

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005275.D
 Acq On : 29 Jun 2021 15:08
 Operator : SY/MD
 Sample : M2856-17
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-9.5-10.0

Quant Time: Jun 30 04:00:17 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)

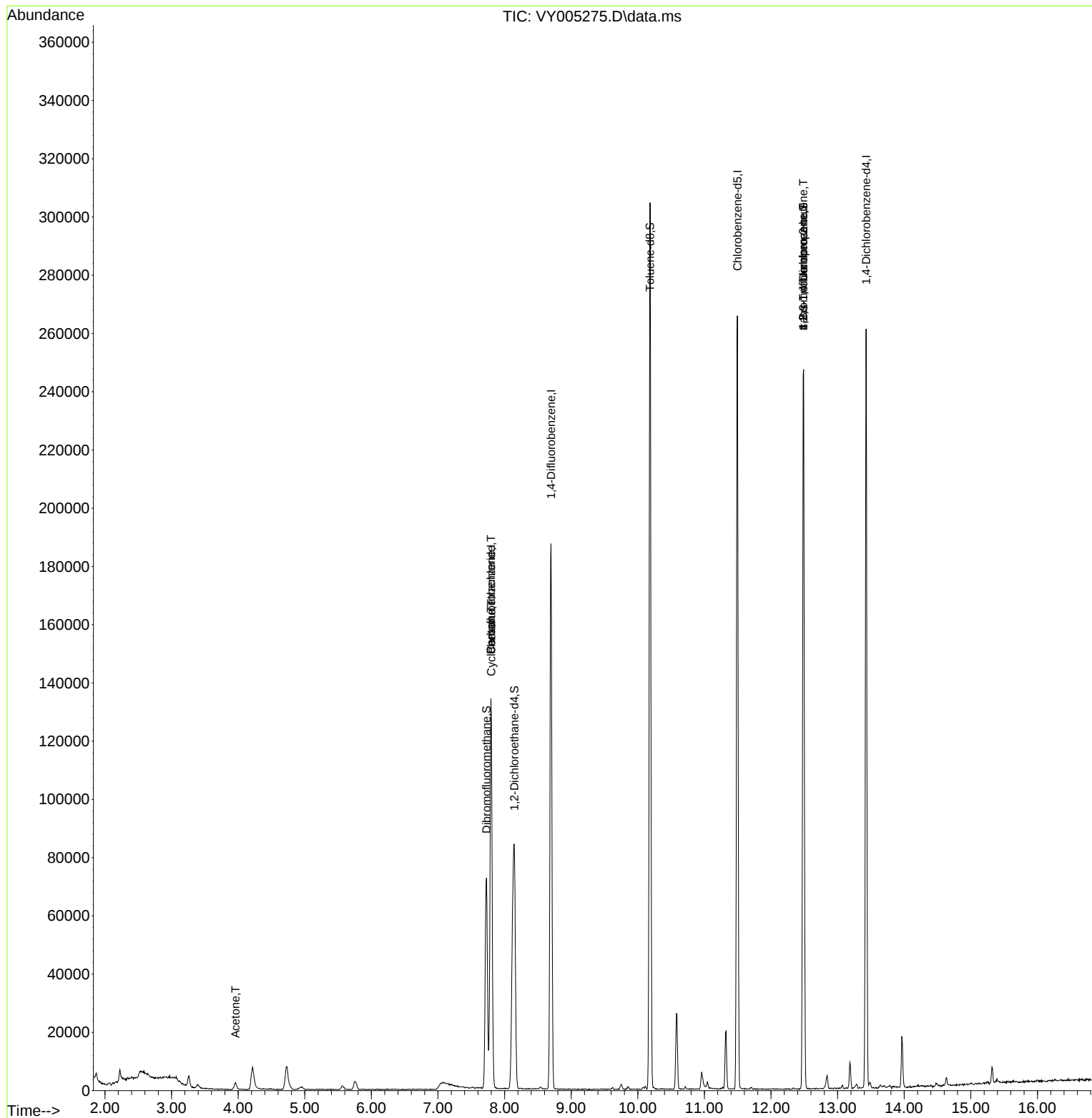
Internal Standards						
1) Pentafluorobenzene	7.795	168	113043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	167649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	152506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	49956	53.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.50%			
35) Dibromofluoromethane	7.728	113	51383	51.97	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.94%			
50) Toluene-d8	10.185	98	201949	51.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.14%			
62) 4-Bromofluorobenzene	12.483	95	59914	45.47	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.94%			
Target Compounds						
11) Tert butyl alcohol	4.948	59	789	Below Cal	#	77
16) Acetone	3.960	43	4021	18.55	ug/l	89
20) Methylene Chloride	4.728	84	6259	Below Cal		94
31) Cyclohexane	7.801	56	1815	1.08	ug/l #	1
38) Carbon Tetrachloride	7.795	117	9413	6.09	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	29575	46.59	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29575	86.93	ug/l #	18

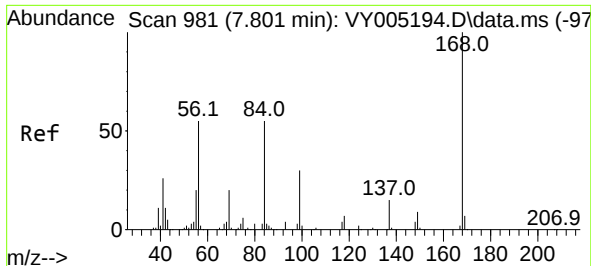
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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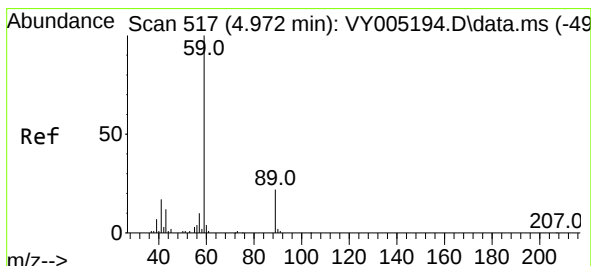
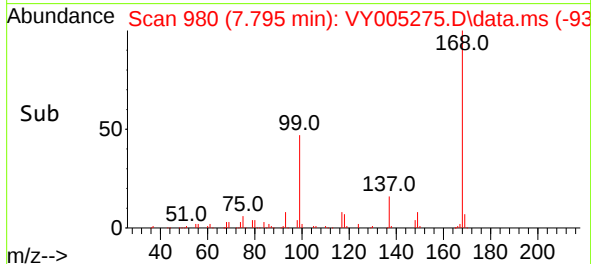
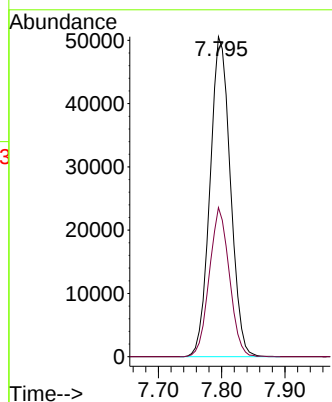
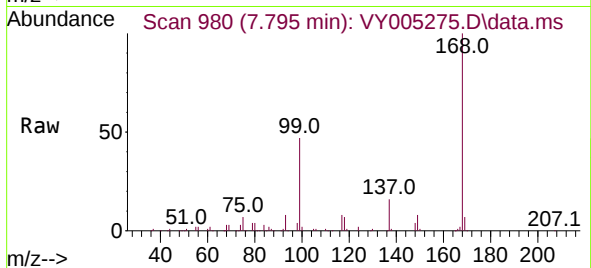




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

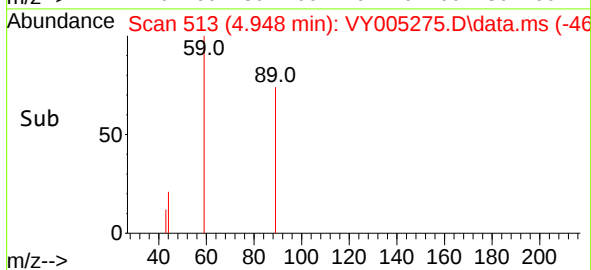
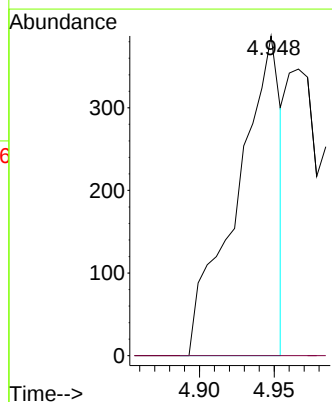
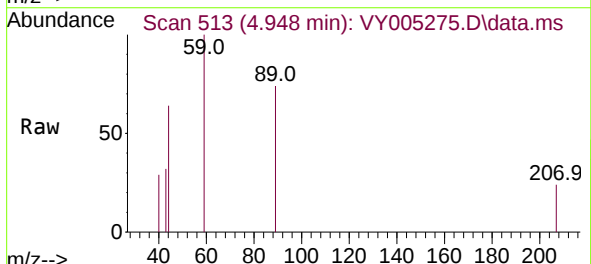
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-9.5-10.0

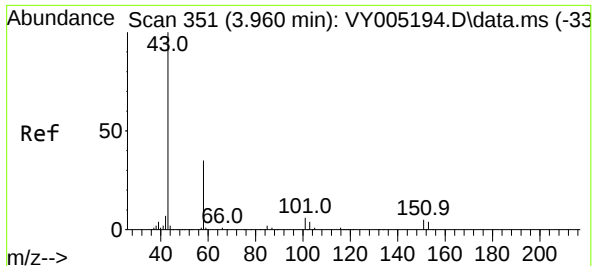
Tgt Ion:168 Resp: 113043
Ion Ratio Lower Upper
168 100
99 46.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

Tgt Ion: 59 Resp: 789
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

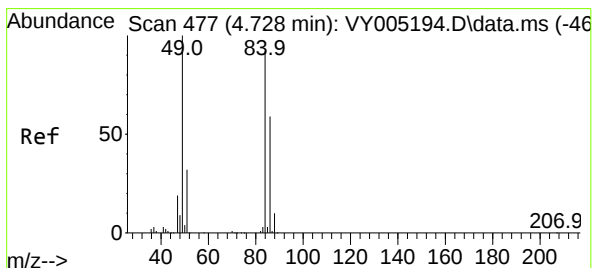
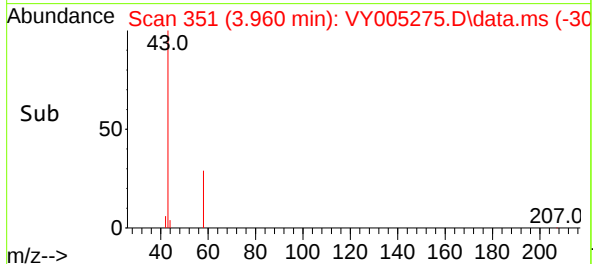
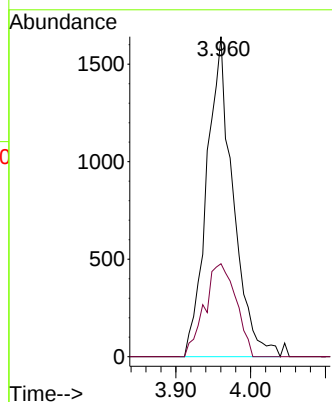
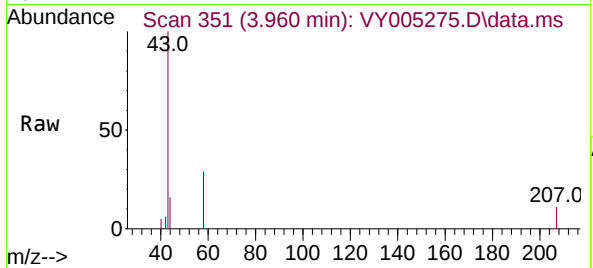




#16
Acetone
Concen: 18.55 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

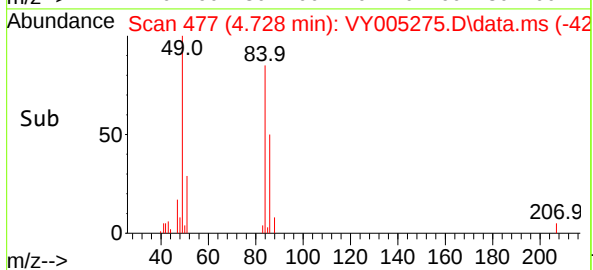
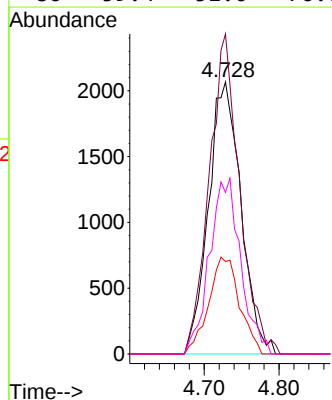
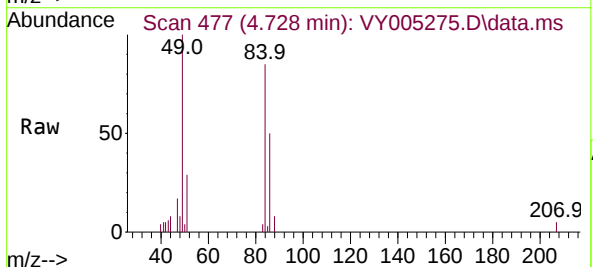
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-9.5-10.0

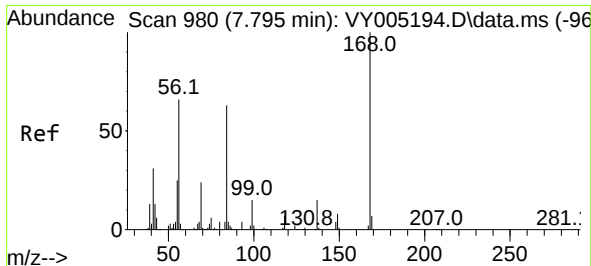
Tgt Ion: 43 Resp: 4021
Ion Ratio Lower Upper
43 100
58 29.1 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

Tgt Ion: 84 Resp: 6259
Ion Ratio Lower Upper
84 100
49 117.7 86.9 130.3
51 34.0 27.4 41.2
86 59.4 51.0 76.6

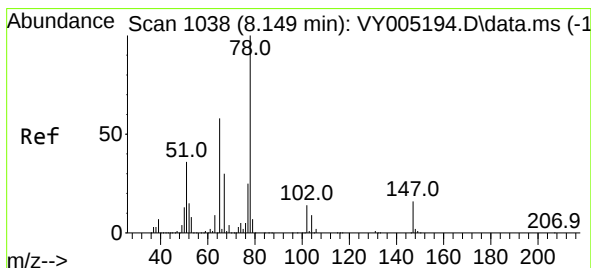
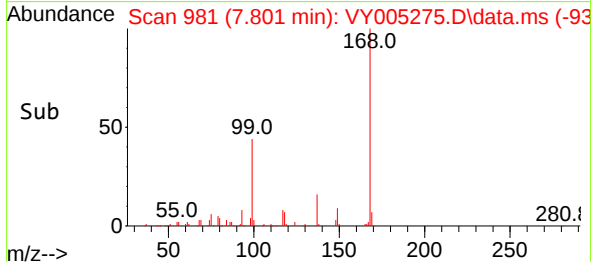
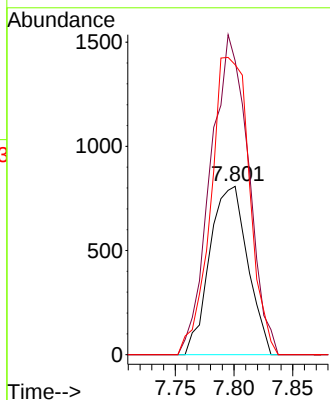
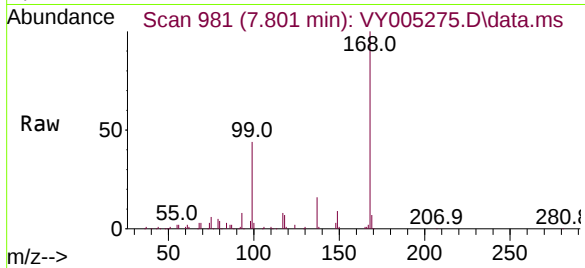




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

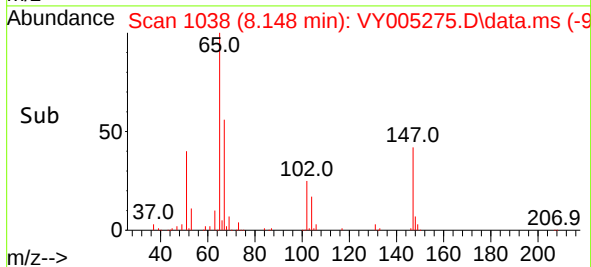
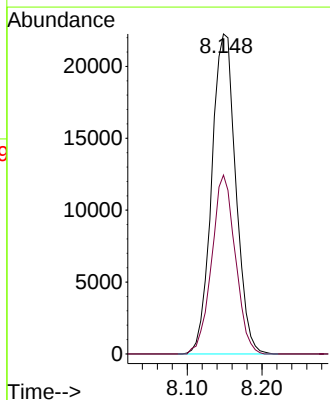
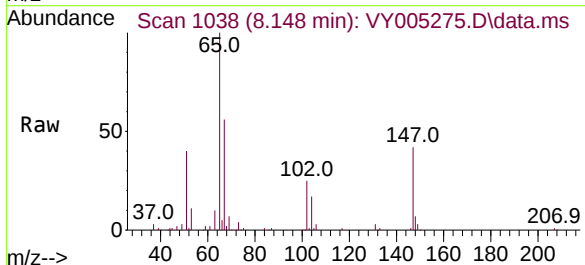
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-9.5-10.0

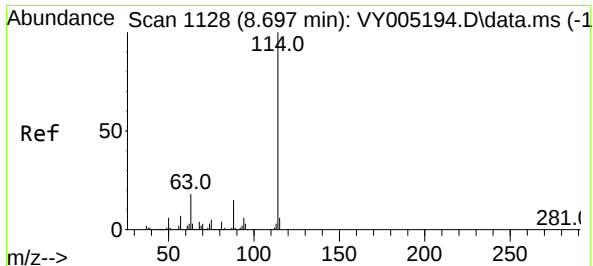
Tgt Ion: 56 Resp: 1815
Ion Ratio Lower Upper
56 100
69 174.5 29.6 44.4#
84 172.3 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 53.25 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

Tgt Ion: 65 Resp: 49956
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.6

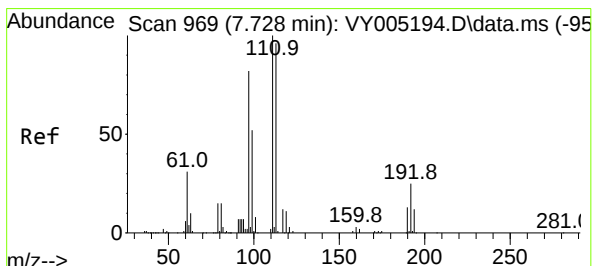
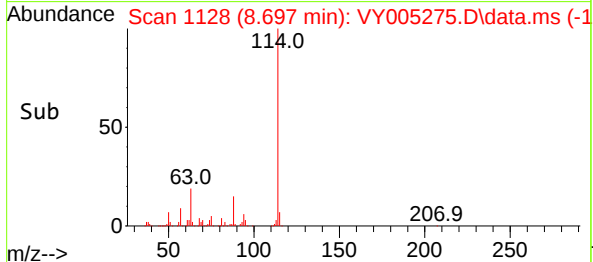
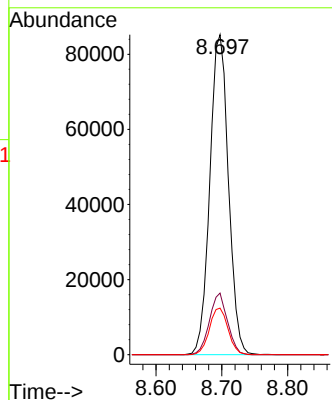
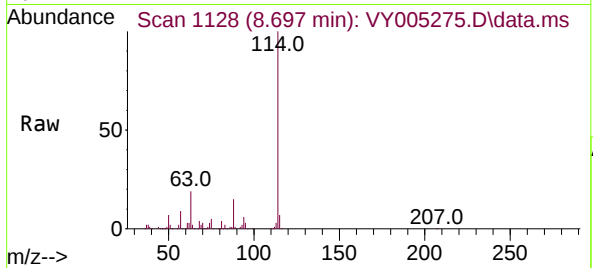




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

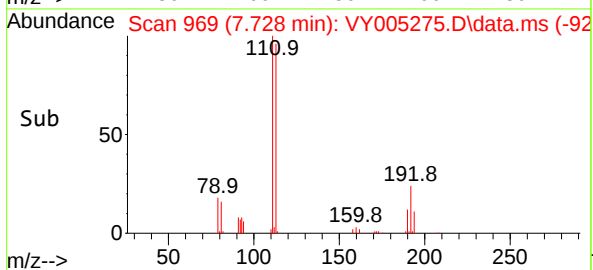
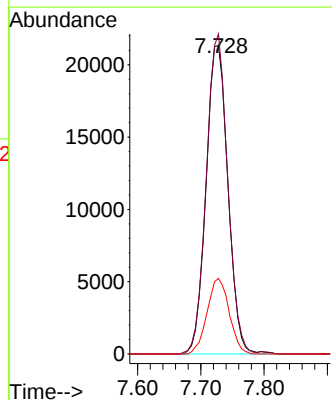
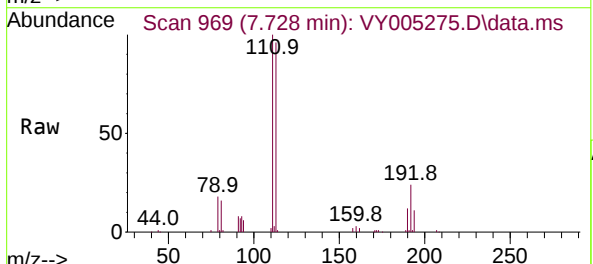
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MSVOA_Y
ClientSampleId :
SB-09-9.5-10.0

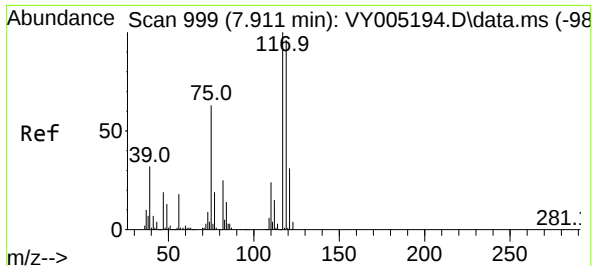
Tgt Ion:114 Resp: 167649
Ion Ratio Lower Upper
114 100
63 19.3 0.0 35.2
88 14.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.97 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

Tgt Ion:113 Resp: 51383
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 24.7 20.2 30.2

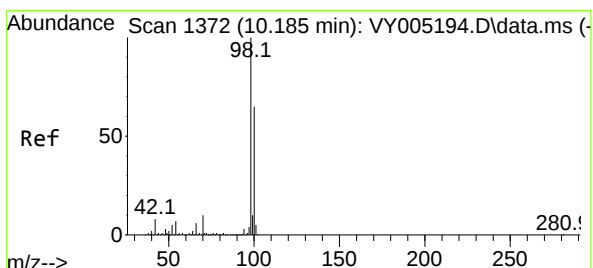
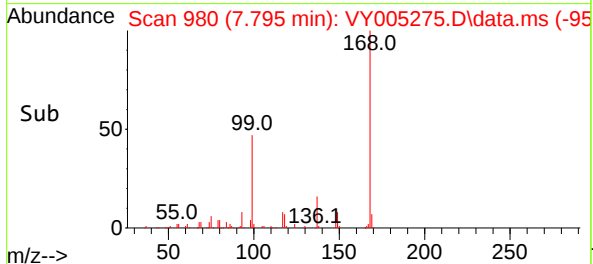
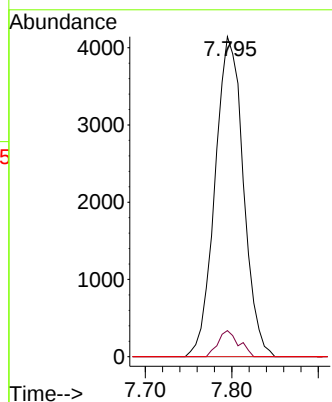
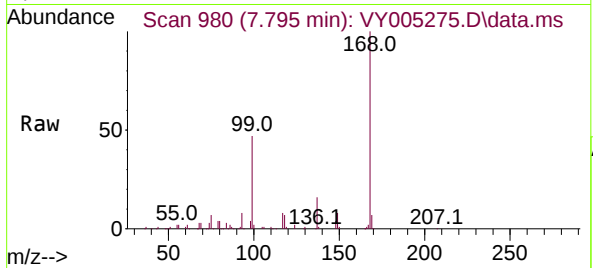




#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

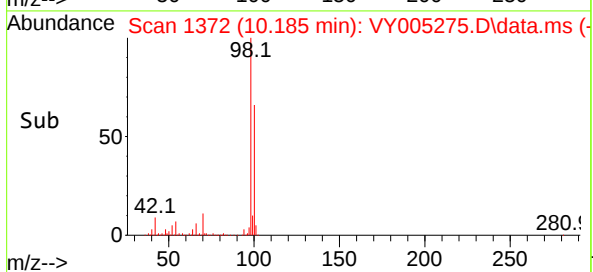
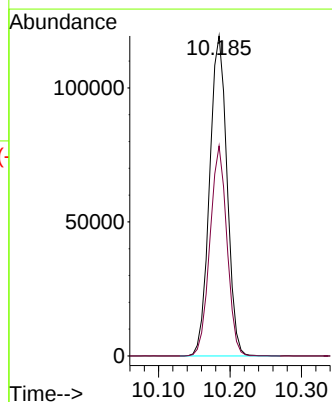
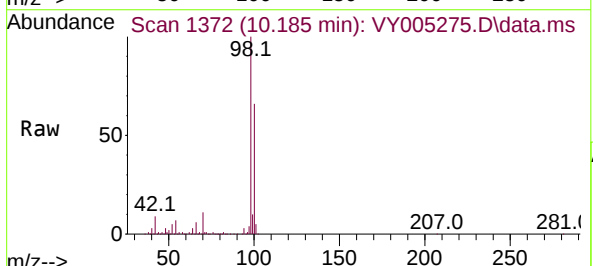
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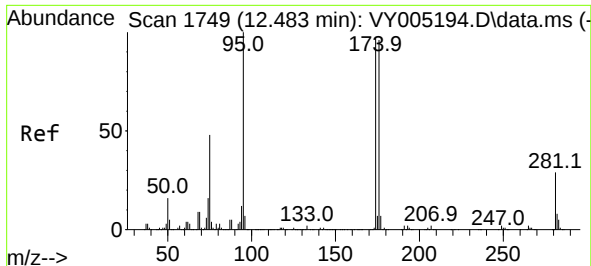
Tgt Ion:117 Resp: 9413
Ion Ratio Lower Upper
117 100
119 8.1 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

Tgt Ion: 98 Resp: 201949
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

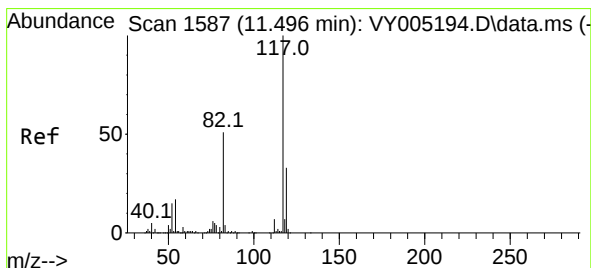
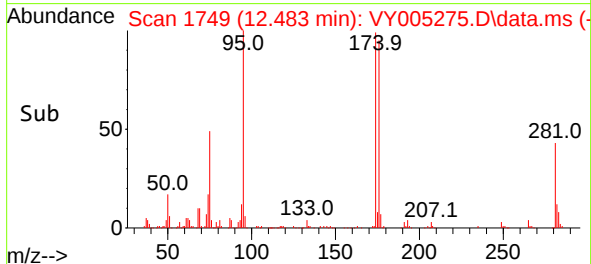
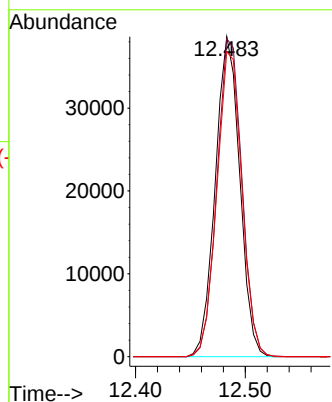
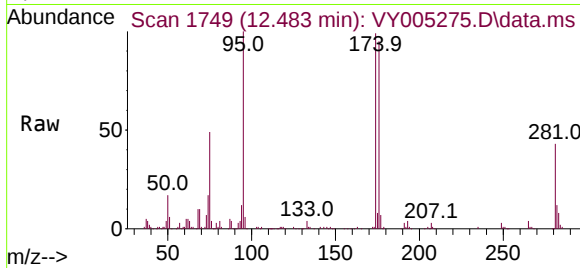




#62
4-Bromofluorobenzene
Concen: 45.47 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

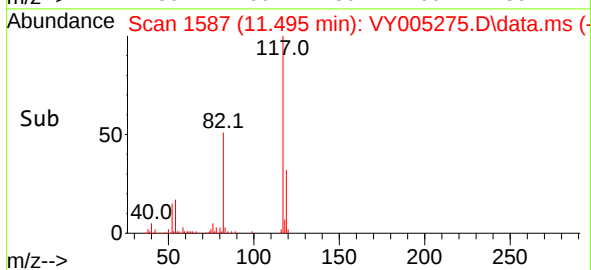
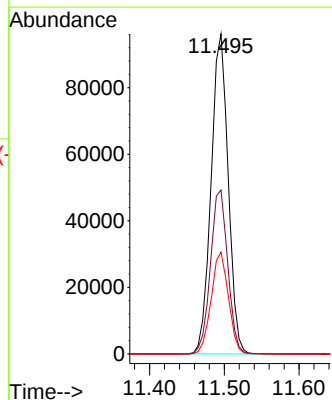
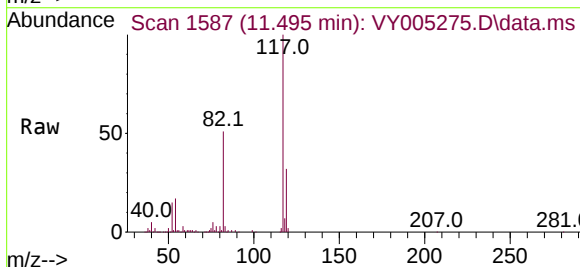
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SB-09-9.5-10.0

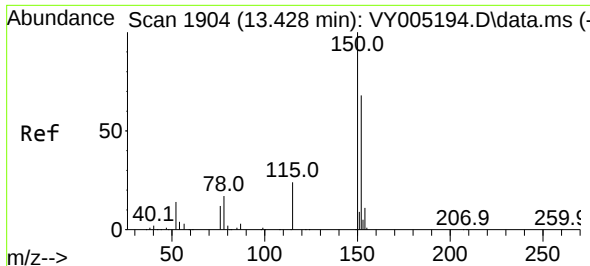
Tgt Ion:	95	Resp:	59914
Ion Ratio	Lower	Upper	
95	100		
174	101.3	0.0	201.6
176	97.4	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005275.D
Acq: 29 Jun 2021 15:08

Tgt Ion:	117	Resp:	152506
Ion Ratio	Lower	Upper	
117	100		
82	51.3	40.6	60.8
119	31.8	26.1	39.1

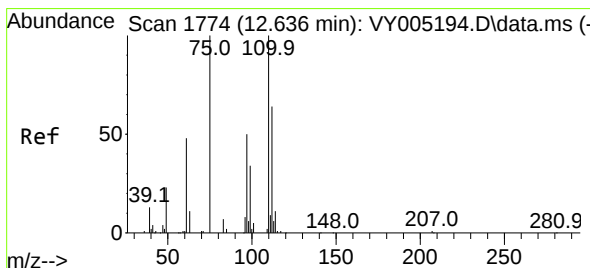
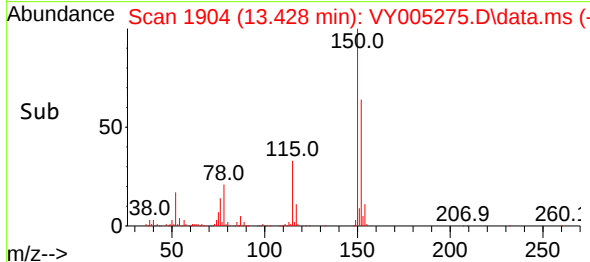
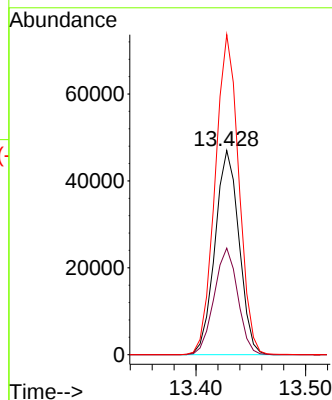
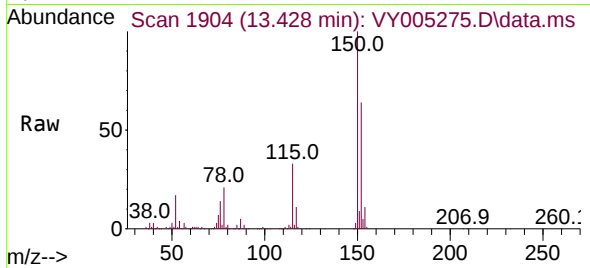




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005275.D
 Acq: 29 Jun 2021 15:08

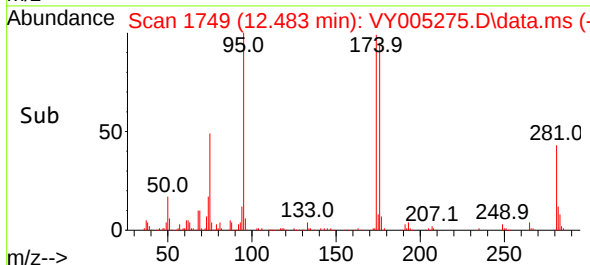
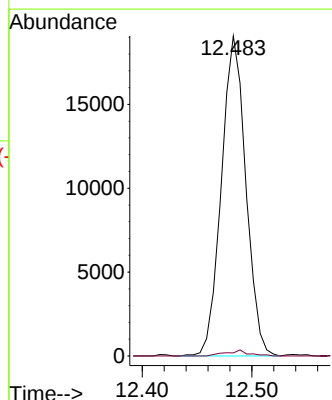
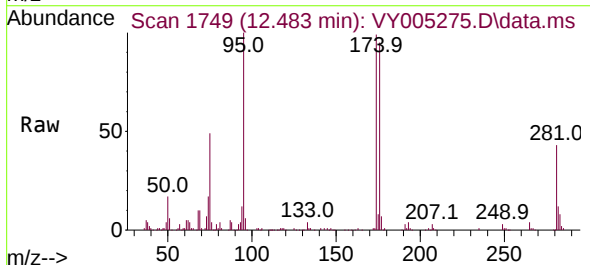
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-9.5-10.0

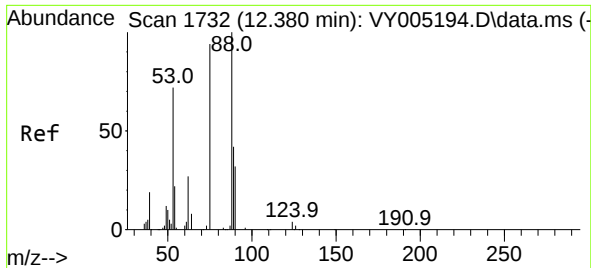
Tgt Ion:152 Resp: 71574
 Ion Ratio Lower Upper
 152 100
 115 51.3 26.3 78.8
 150 154.6 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 46.59 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005275.D
 Acq: 29 Jun 2021 15:08

Tgt Ion: 75 Resp: 29575
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.93 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005275.D
 Acq: 29 Jun 2021 15:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.6	38.0	57.0#

