

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004129.D
 Acq On : 19 Mar 2021 11:02
 Operator : SY/MD
 Sample : VY0319SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBL01

Quant Time: Mar 20 03:11:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

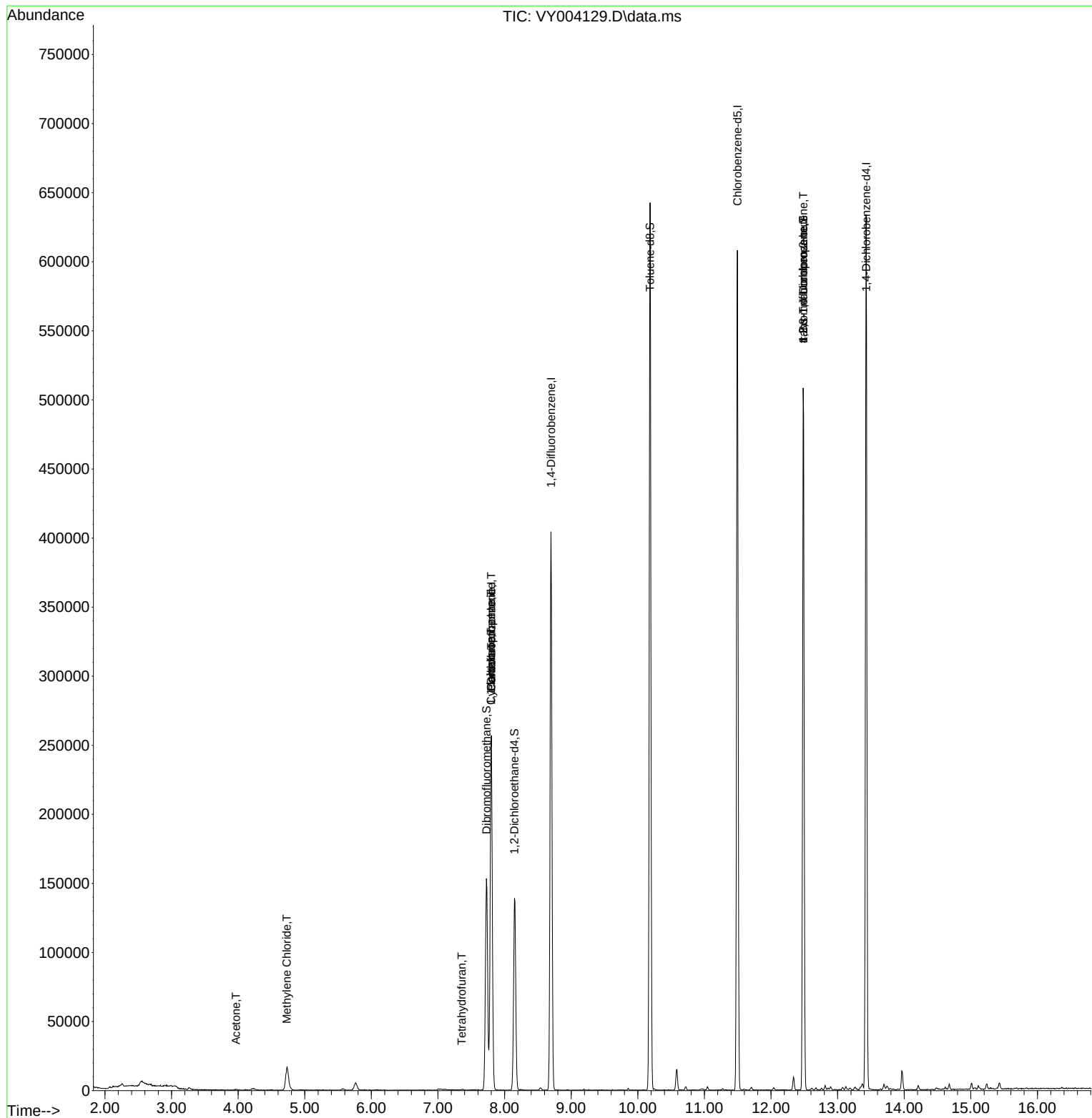
Internal Standards						
1) Pentafluorobenzene	7.801	168	204246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	345534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	325842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	108728	53.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.88%
35) Dibromofluoromethane	7.728	113	106449	54.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.26%
50) Toluene-d8	10.185	98	414979	54.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.64%
62) 4-Bromofluorobenzene	12.483	95	148816	52.75	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.50%
Target Compounds						
2) Dichlorodifluoromethane	1.918	85	232	Below Cal	#	41
3) Chloromethane	2.119	50	690	Below Cal		100
16) Acetone	3.966	43	894	1.84	ug/l	90
20) Methylene Chloride	4.728	84	12847	1.72	ug/l	88
29) Tetrahydrofuran	7.356	42	462	1.01	ug/l #	50
31) Cyclohexane	7.795	56	4127	1.17	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14999	4.94	ug/l #	50
38) Carbon Tetrachloride	7.801	117	19880	6.17	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.794	63	47	Below Cal	#	47
76) 1,2,3-Trichloropropane	12.483	75	78149	51.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78149	102.33	ug/l #	13

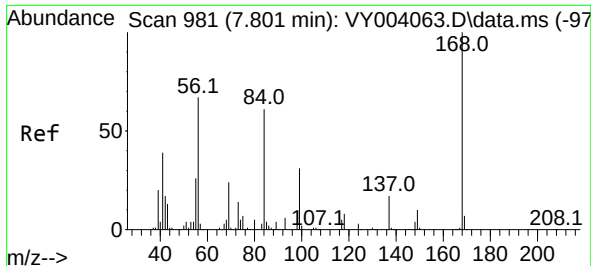
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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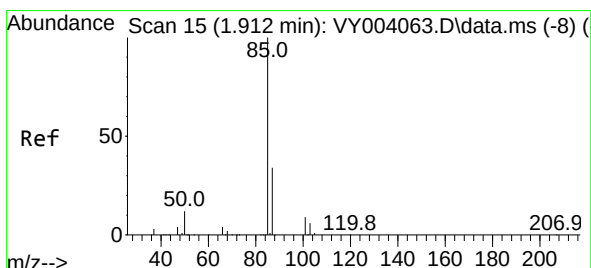
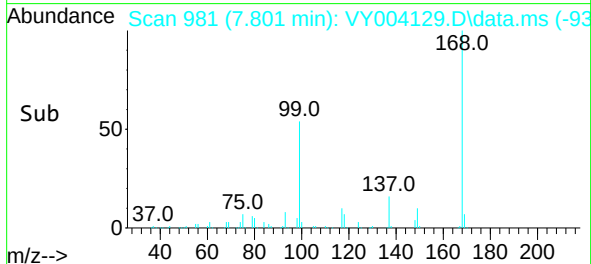
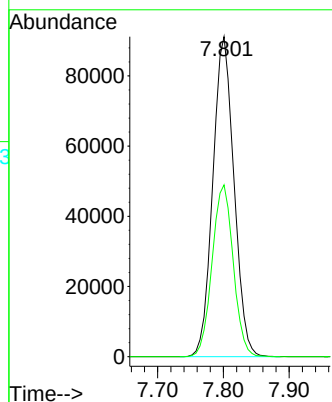
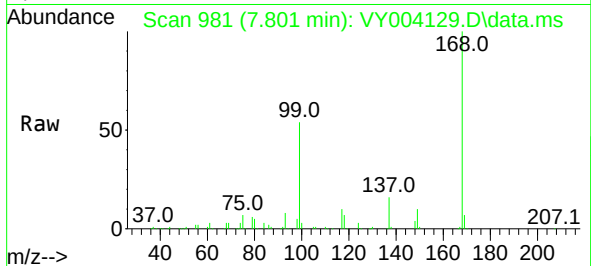




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

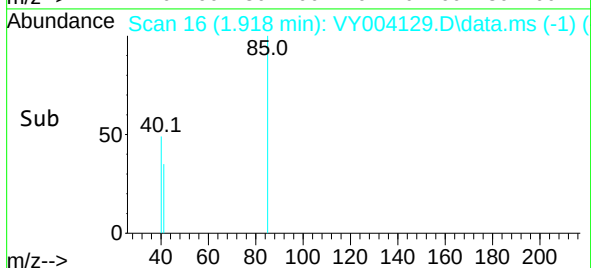
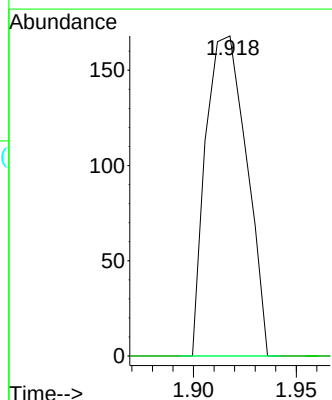
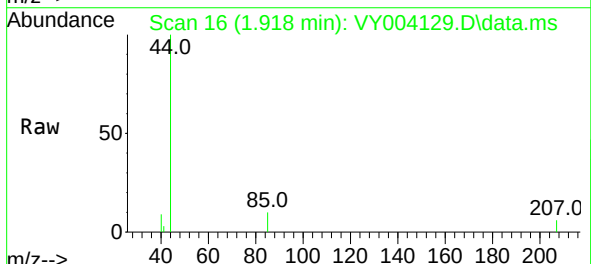
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

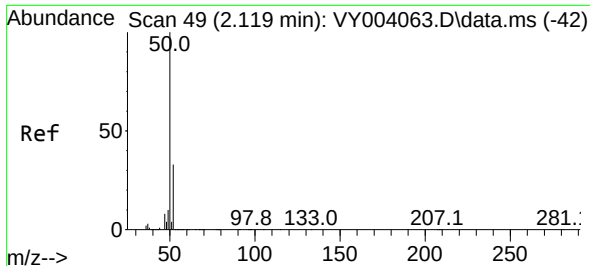
Tgt Ion:168 Resp: 204246
Ion Ratio Lower Upper
168 100
99 53.7 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

Tgt Ion: 85 Resp: 232
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

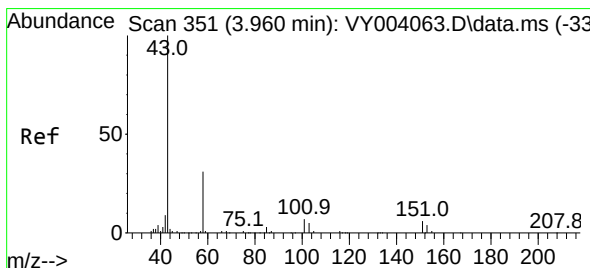
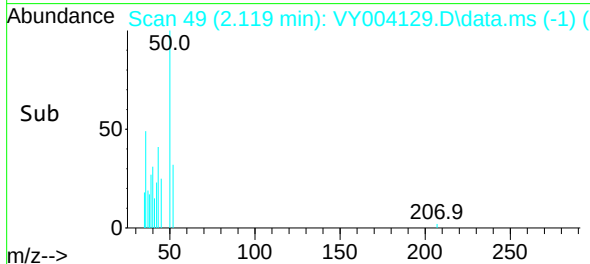
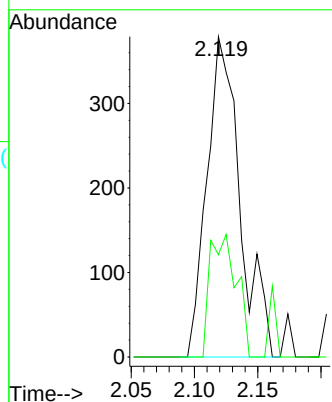
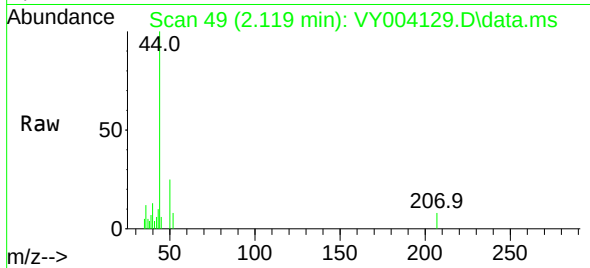




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

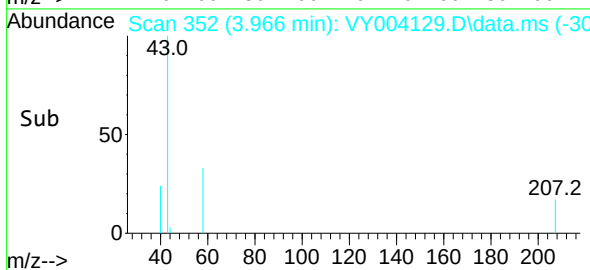
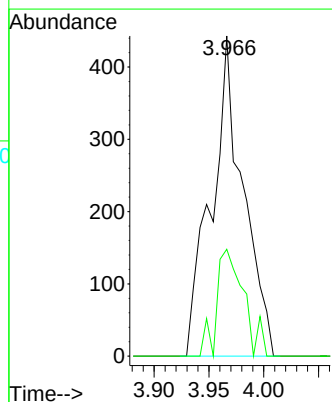
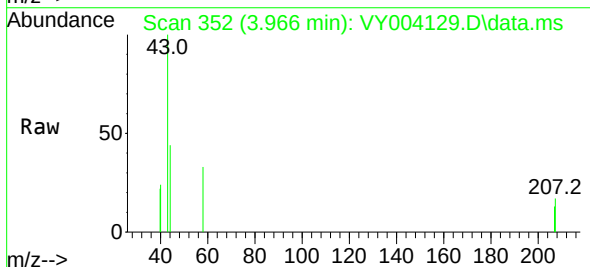
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

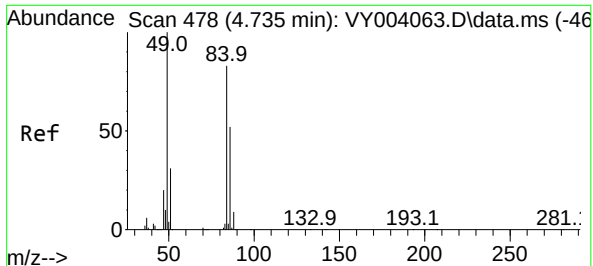
Tgt Ion: 50 Resp: 690
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#16
Acetone
Concen: 1.84 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 33.4 22.6 34.0





#20

Methylene Chloride

Concen: 1.72 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.007 min

Lab File: VY004129.D

Acq: 19 Mar 2021 11:02

Tgt Ion: 84 Resp: 12847

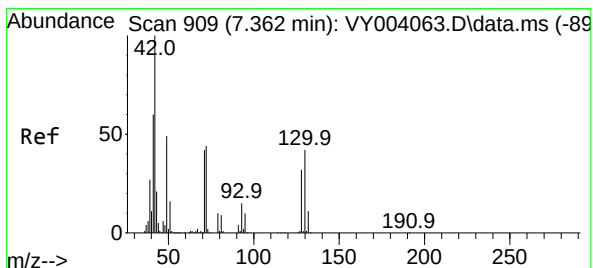
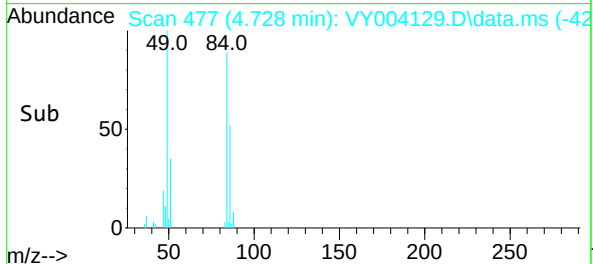
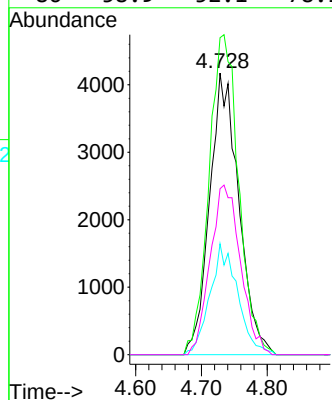
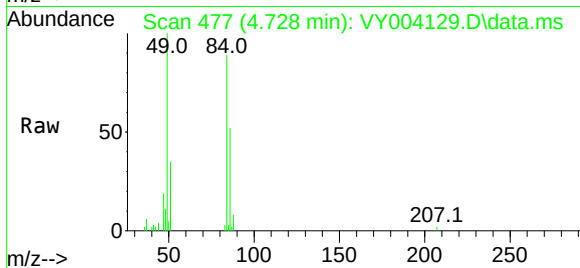
Ion Ratio Lower Upper

84 100

49 112.5 105.8 158.6

51 39.4 32.6 48.8

86 58.9 52.1 78.1



#29

Tetrahydrofuran

Concen: 1.01 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY004129.D

Acq: 19 Mar 2021 11:02

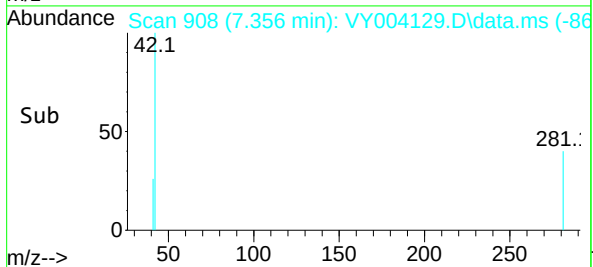
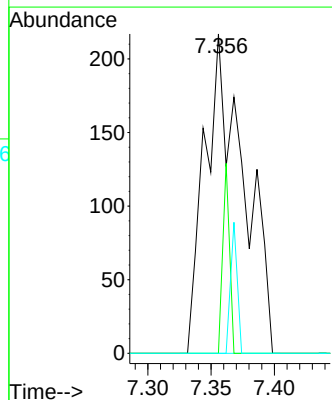
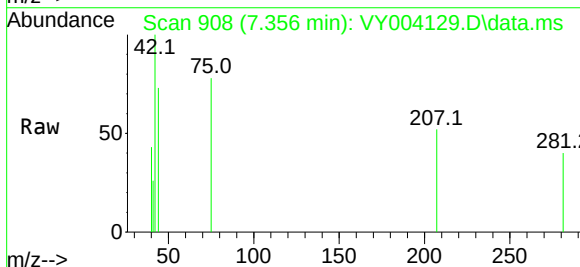
Tgt Ion: 42 Resp: 462

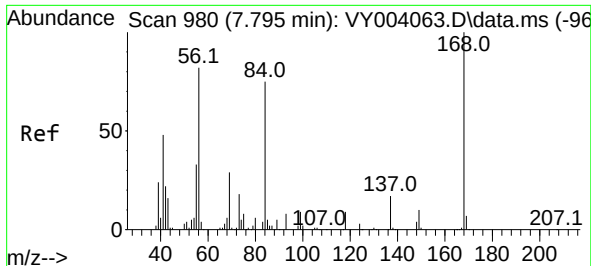
Ion Ratio Lower Upper

42 100

72 10.2 32.6 48.8#

71 7.1 31.0 46.6#

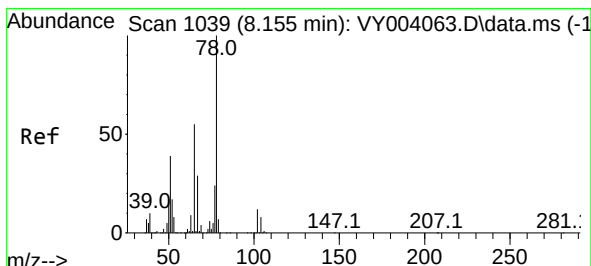
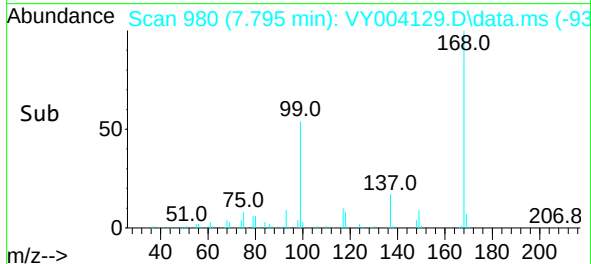
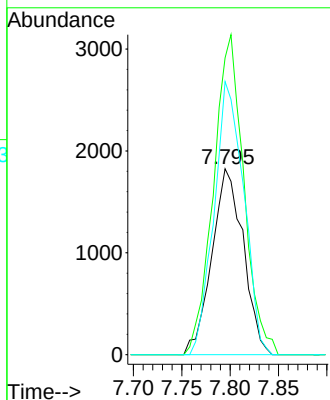
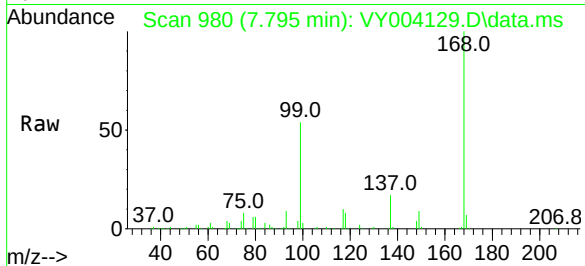




#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

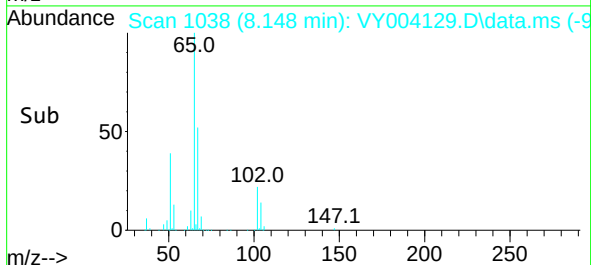
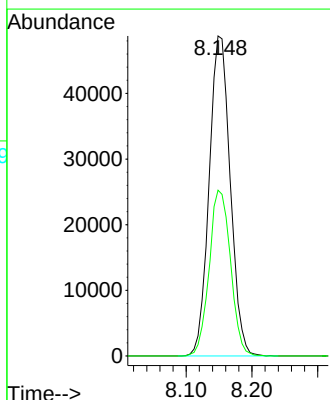
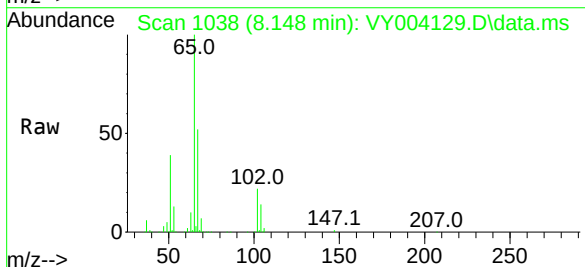
Instrument :
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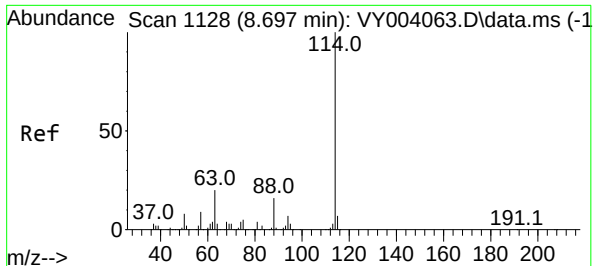
Tgt Ion: 56 Resp: 4127
Ion Ratio Lower Upper
56 100
69 159.6 25.3 37.9#
84 146.9 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 53.94 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

Tgt Ion: 65 Resp: 108728
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004129.D

Acq: 19 Mar 2021 11:02

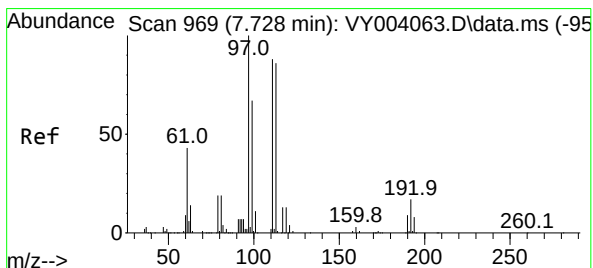
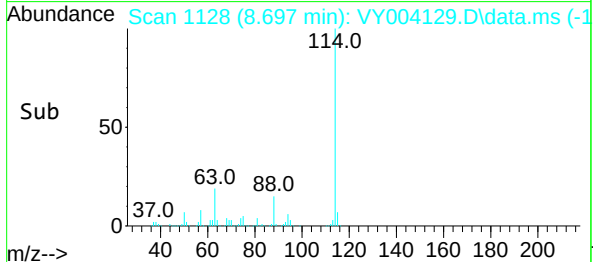
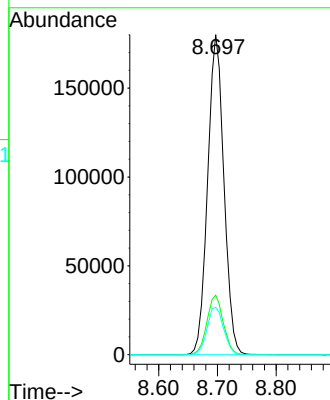
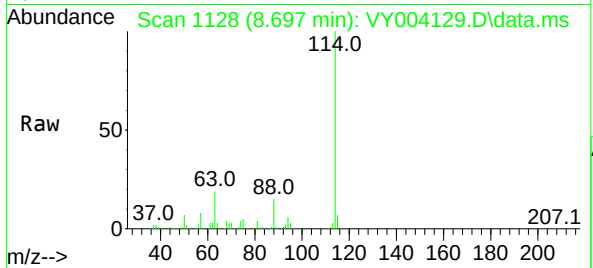
Tgt Ion:114 Resp: 345534

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.6

88 14.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.63 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004129.D

Acq: 19 Mar 2021 11:02

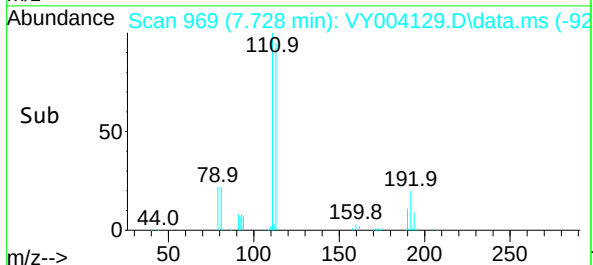
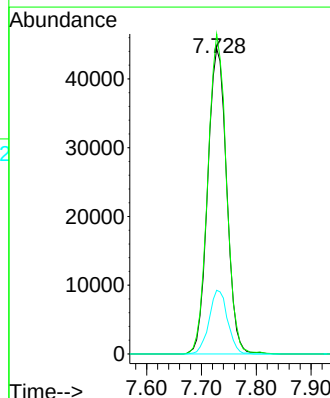
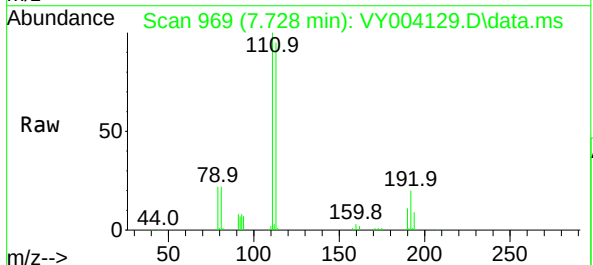
Tgt Ion:113 Resp: 106449

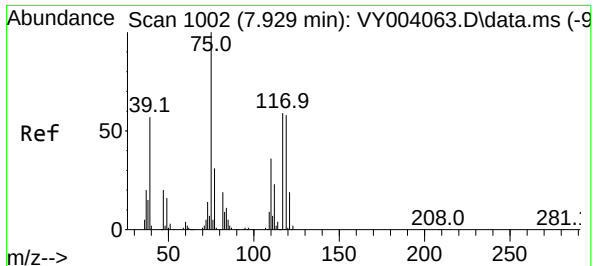
Ion Ratio Lower Upper

113 100

111 102.8 83.2 124.8

192 20.3 18.5 27.7

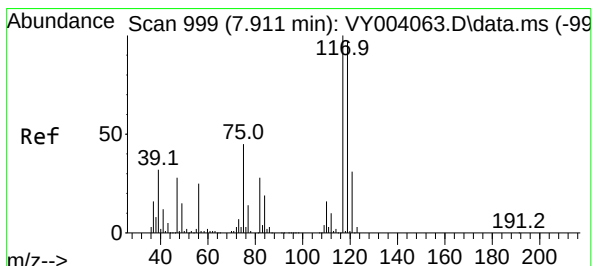
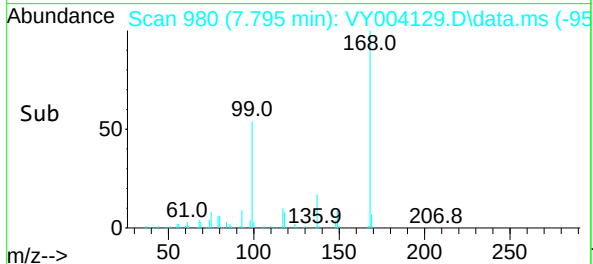
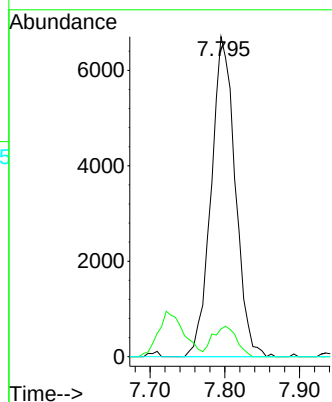
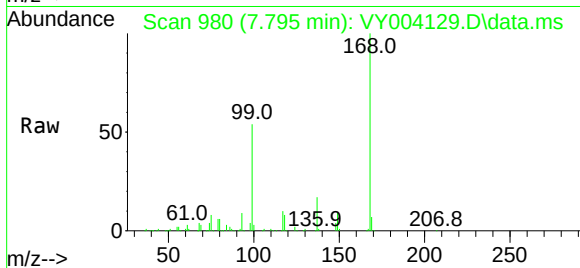




#36
 1,1-Dichloropropene
 Concen: 4.94 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.134 min
 Lab File: VY004129.D
 Acq: 19 Mar 2021 11:02

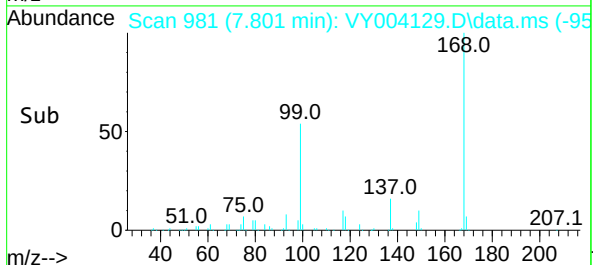
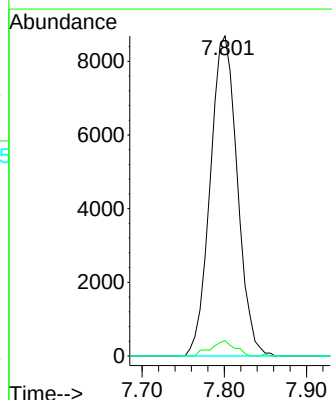
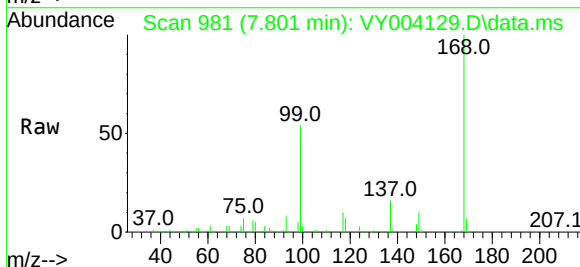
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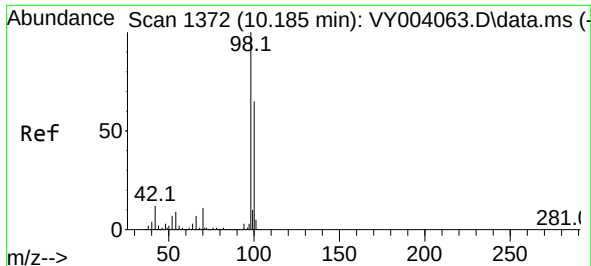
Tgt Ion: 75	Resp: 14999
Ion Ratio	Lower Upper
75 100	
110 9.5	17.4 52.3#
77 0.0	24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.17 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY004129.D
 Acq: 19 Mar 2021 11:02

Tgt Ion: 117	Resp: 19880
Ion Ratio	Lower Upper
117 100	
119 4.8	75.4 113.0#
121 0.0	24.2 36.2#

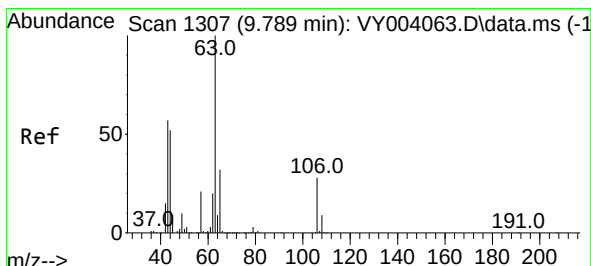
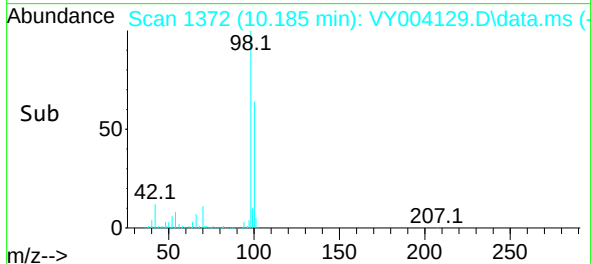
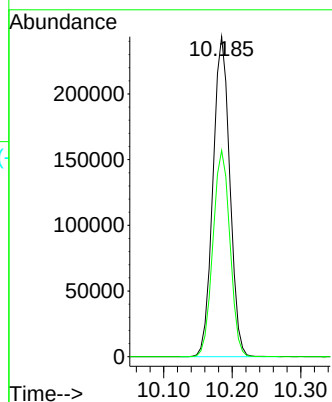
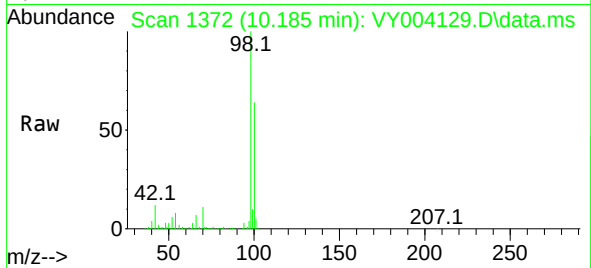




#50
Toluene-d8
Concen: 54.32 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

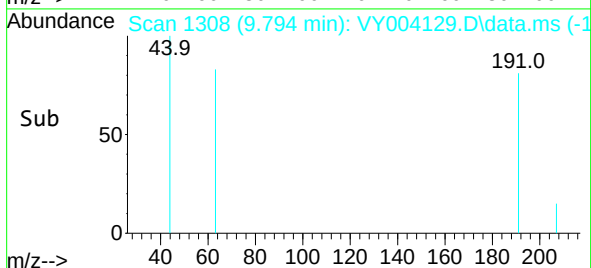
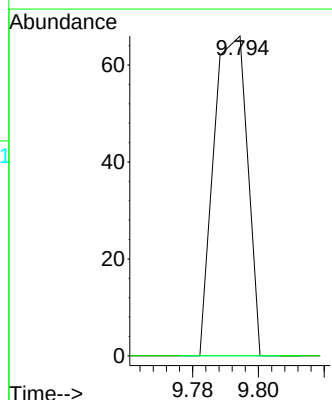
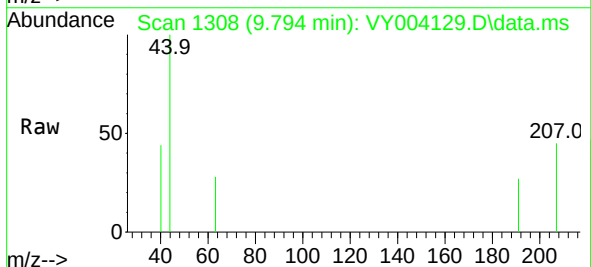
Instrument :
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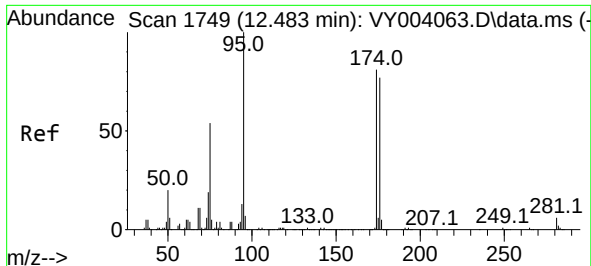
Tgt Ion: 98 Resp: 414979
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.794 min Scan# 1308
Delta R.T. 0.005 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

Tgt Ion: 63 Resp: 47
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#

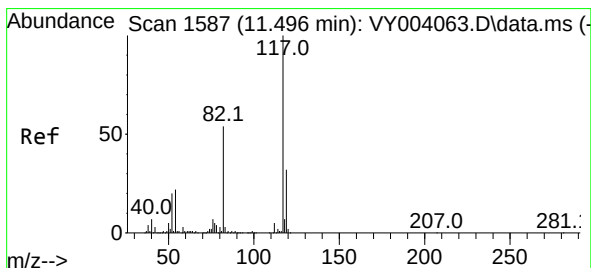
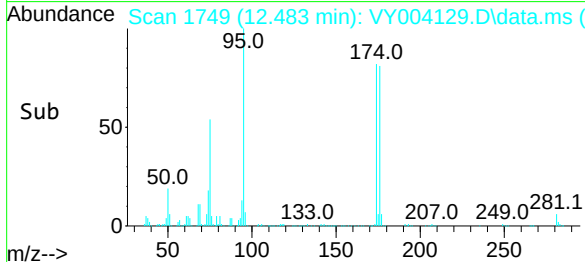
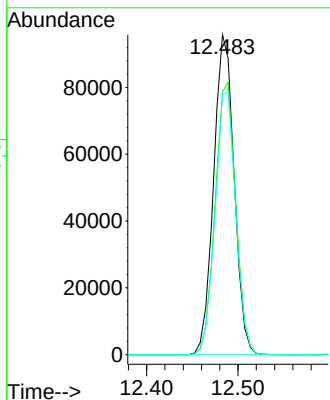
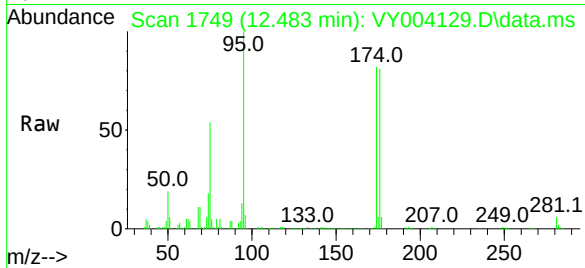




#62
4-Bromofluorobenzene
Concen: 52.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

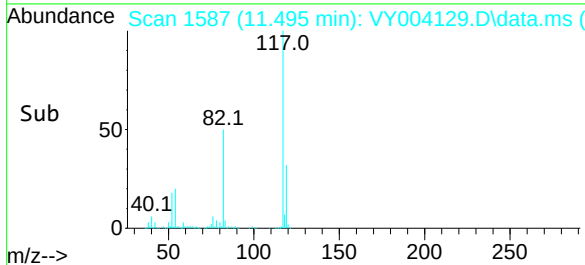
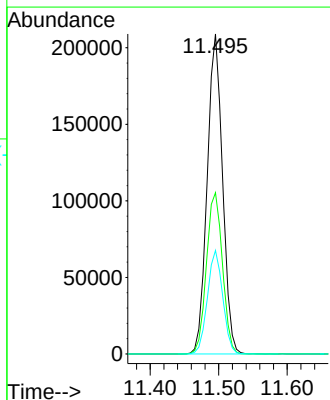
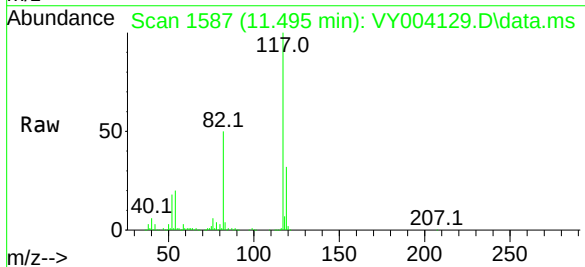
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

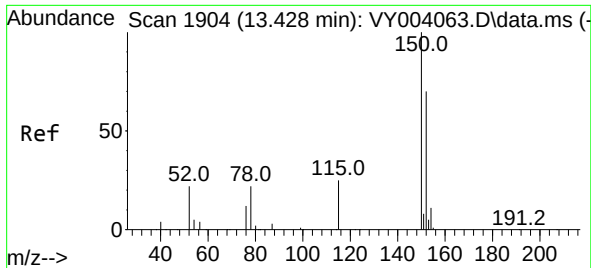
Tgt Ion: 95 Resp: 148816
Ion Ratio Lower Upper
95 100
174 86.4 0.0 179.0
176 83.0 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

Tgt Ion: 117 Resp: 325842
Ion Ratio Lower Upper
117 100
82 50.4 43.8 65.6
119 32.4 26.2 39.2

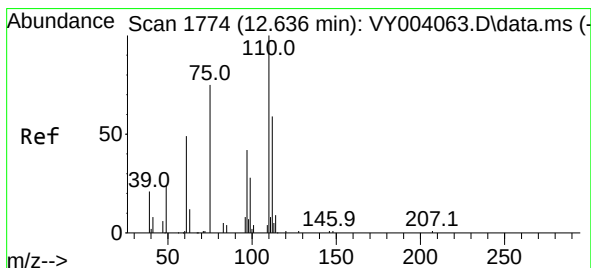
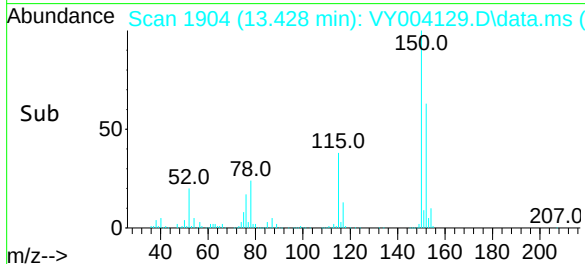
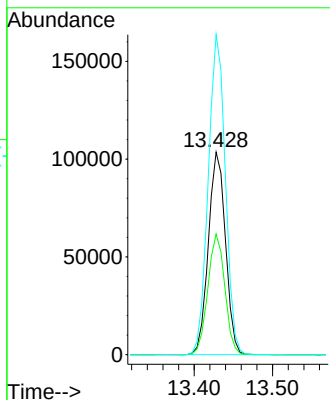
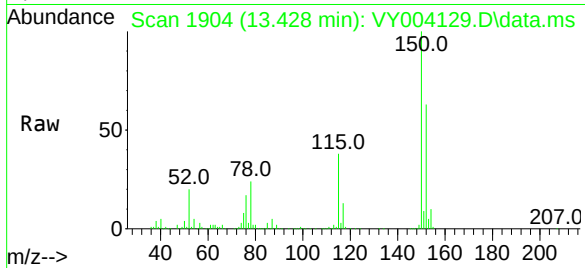




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

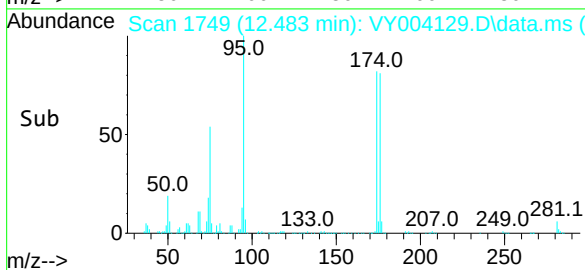
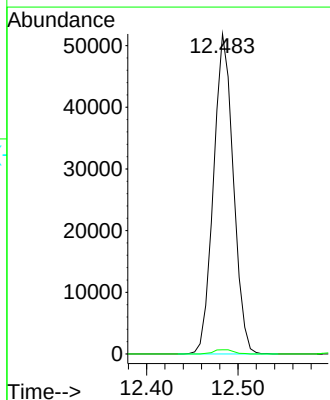
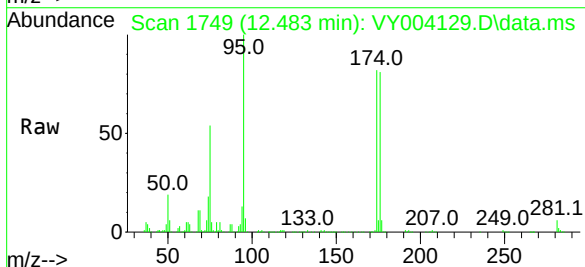
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

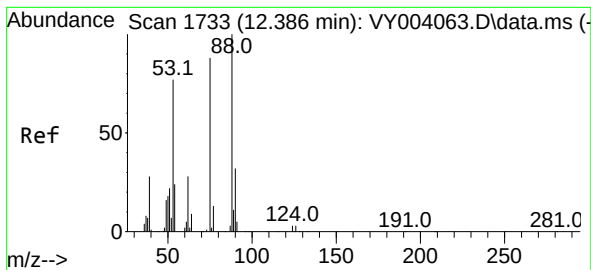
Tgt Ion:152 Resp: 157188
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.6
150 157.8 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 51.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004129.D
Acq: 19 Mar 2021 11:02

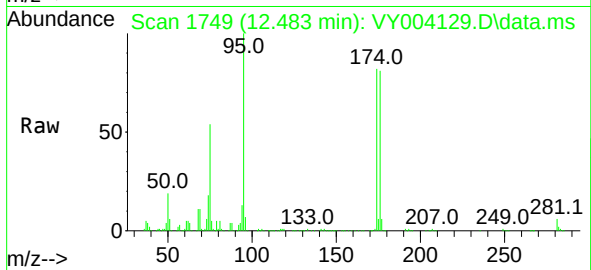
Tgt Ion: 75 Resp: 78149
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.33 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004129.D
 Acq: 19 Mar 2021 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBL01



Tgt Ion: 75 Resp: 78149
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.1 35.7 53.5#

