

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006129.D
 Acq On : 24 Sep 2021 10:50
 Operator : SY/MD
 Sample : VY0924SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0924SBL01

Quant Time: Sep 25 05:42:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

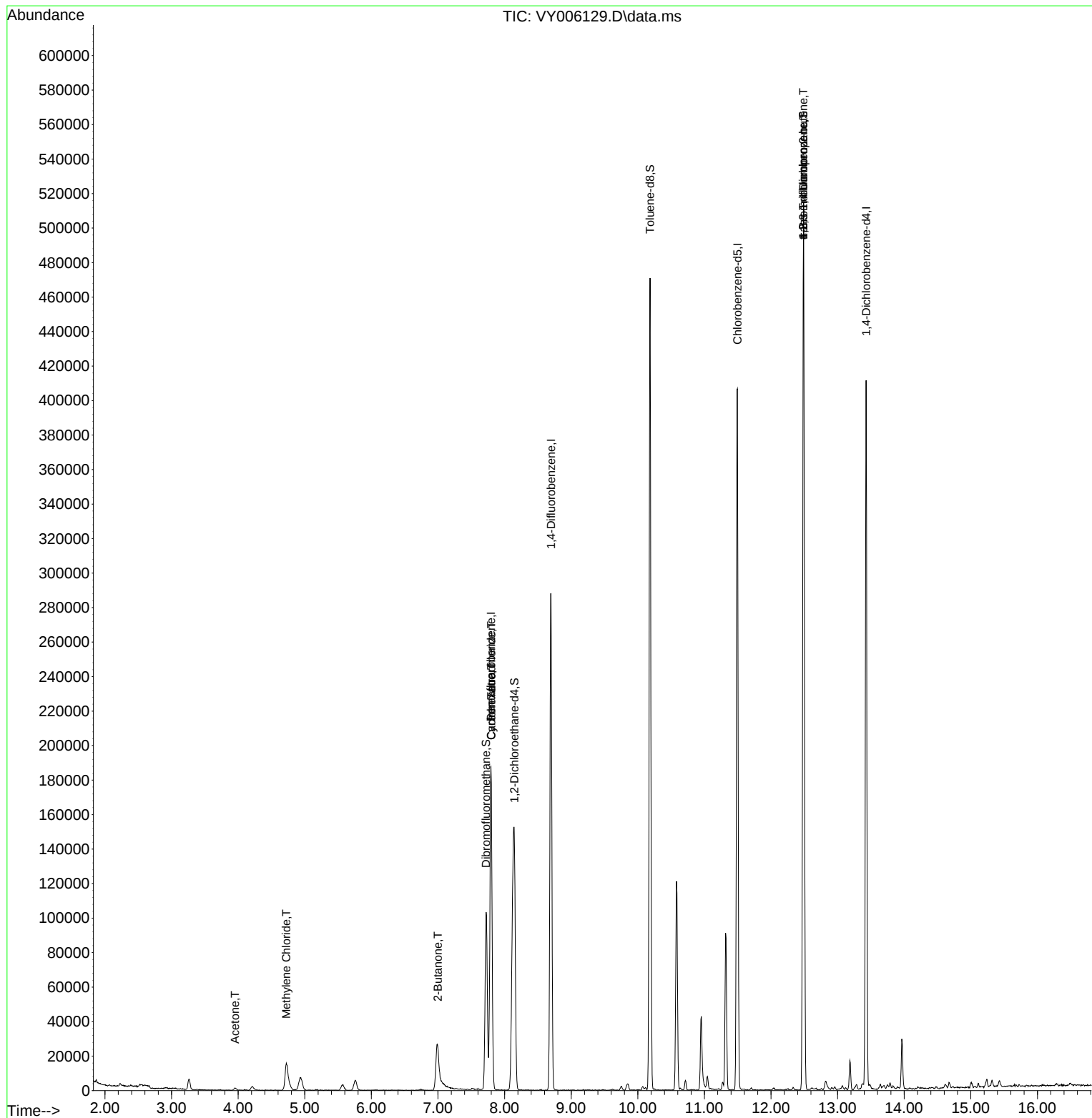
Internal Standards						
1) Pentafluorobenzene	7.795	168	146455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	238399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	218217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94729	46.565	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.120%		
35) Dibromofluoromethane	7.722	113	69671	47.052	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.100%		
50) Toluene-d8	10.185	98	297786	47.185	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.380%		
62) 4-Bromofluorobenzene	12.483	95	95204	44.432	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.860%		
Target Compounds						
11) Tert butyl alcohol	4.942	59	7651	Below Cal	#	77
16) Acetone	3.954	43	2295	4.113	ug/l	96
20) Methylene Chloride	4.722	84	10773	1.697	ug/l	93
25) 2-Butanone	6.996	43	2165	2.815	ug/l	# 88
31) Cyclohexane	7.801	56	3372	1.035	ug/l	# 35
38) Carbon Tetrachloride	7.801	117	14155	5.053	ug/l	# 14
76) 1,2,3-Trichloropropane	12.483	75	55099	51.514	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	55099	94.709	ug/l	# 8

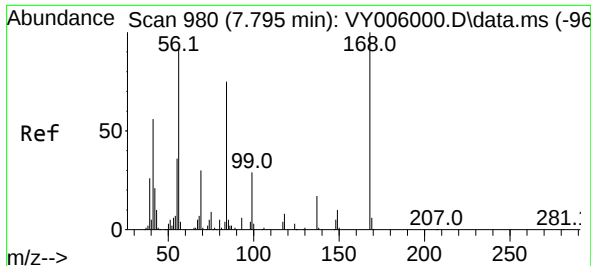
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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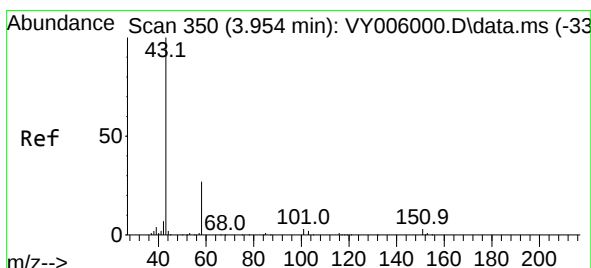
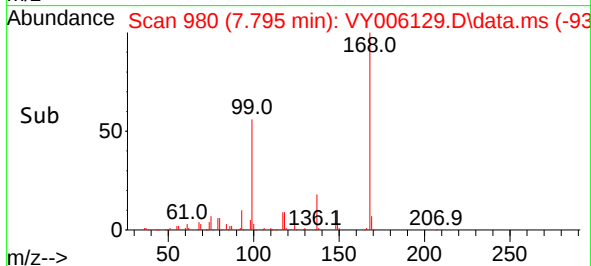
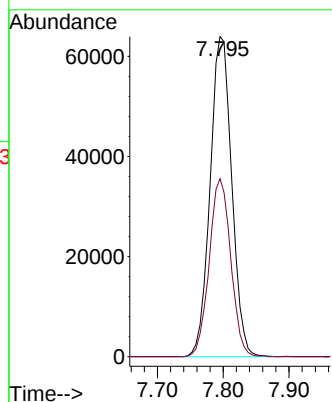
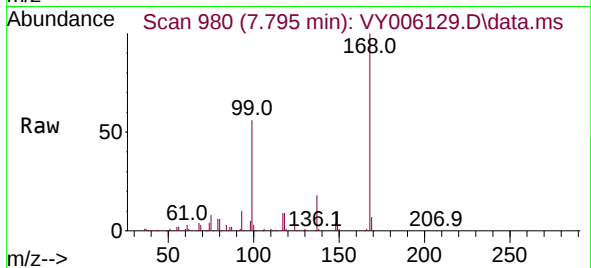




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006129.D
Acq: 24 Sep 2021 10:50

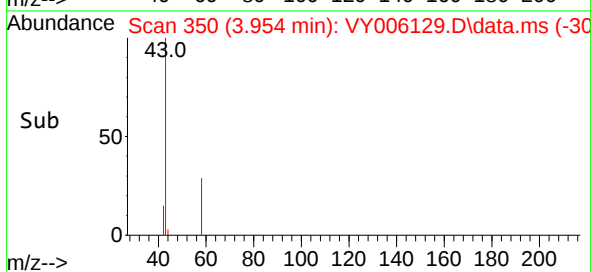
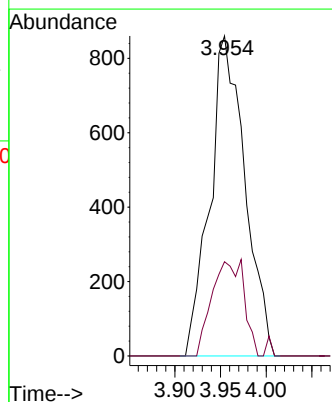
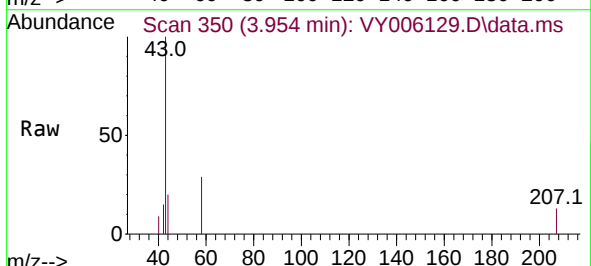
Instrument :
MSVOA_Y
ClientSampleId :
VY0924SBL01

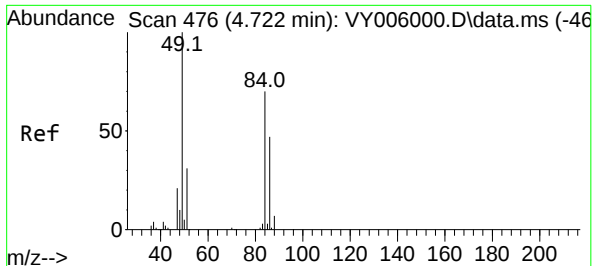
Tgt Ion:168 Resp: 146455
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#16
Acetone
Concen: 4.113 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006129.D
Acq: 24 Sep 2021 10:50

Tgt Ion: 43 Resp: 2295
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0

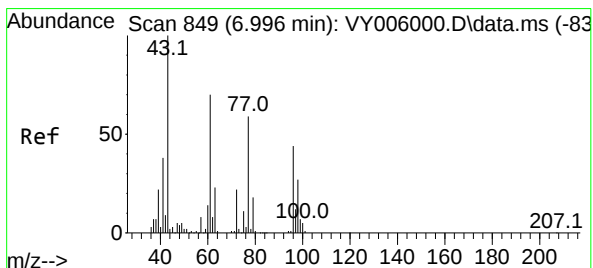
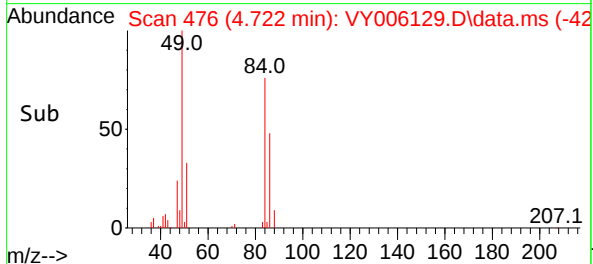
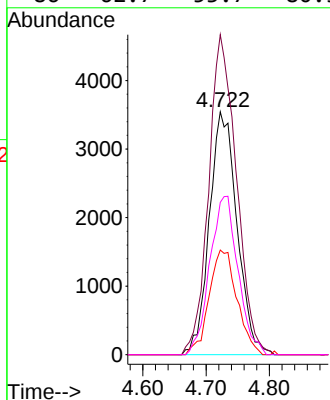
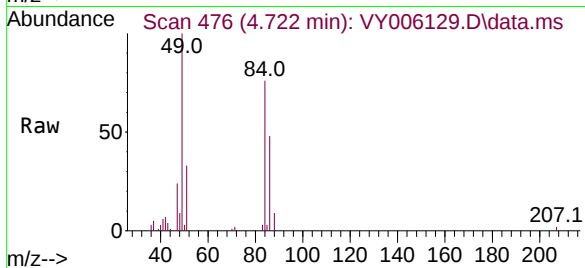




#20
Methylene Chloride
Concen: 1.697 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006129.D
Acq: 24 Sep 2021 10:50

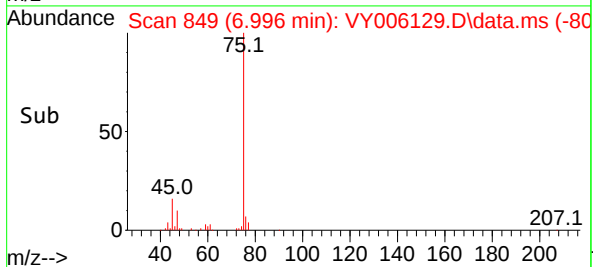
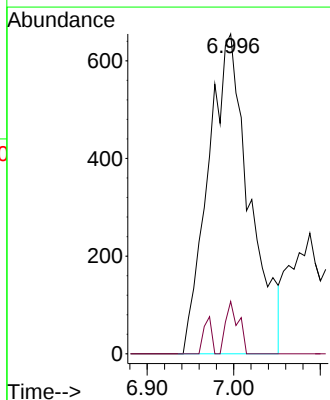
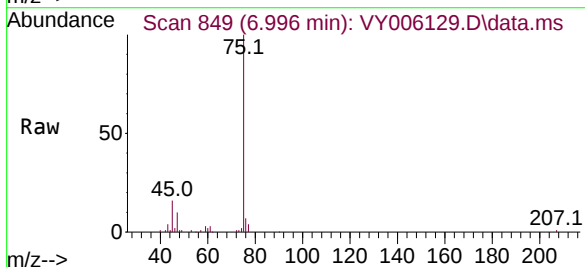
Instrument :
MSVOA_Y
ClientSampleId :
VY0924SBL01

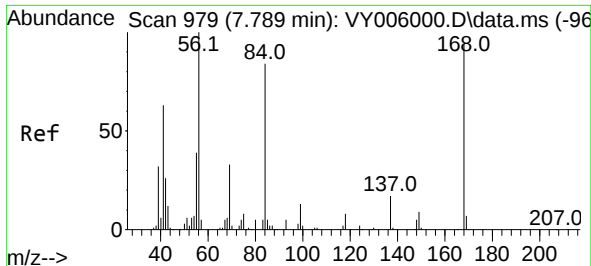
Tgt Ion:	84	Resp:	10773
Ion	Ratio	Lower	Upper
84	100		
49	131.7	114.4	171.6
51	43.1	35.3	52.9
86	62.7	53.7	80.5



#25
2-Butanone
Concen: 2.815 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006129.D
Acq: 24 Sep 2021 10:50

Tgt Ion:	43	Resp:	2165
Ion	Ratio	Lower	Upper
43	100		
72	16.3	17.7	26.5#

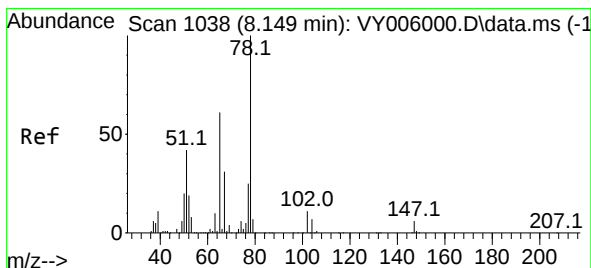
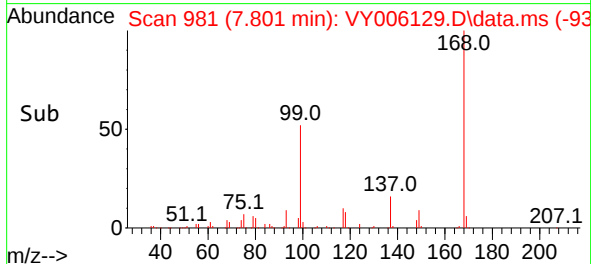
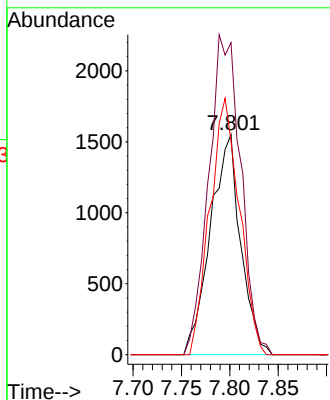
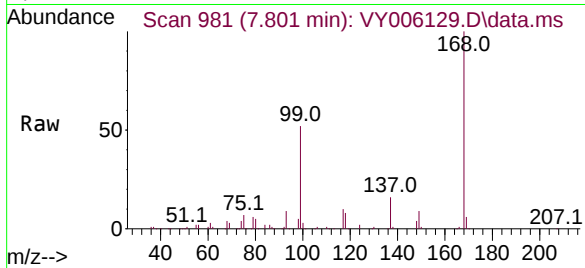




#31
Cyclohexane
Concen: 1.035 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006129.D
Acq: 24 Sep 2021 10:50

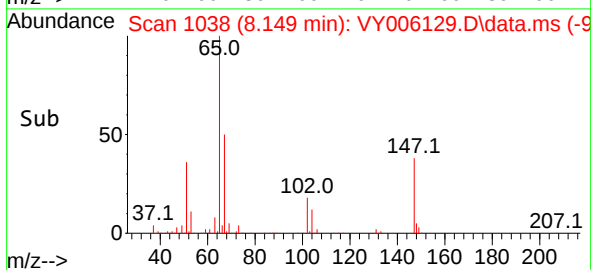
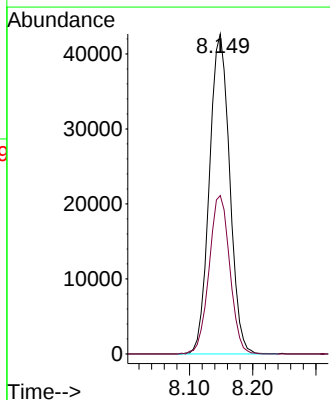
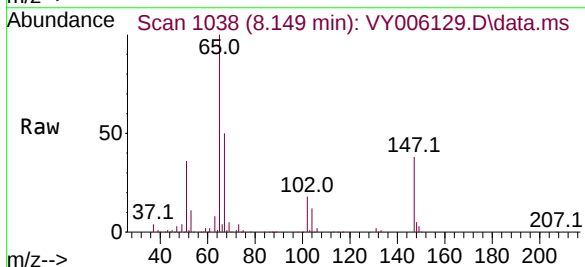
Instrument :
MSVOA_Y
ClientSampleId :
VY0924SBL01

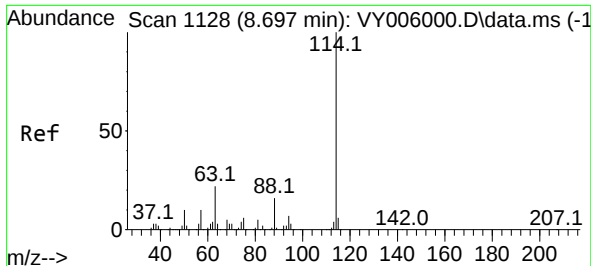
Tgt Ion: 56 Resp: 3372
Ion Ratio Lower Upper
56 100
69 141.8 26.7 40.1#
84 97.1 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 46.565 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006129.D
Acq: 24 Sep 2021 10:50

Tgt Ion: 65 Resp: 94729
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006129.D

Acq: 24 Sep 2021 10:50

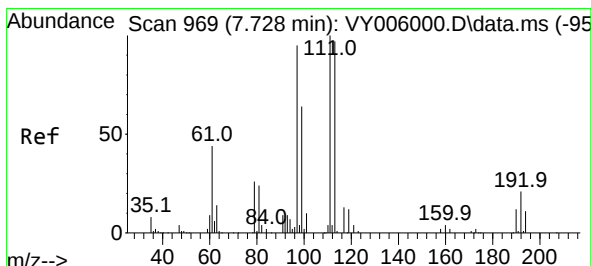
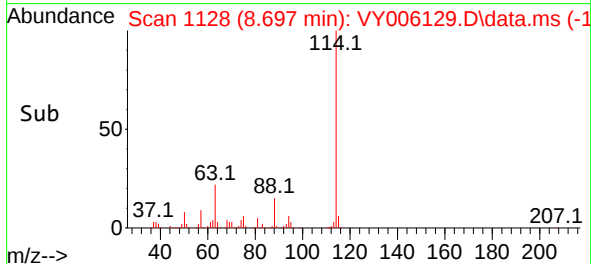
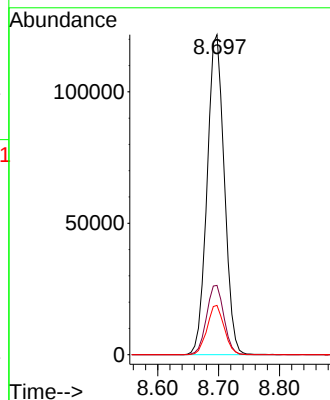
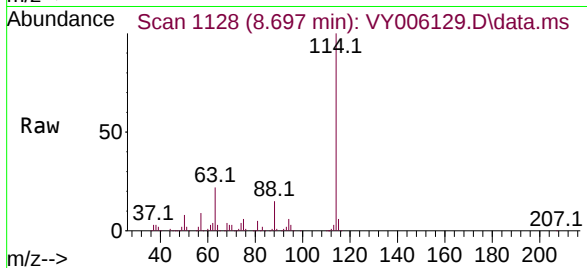
Instrument :

MSVOA_Y

ClientSampleId :

VY0924SBL01

Tgt Ion:114	Resp: 238399
Ion Ratio	Lower Upper
114 100	
63 21.7	0.0 43.2
88 15.4	0.0 31.8



#35

Dibromofluoromethane

Concen: 47.052 ug/l

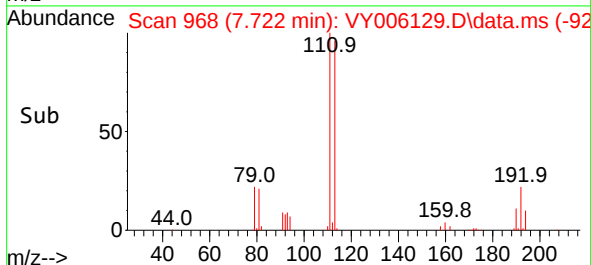
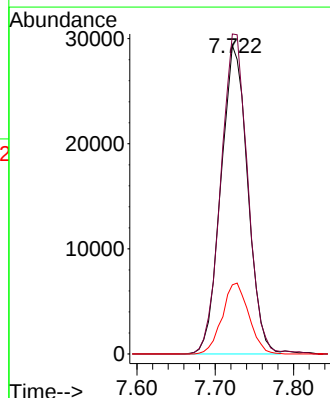
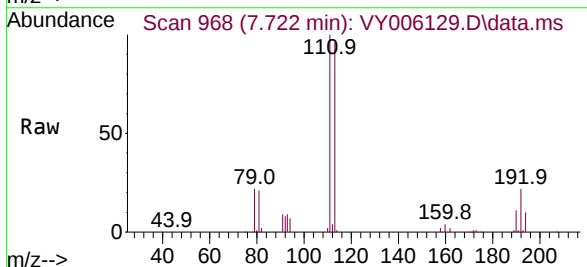
RT: 7.722 min Scan# 968

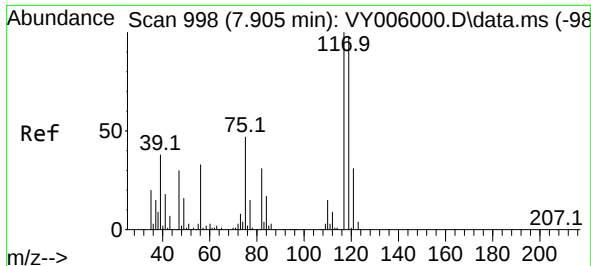
Delta R.T. -0.006 min

Lab File: VY006129.D

Acq: 24 Sep 2021 10:50

Tgt Ion:113	Resp: 69671
Ion Ratio	Lower Upper
113 100	
111 104.1	82.6 124.0
192 22.8	17.6 26.4

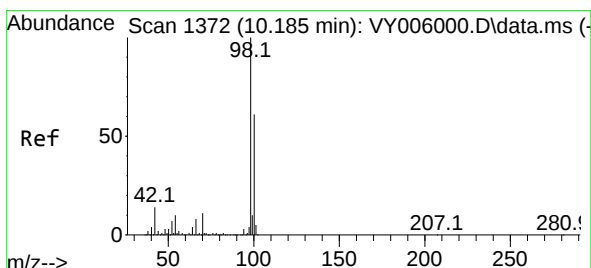
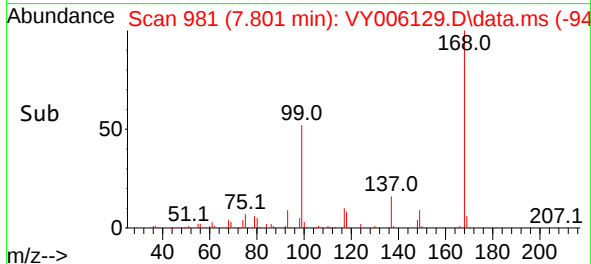
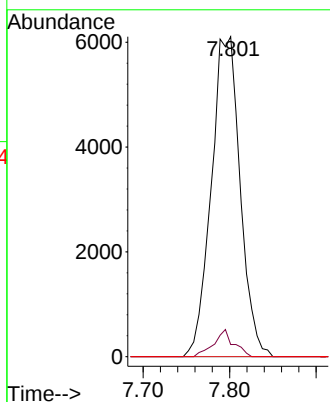
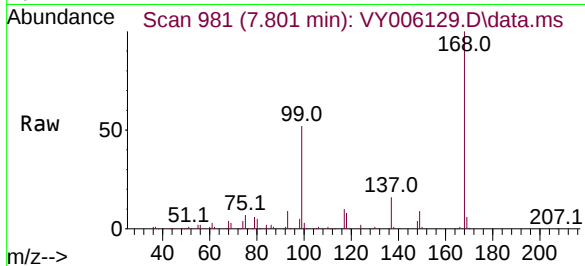




#38
Carbon Tetrachloride
Concen: 5.053 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006129.D
Acq: 24 Sep 2021 10:50

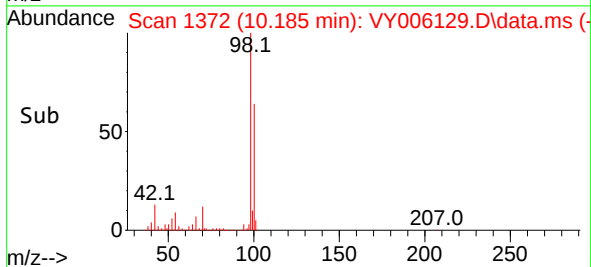
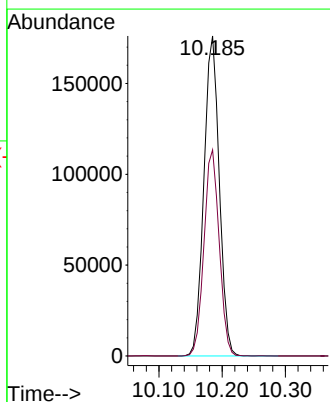
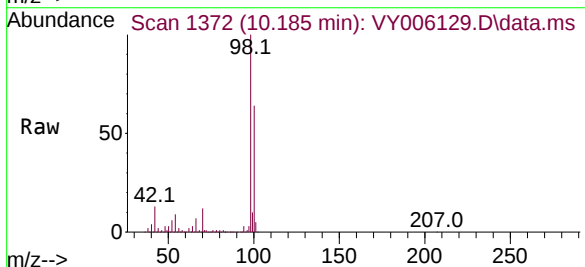
Instrument :
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ClientSampleId :
VY0924SBL01

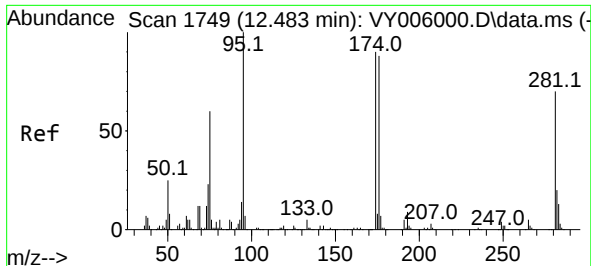
Tgt Ion: 117 Resp: 14155
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.185 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006129.D
Acq: 24 Sep 2021 10:50

Tgt Ion: 98 Resp: 297786
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

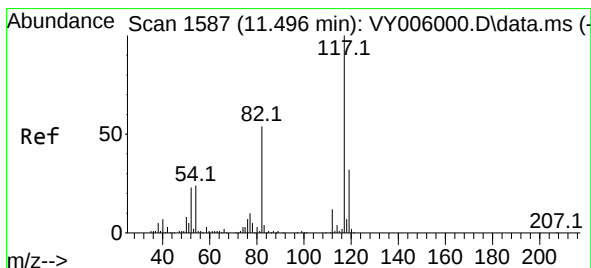
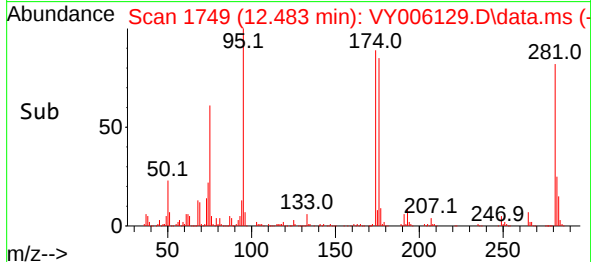
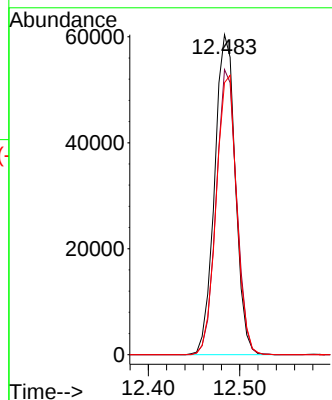
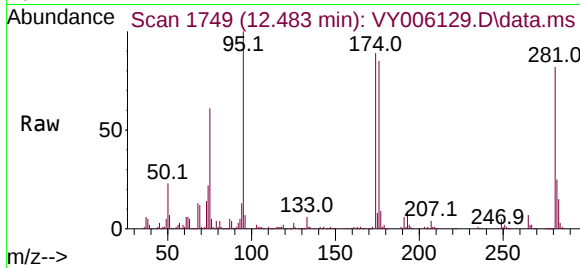




#62
4-Bromofluorobenzene
Concen: 44.432 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006129.D
Acq: 24 Sep 2021 10:50

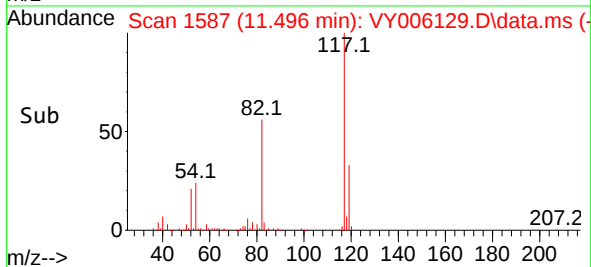
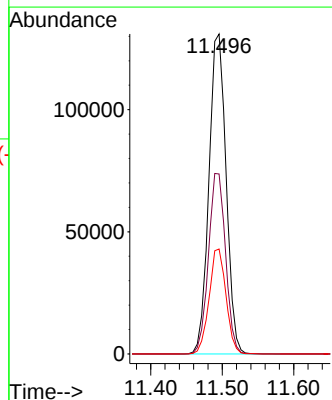
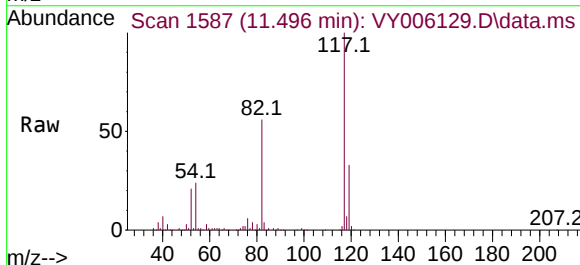
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VY0924SBL01

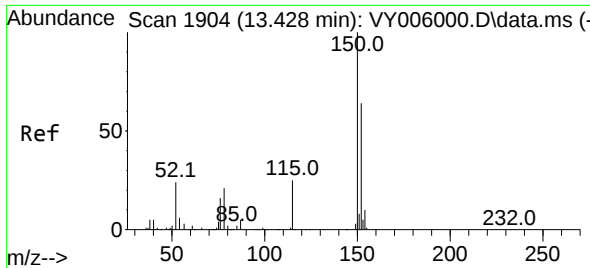
Tgt Ion: 95 Resp: 95204
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 86.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006129.D
Acq: 24 Sep 2021 10:50

Tgt Ion: 117 Resp: 218217
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 32.8 25.4 38.0



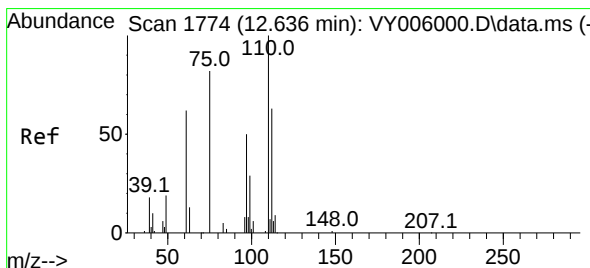
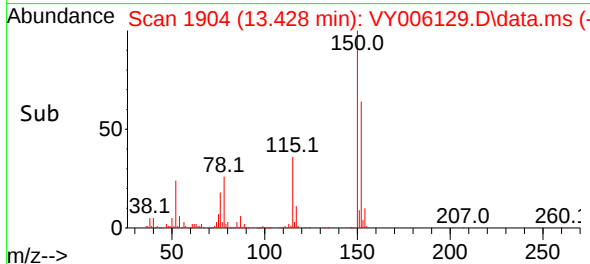
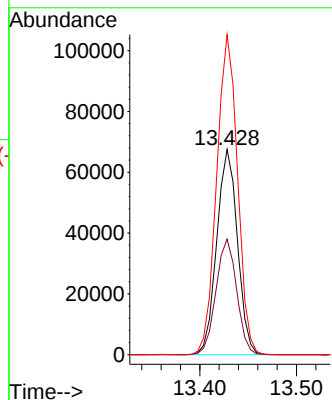
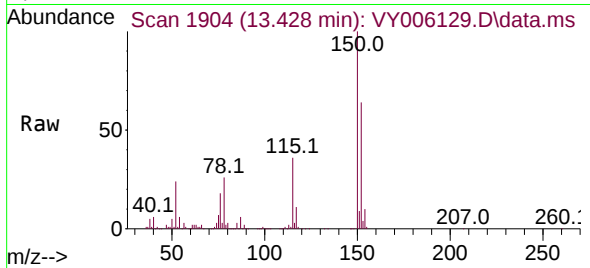


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006129.D
 Acq: 24 Sep 2021 10:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0924SBL01

Tgt Ion:152 Resp: 100319

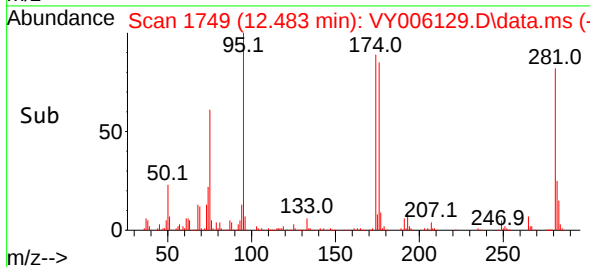
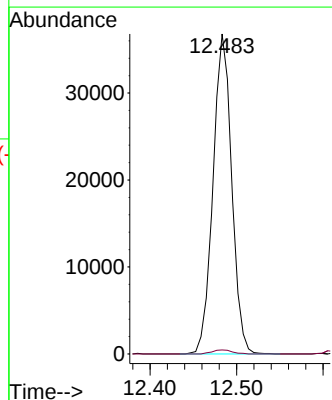
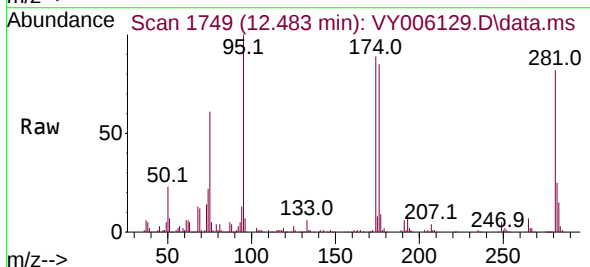
Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.7
150	157.2	0.0	347.6

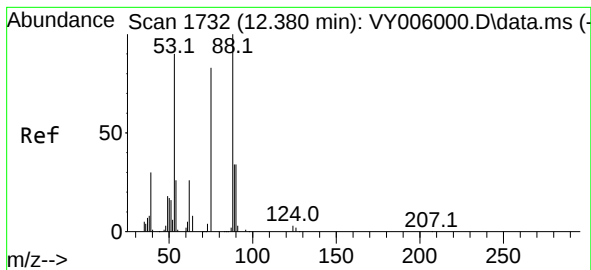


#76
 1,2,3-Trichloropropane
 Concen: 51.514 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006129.D
 Acq: 24 Sep 2021 10:50

Tgt Ion: 75 Resp: 55099

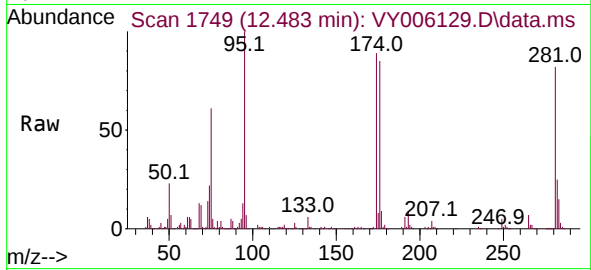
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.709 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006129.D
 Acq: 24 Sep 2021 10:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0924SBL01



Tgt Ion:	75	Resp:	55099
Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	1.3	37.0	55.4#

