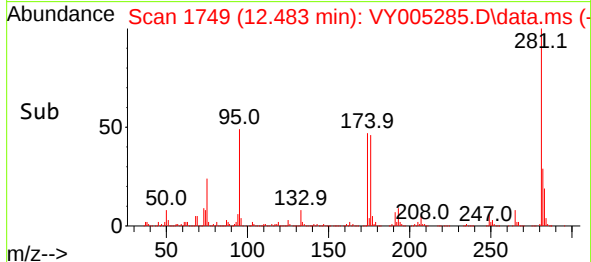
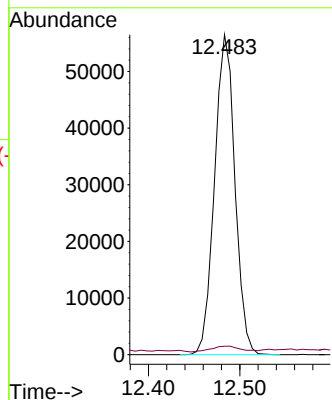
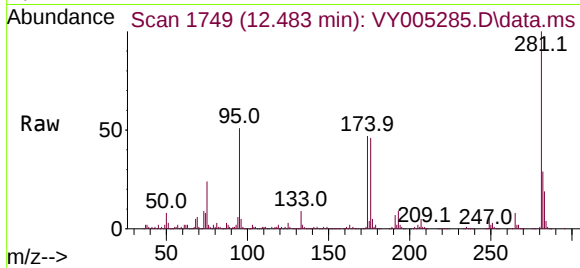




#76
1,2,3-Trichloropropane
Concen: 51.91 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Instrument :
MSVOA_Y
ClientSampleId :
41547

Tgt Ion: 75 Resp: 87452
Ion Ratio Lower Upper
75 100
77 2.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion: 75 Resp: 87452
Ion Ratio Lower Upper
75 100
53 0.6 63.0 94.4#
89 2.5 38.0 57.0#

