

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004133.D
 Acq On : 19 Mar 2021 12:51
 Operator : SY/MD
 Sample : M1723-01
 Misc : 5.82g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 24055

Quant Time: Mar 20 03:12:55 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

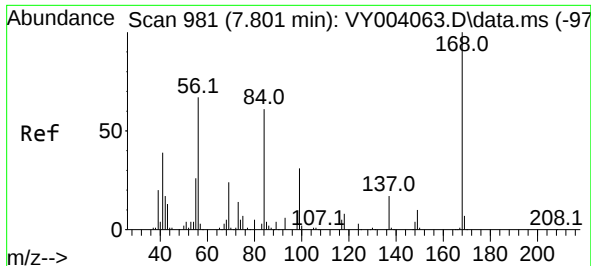
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	119071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	144406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	45406	38.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.28%
35) Dibromofluoromethane	7.728	113	48875	48.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.16%
50) Toluene-d8	10.185	98	206643	52.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.78%
62) 4-Bromofluorobenzene	12.483	95	60142	41.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.56%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	302	Below Cal	#	83
11) Tert butyl alcohol	4.954	59	214	2.01 ug/l	#	76
16) Acetone	3.954	43	1101	3.88 ug/l	#	84
20) Methylene Chloride	4.741	84	7118	1.35 ug/l	#	89
31) Cyclohexane	7.789	56	2325	1.13 ug/l	#	18
36) 1,1-Dichloropropene	7.801	75	8724	5.57 ug/l	#	51
38) Carbon Tetrachloride	7.801	117	11293	6.79 ug/l	#	16
76) 1,2,3-Trichloropropane	12.483	75	34439	58.61 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34439	115.68 ug/l	#	14

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

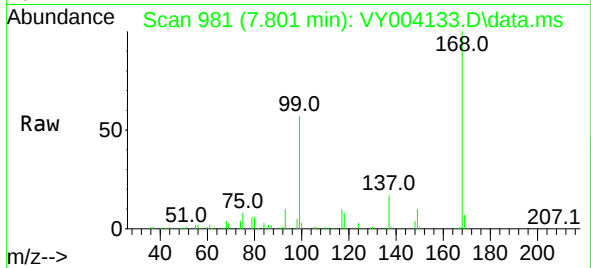
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration



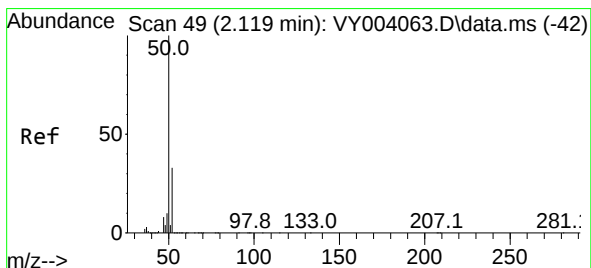
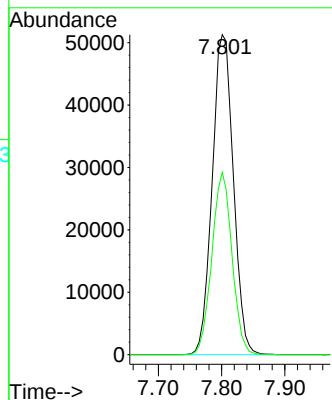
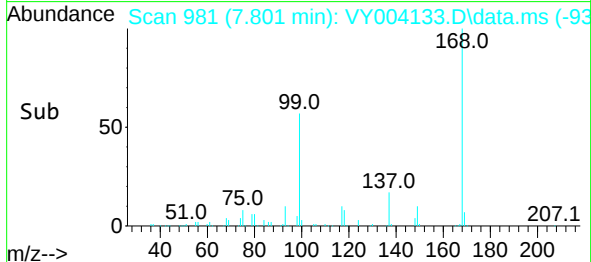


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51

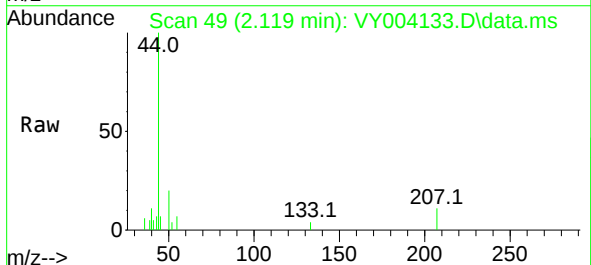
Instrument :
MSVOA_Y
ClientSampleId :
24055



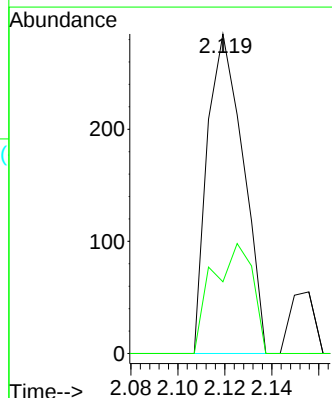
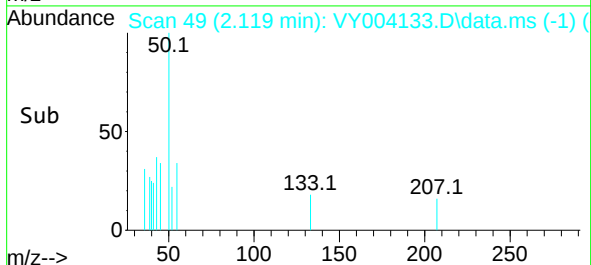
Tgt Ion:168 Resp: 119071
Ion Ratio Lower Upper
168 100
99 57.0 41.2 61.8

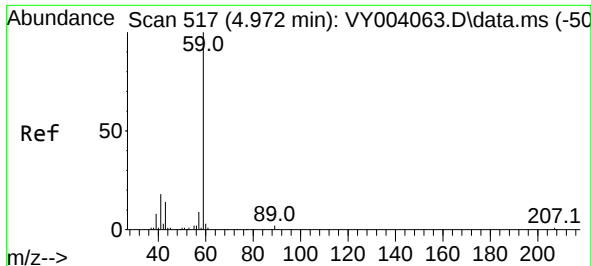


#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51



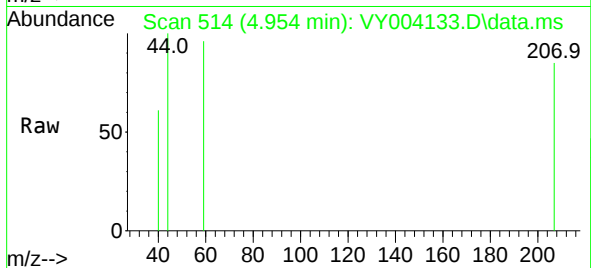
Tgt Ion: 50 Resp: 302
Ion Ratio Lower Upper
50 100
52 22.5 25.4 38.2#



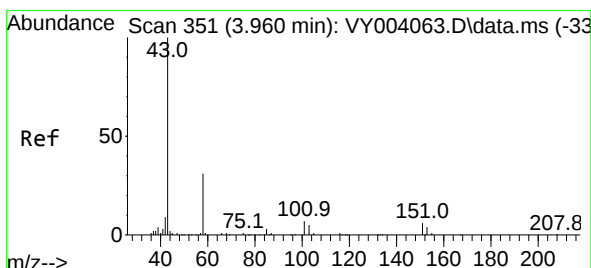
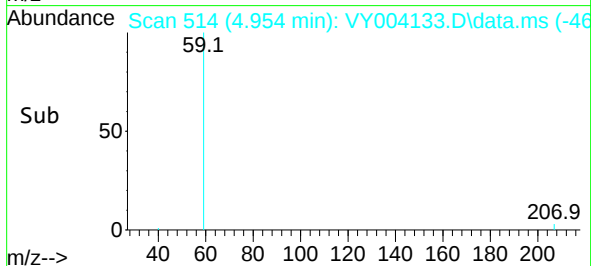
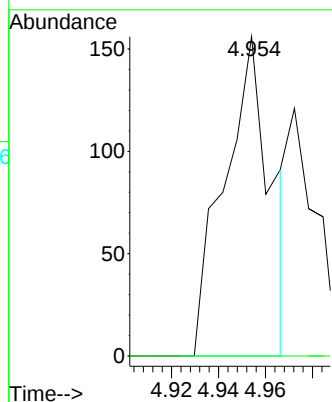


#11
Tert butyl alcohol
Concen: 2.01 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51

Instrument :
MSVOA_Y
ClientSampled :
24055

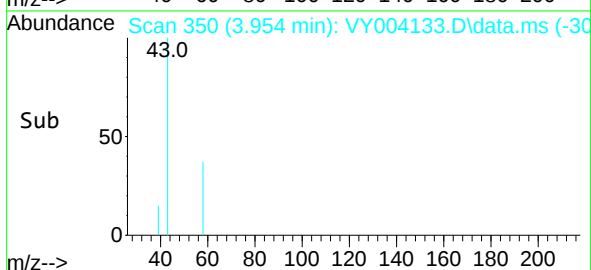
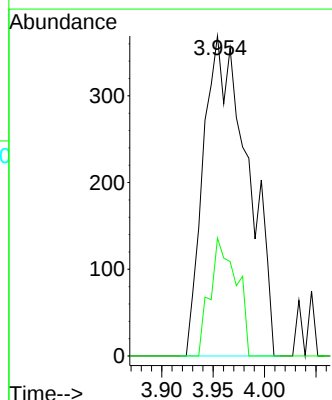
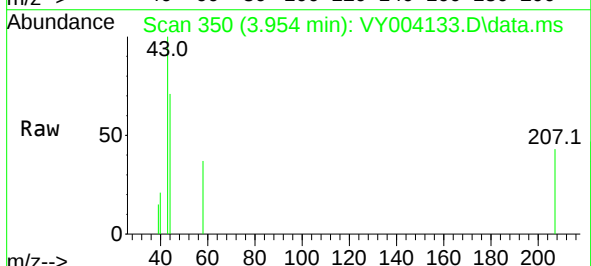


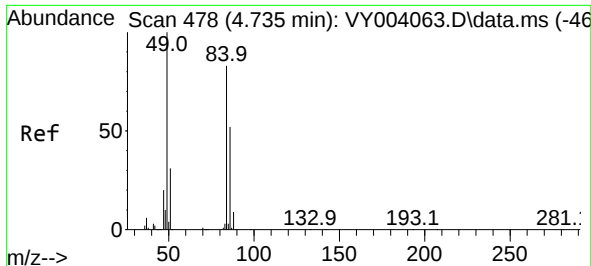
Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#16
Acetone
Concen: 3.88 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51

Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 36.9 22.6 34.0#





#20

Methylene Chloride

Concen: 1.35 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY004133.D

Acq: 19 Mar 2021 12:51

Instrument :
MSVOA_Y
ClientSampled :
24055

Tgt Ion: 84 Resp: 7118

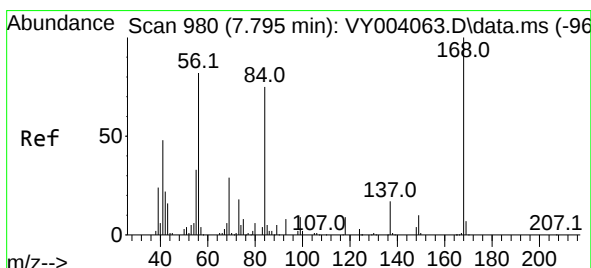
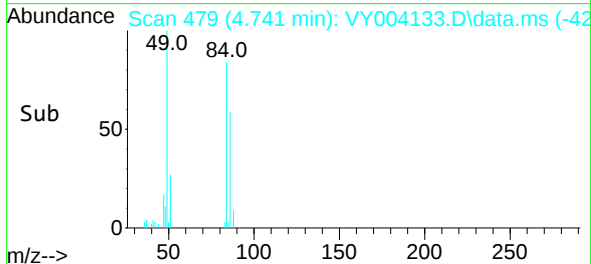
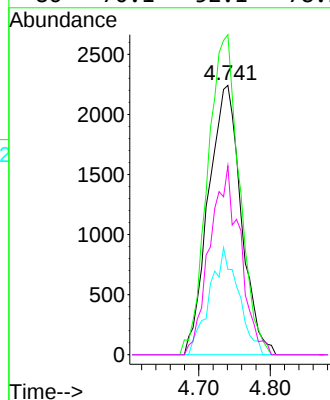
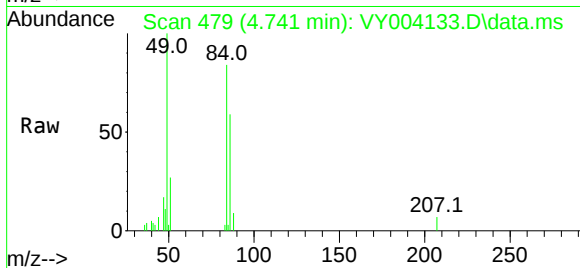
Ion Ratio Lower Upper

84 100

49 118.8 105.8 158.6

51 31.7 32.6 48.8#

86 70.1 52.1 78.1



#31

Cyclohexane

Concen: 1.13 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY004133.D

Acq: 19 Mar 2021 12:51

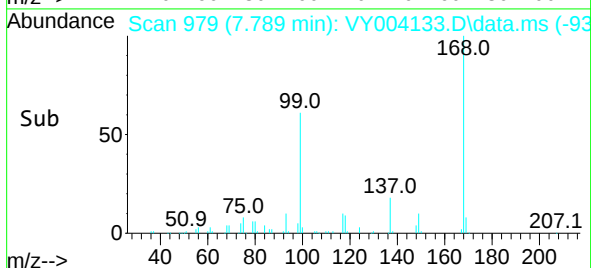
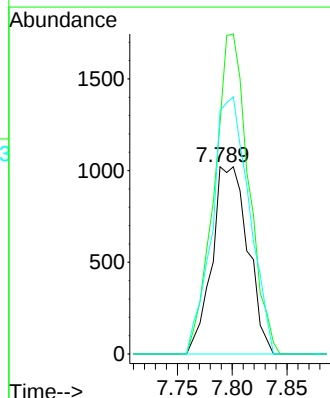
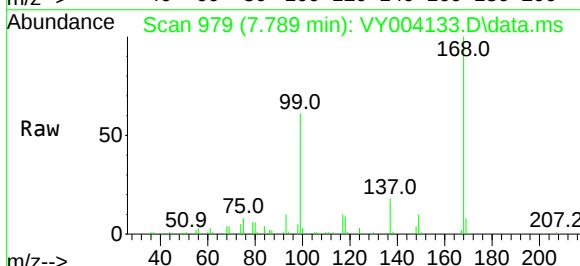
Tgt Ion: 56 Resp: 2325

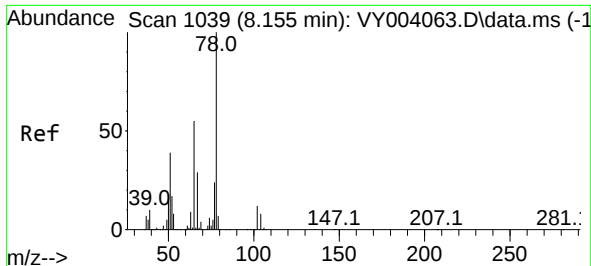
Ion Ratio Lower Upper

56 100

69 123.5 25.3 37.9#

84 130.0 67.3 100.9#

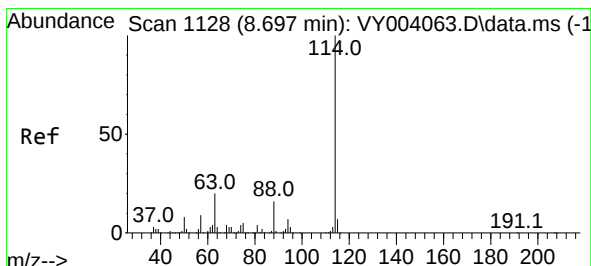
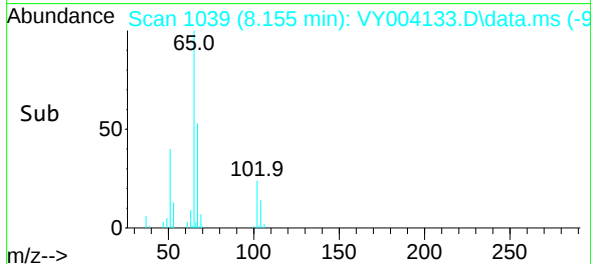
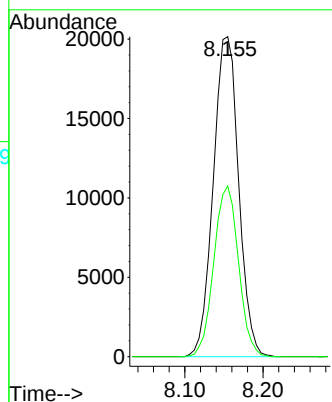
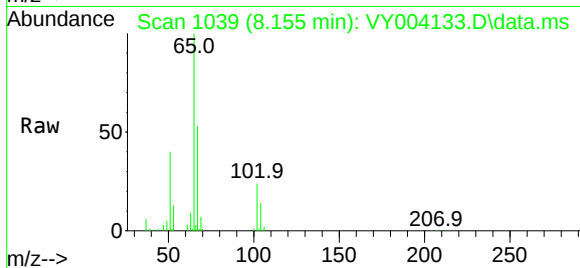




#33
1,2-Dichloroethane-d4
Concen: 38.64 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51

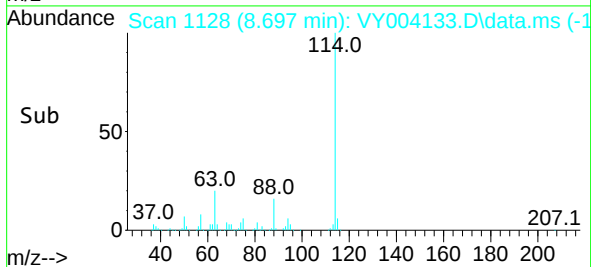
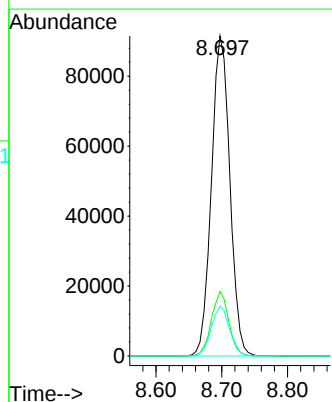
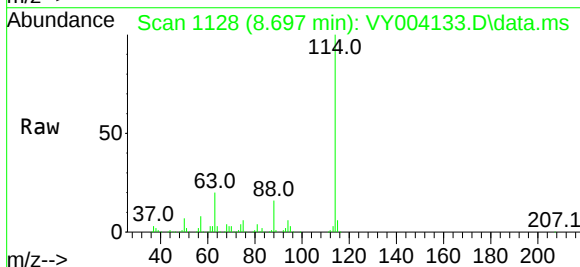
Instrument :
MSVOA_Y
ClientSampleId :
24055

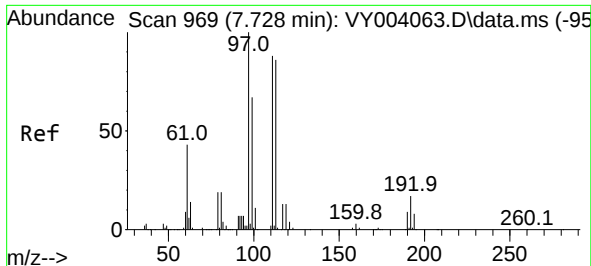
Tgt Ion: 65 Resp: 45406
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51

Tgt Ion: 114 Resp: 178416
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.58 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004133.D

Acq: 19 Mar 2021 12:51

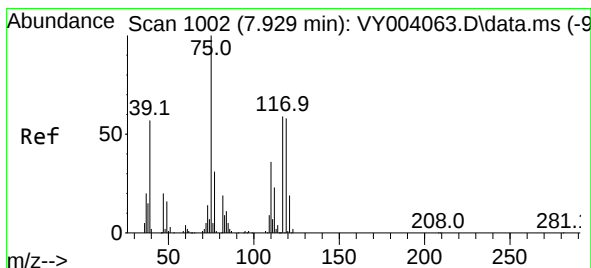
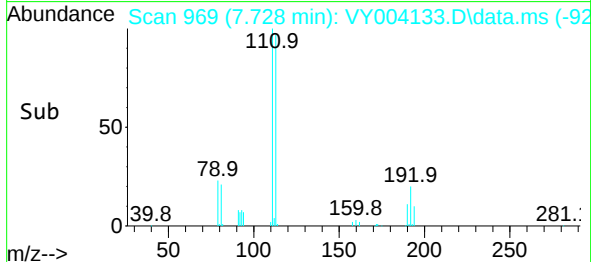
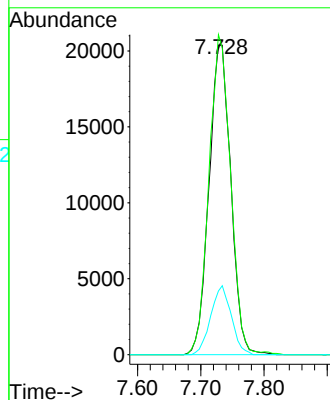
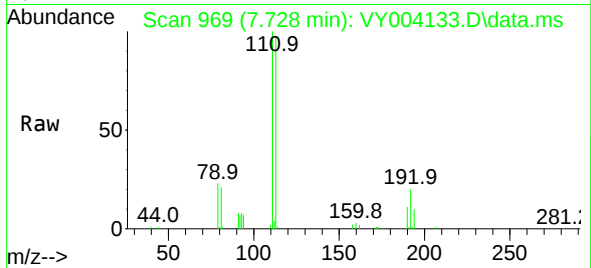
Tgt Ion:113 Resp: 48875

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

192 21.0 18.5 27.7



#36

1,1-Dichloropropene

Concen: 5.57 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY004133.D

Acq: 19 Mar 2021 12:51

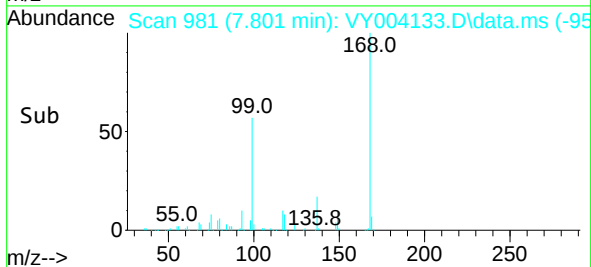
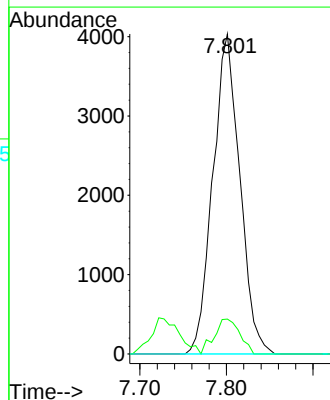
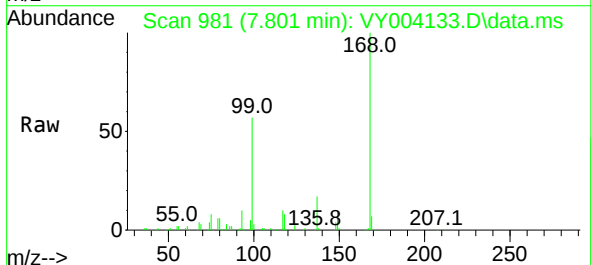
Tgt Ion: 75 Resp: 8724

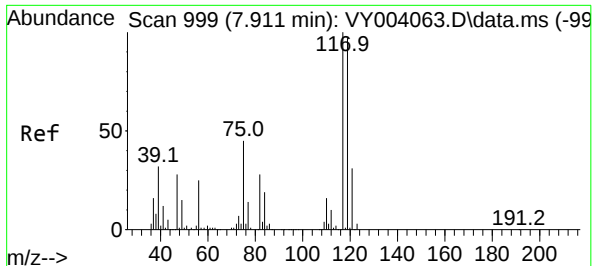
Ion Ratio Lower Upper

75 100

110 10.3 17.4 52.3#

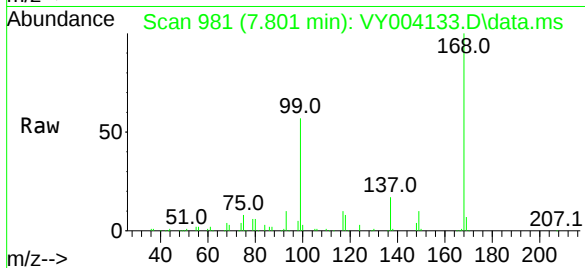
77 0.0 24.5 36.7#



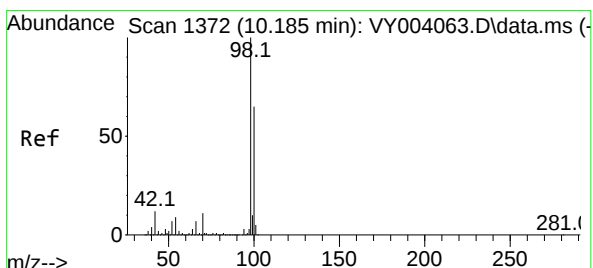
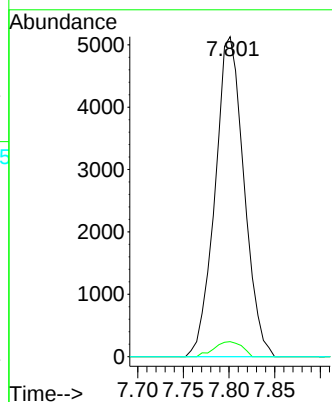
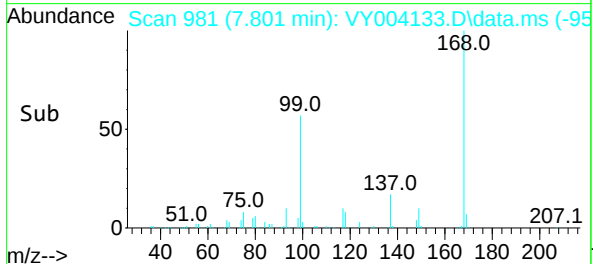


#38
Carbon Tetrachloride
Concen: 6.79 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51

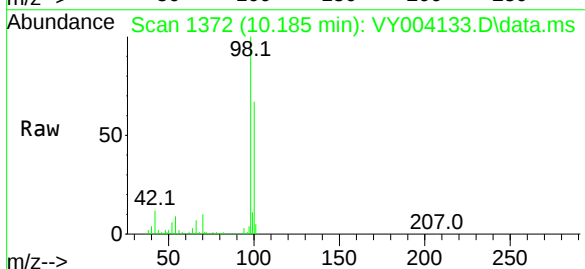
Instrument :
MSVOA_Y
ClientSampleId :
24055



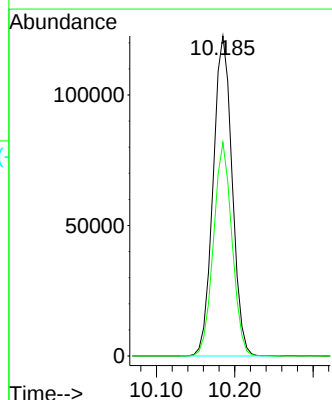
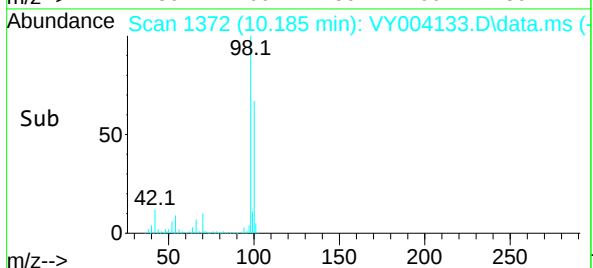
Tgt Ion:117 Resp: 11293
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 24.2 36.2#

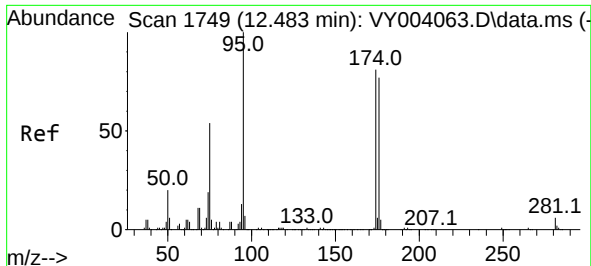


#50
Toluene-d8
Concen: 52.39 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51



Tgt Ion: 98 Resp: 206643
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

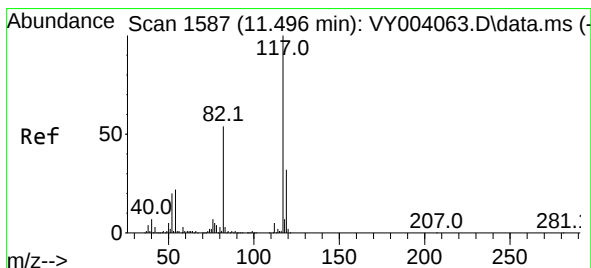
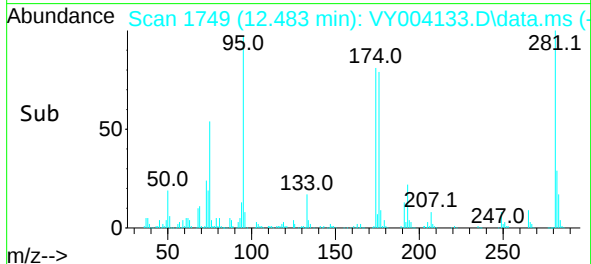
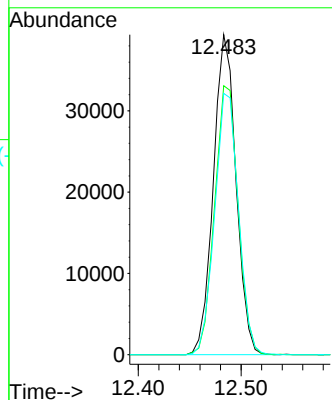
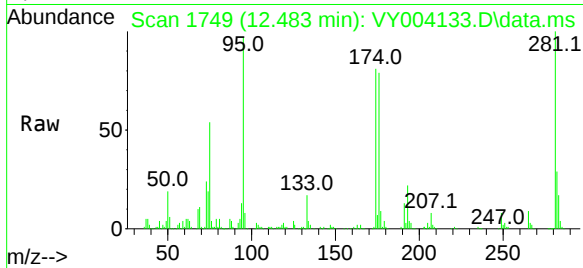




#62
4-Bromofluorobenzene
Concen: 41.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51

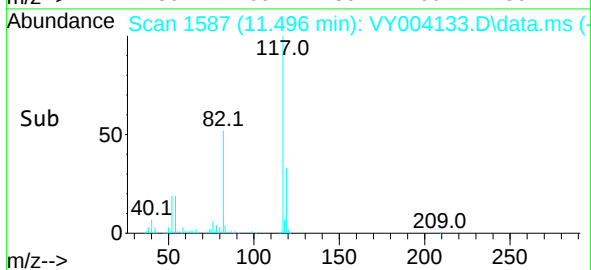
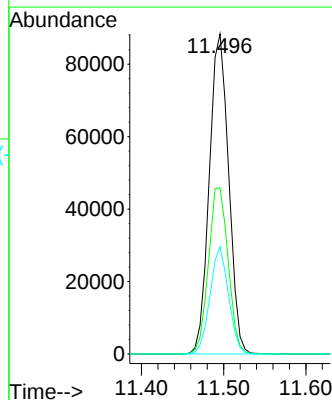
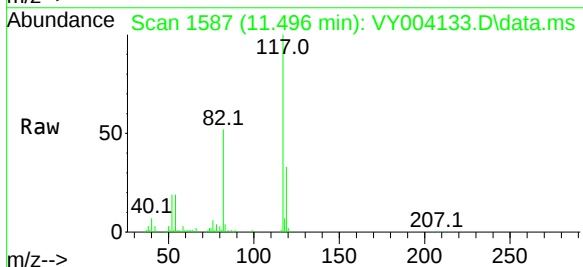
Instrument :
MSVOA_Y
ClientSampled :
24055

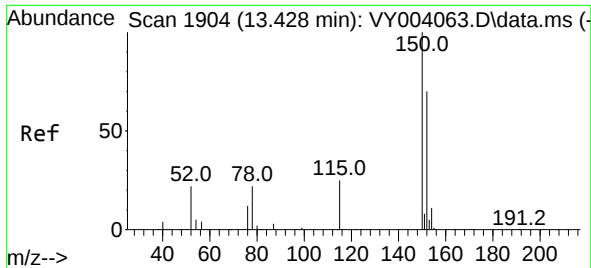
Tgt Ion: 95 Resp: 60142
Ion Ratio Lower Upper
95 100
174 87.4 0.0 179.0
176 85.8 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51

Tgt Ion: 117 Resp: 144406
Ion Ratio Lower Upper
117 100
82 52.0 43.8 65.6
119 33.5 26.2 39.2

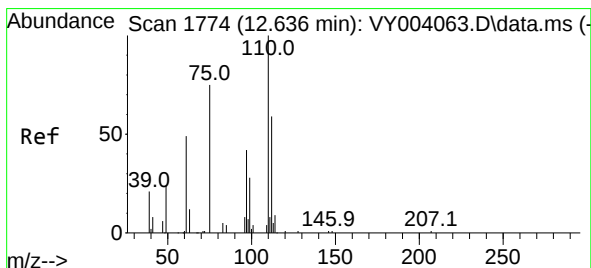
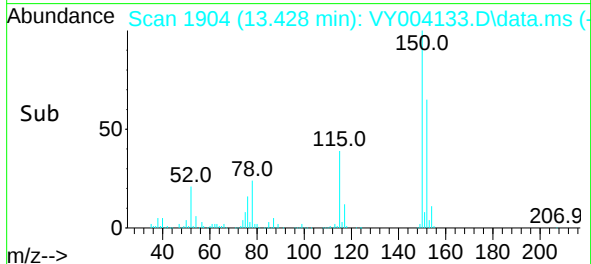
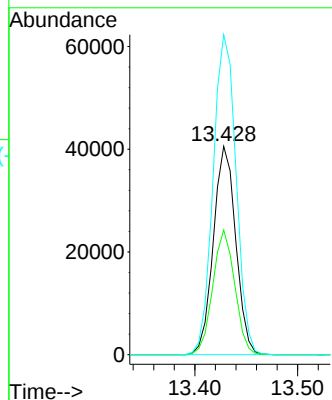
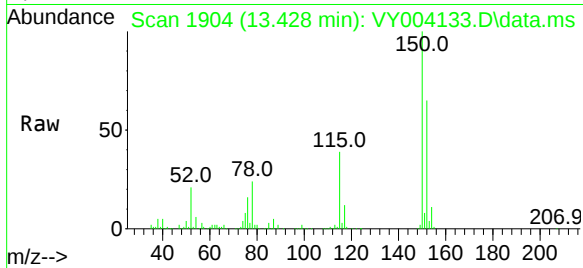




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51

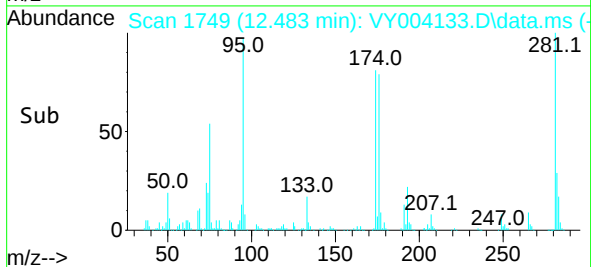
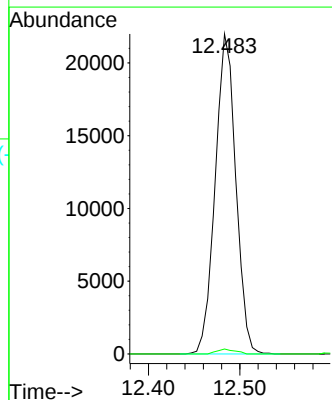
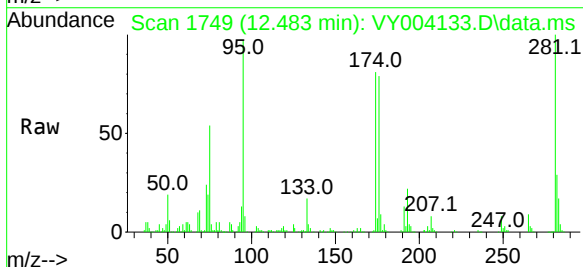
Instrument :
MSVOA_Y
ClientSampleId :
24055

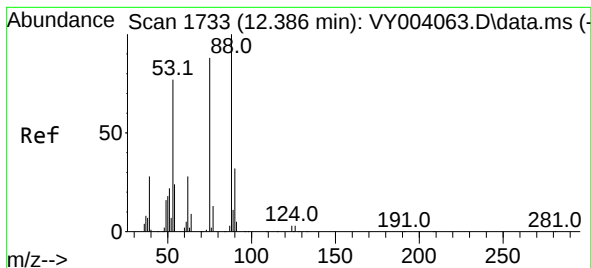
Tgt Ion:152 Resp: 61278
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.6
150 157.4 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 58.61 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004133.D
Acq: 19 Mar 2021 12:51

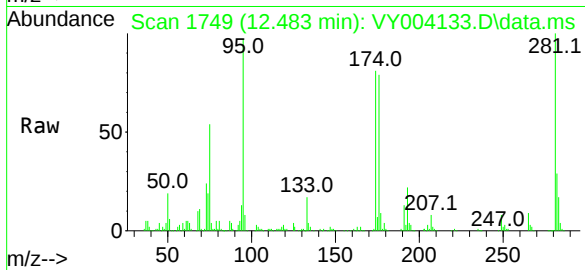
Tgt Ion: 75 Resp: 34439
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.68 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004133.D
 Acq: 19 Mar 2021 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 24055



Tgt Ion: 75 Resp: 34439
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.5 110.3#
 89 2.4 35.7 53.5#

