

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003982.D
 Acq On : 04 Feb 2021 00:04
 Operator : SY/MD
 Sample : M1291-18
 Misc : 5.11g/5mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-004-0510

Quant Time: Feb 04 01:26:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

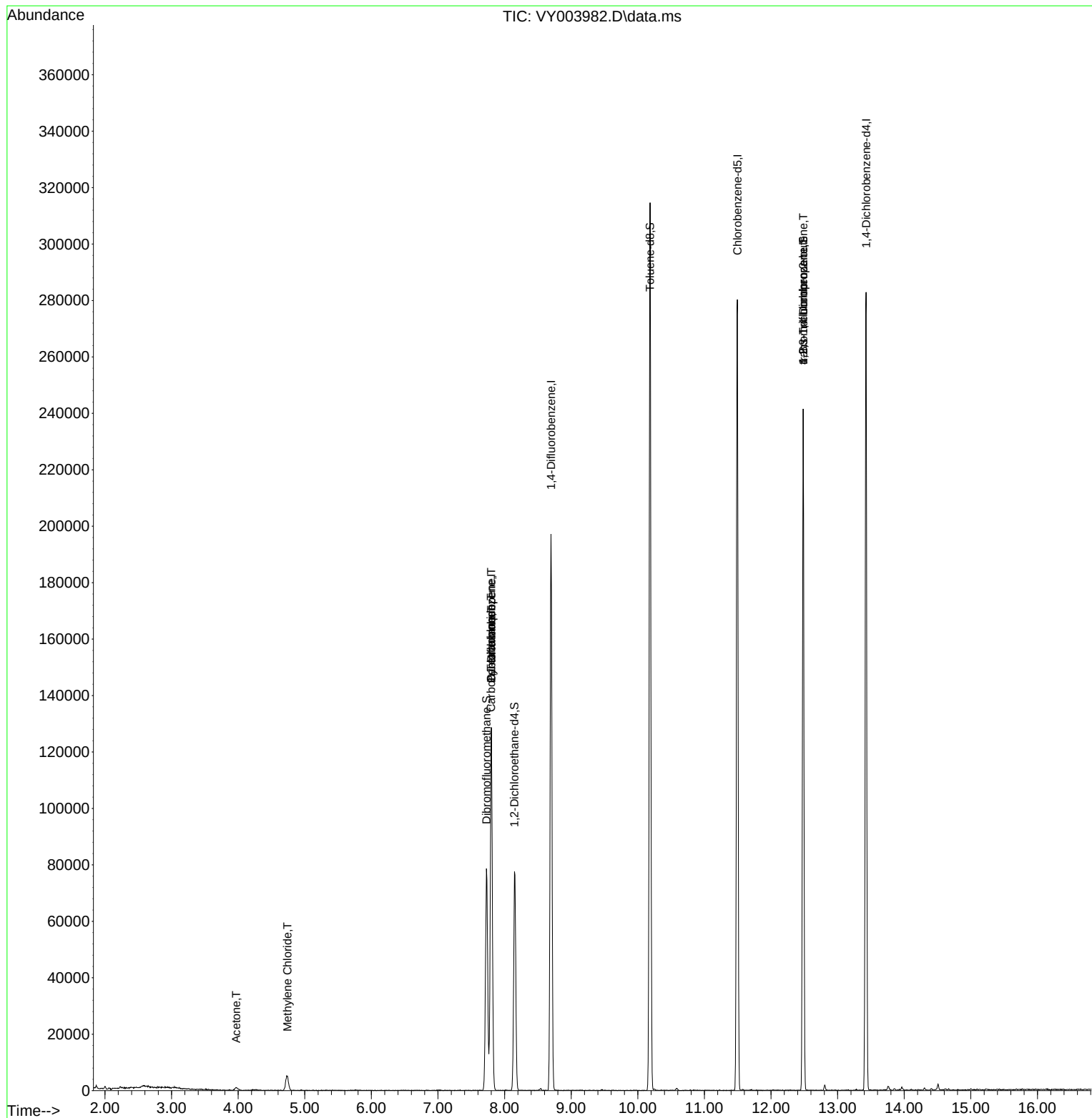
Internal Standards						
1) Pentafluorobenzene	7.801	168	100637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	163214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	155151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62673	56.63	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.26%			
35) Dibromofluoromethane	7.728	113	52994	55.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.06%			
50) Toluene-d8	10.185	98	198784	53.08	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.16%			
62) 4-Bromofluorobenzene	12.483	95	71314	52.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.48%			
Target Compounds						
11) Tert butyl alcohol	4.979	59	20	Below Cal	#	77
16) Acetone	3.973	43	1932	7.11	ug/l	94
20) Methylene Chloride	4.741	84	4138	3.59	ug/l #	82
31) Cyclohexane	7.801	56	1936	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6974	4.23	ug/l #	49
38) Carbon Tetrachloride	7.795	117	9361	5.25	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	37694	50.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37694	96.12	ug/l #	11

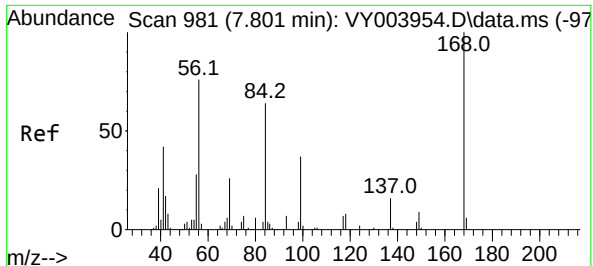
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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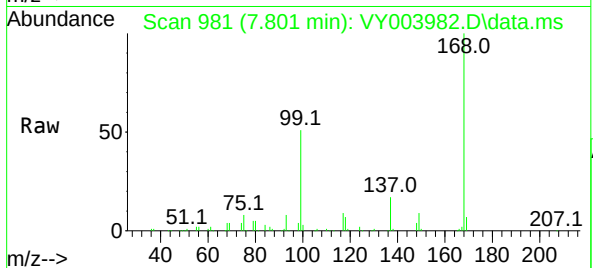
Quant Time: Feb 04 01:26:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 01 00:38:02 2021
Response via : Initial Calibration



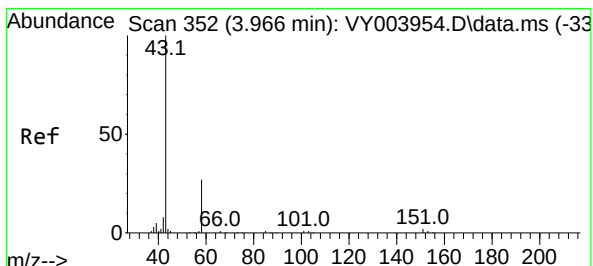
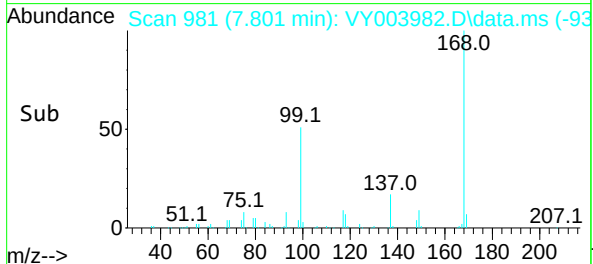
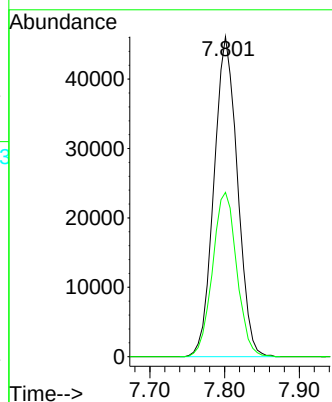


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003982.D
Acq: 04 Feb 2021 00:04

Instrument :
MSVOA_Y
ClientSampleId :
OU421-004-0510

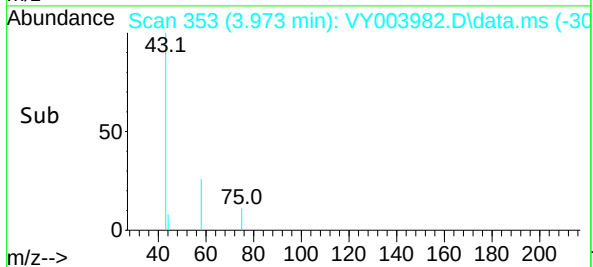
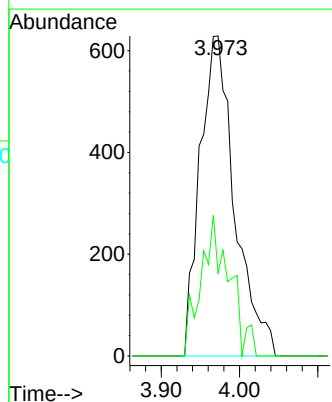
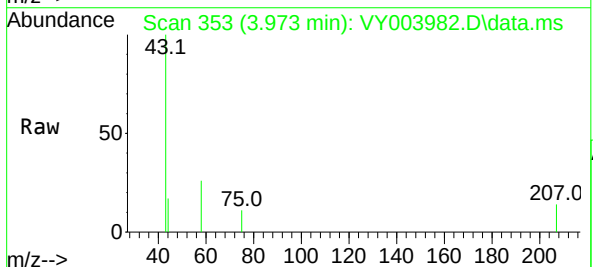


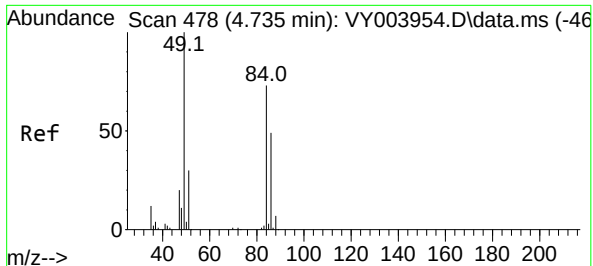
Tgt Ion:168 Resp: 100637
Ion Ratio Lower Upper
168 100
99 51.3 46.1 69.1



#16
Acetone
Concen: 7.11 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY003982.D
Acq: 04 Feb 2021 00:04

Tgt Ion: 43 Resp: 1932
Ion Ratio Lower Upper
43 100
58 25.9 23.4 35.0





#20

Methylene Chloride

Concen: 3.59 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY003982.D

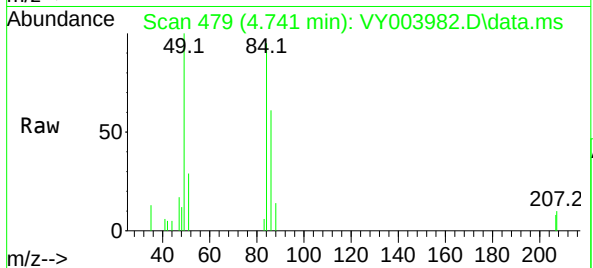
Acq: 04 Feb 2021 00:04

Instrument :

MSVOA_Y

ClientSampleId :

OU421-004-0510



Tgt Ion: 84 Resp: 4138

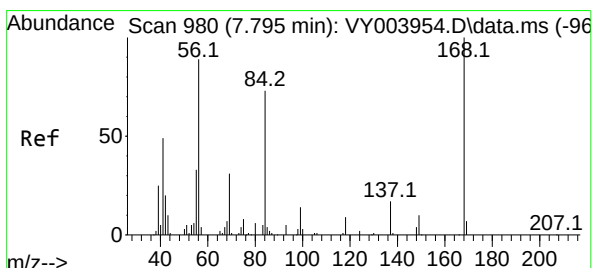
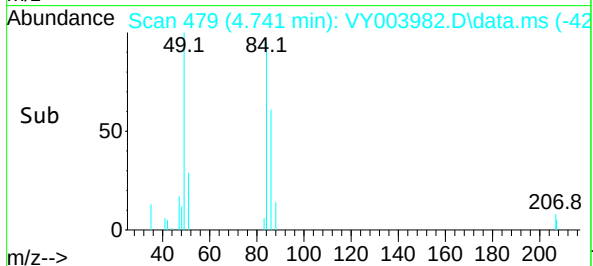
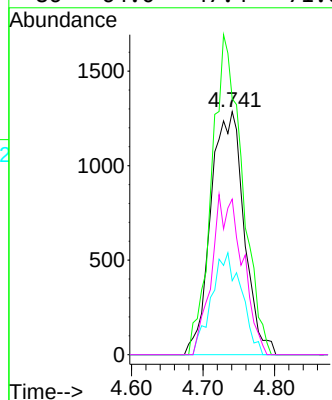
Ion Ratio Lower Upper

84 100

49 105.3 107.0 160.4#

51 30.4 31.9 47.9#

86 64.0 47.4 71.0



#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY003982.D

Acq: 04 Feb 2021 00:04

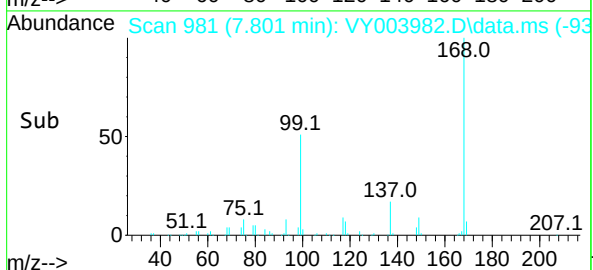
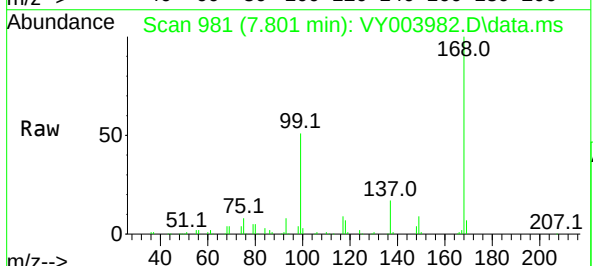
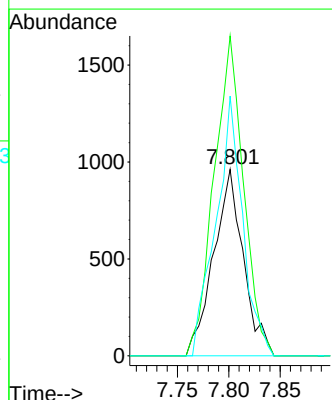
Tgt Ion: 56 Resp: 1936

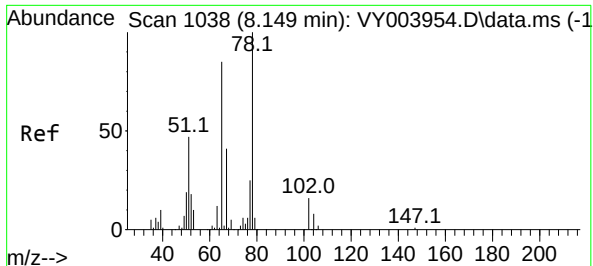
Ion Ratio Lower Upper

56 100

69 171.5 25.0 37.4#

84 139.3 64.5 96.7#





#33

1,2-Dichloroethane-d4

Concen: 56.63 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY003982.D

Acq: 04 Feb 2021 00:04

Tgt Ion: 65 Resp: 62673

Ion Ratio Lower Upper

65 100

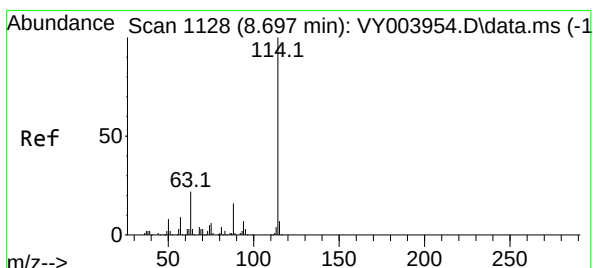
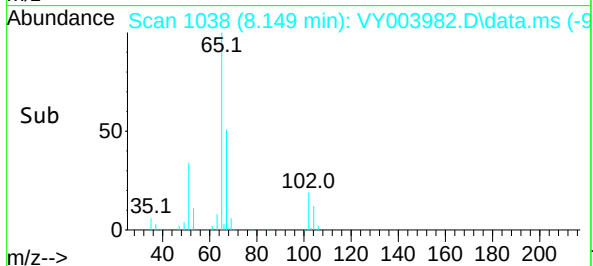
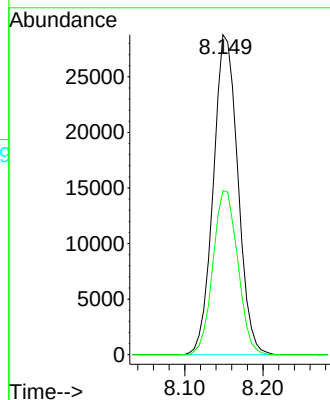
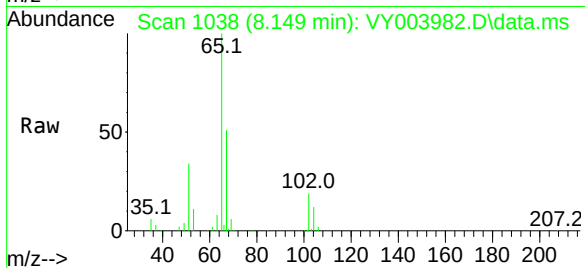
67 51.9 0.0 101.8

Instrument :

MSVOA_Y

ClientSampleId :

OU421-004-0510



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY003982.D

Acq: 04 Feb 2021 00:04

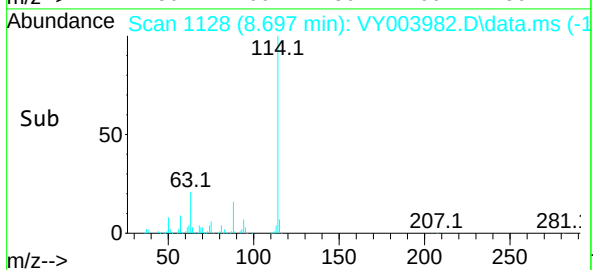
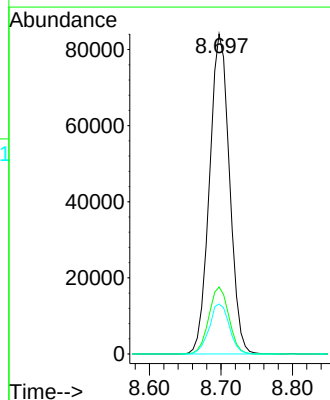
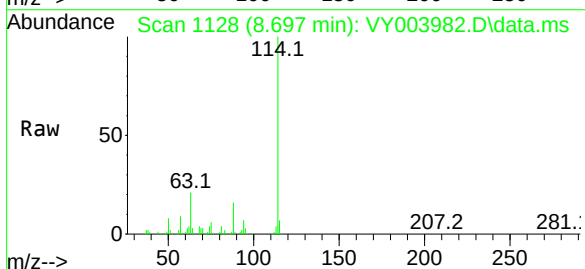
Tgt Ion:114 Resp: 163214

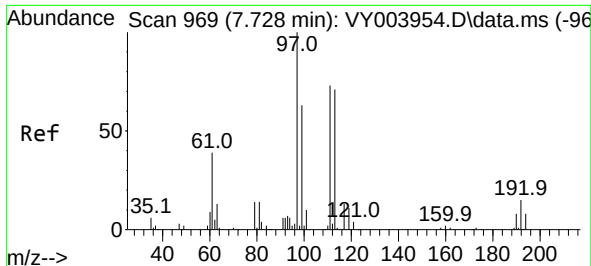
Ion Ratio Lower Upper

114 100

63 20.9 0.0 47.2

88 15.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.53 ug/l

RT: 7.728 min Scan# 969

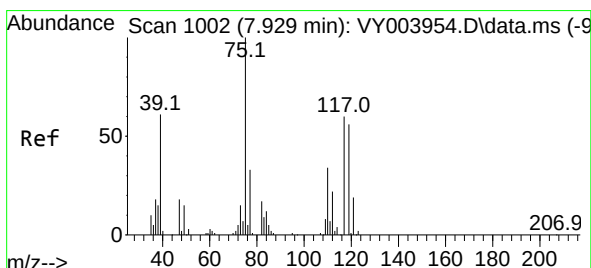
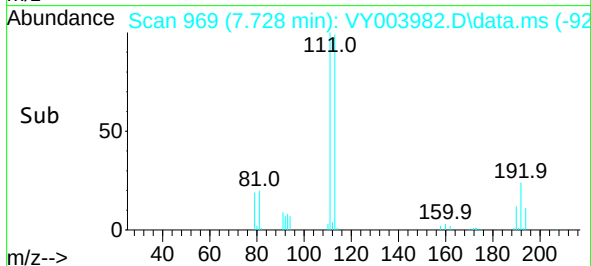
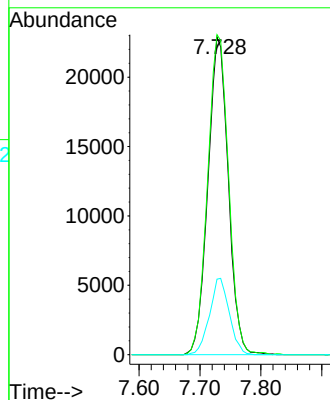
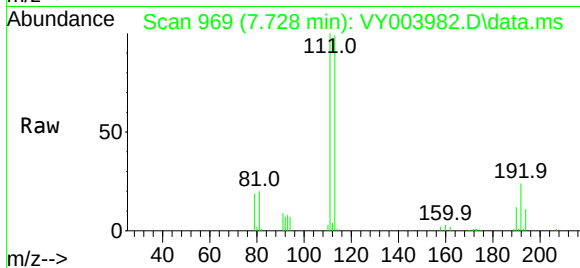
Delta R.T. 0.000 min

Lab File: VY003982.D

Acq: 04 Feb 2021 00:04

Tgt Ion:	113	Resp:	52994
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.4
192	23.4	18.3	27.5

Instrument :
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#36

1,1-Dichloropropene

Concen: 4.23 ug/l

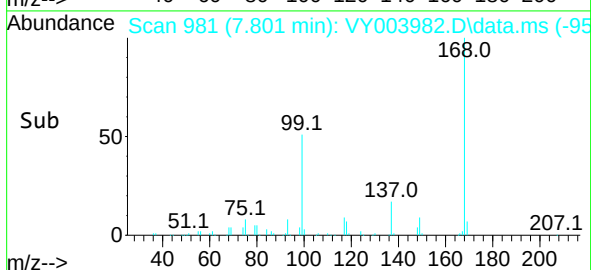
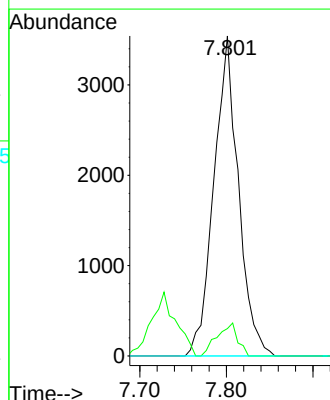
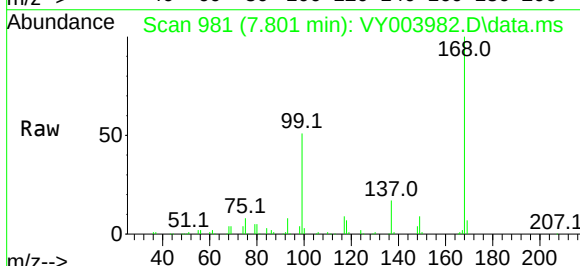
RT: 7.801 min Scan# 981

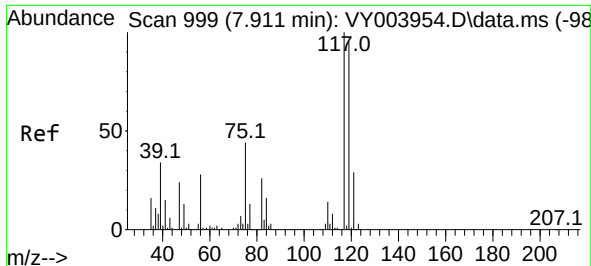
Delta R.T. -0.128 min

Lab File: VY003982.D

Acq: 04 Feb 2021 00:04

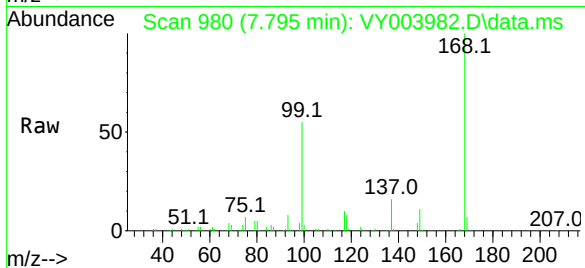
Tgt Ion:	75	Resp:	6974
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.9	53.8#
77	0.0	24.8	37.2#



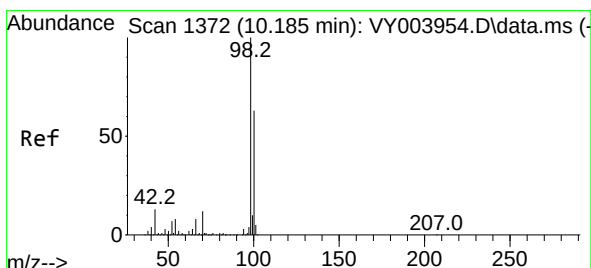
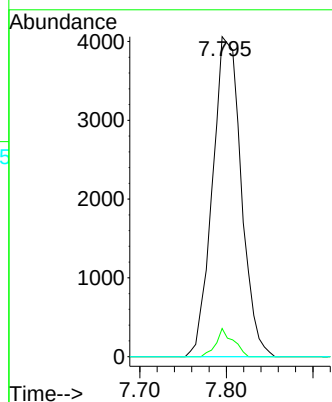
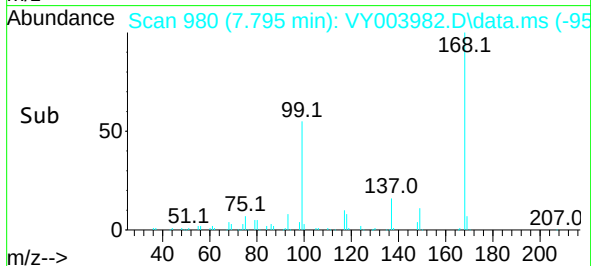


#38
Carbon Tetrachloride
Concen: 5.25 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003982.D
Acq: 04 Feb 2021 00:04

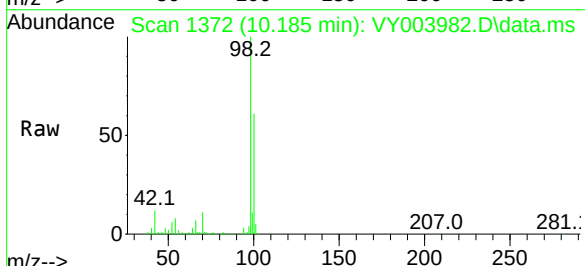
Instrument :
MSVOA_Y
ClientSampleId :
OU421-004-0510



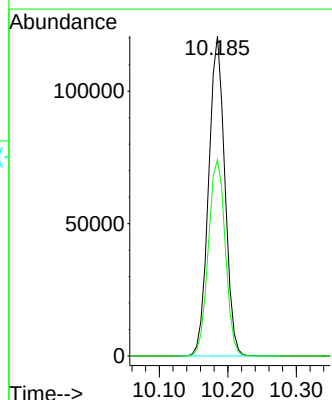
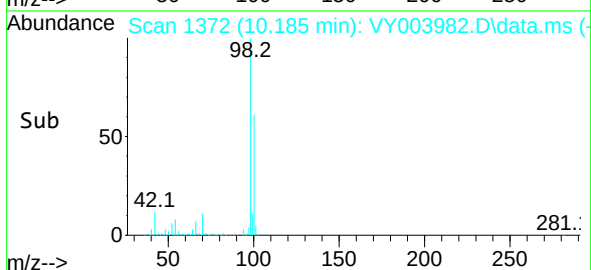
Tgt Ion:117 Resp: 9361
Ion Ratio Lower Upper
117 100
119 8.8 77.4 116.0#
121 0.0 26.1 39.1#

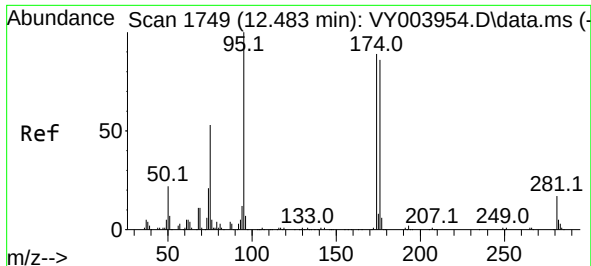


#50
Toluene-d8
Concen: 53.08 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003982.D
Acq: 04 Feb 2021 00:04



Tgt Ion: 98 Resp: 198784
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7

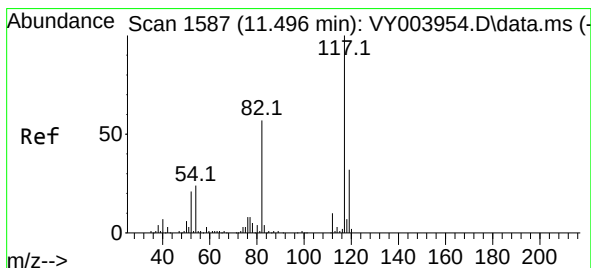
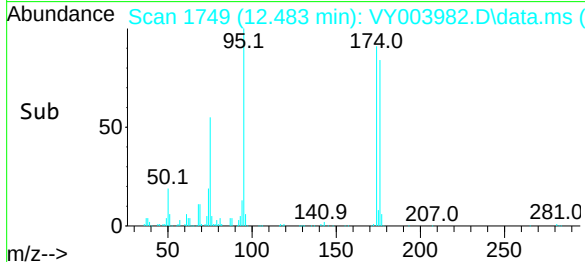
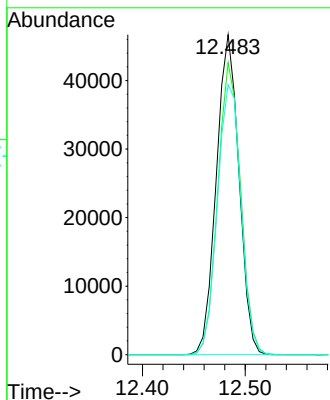
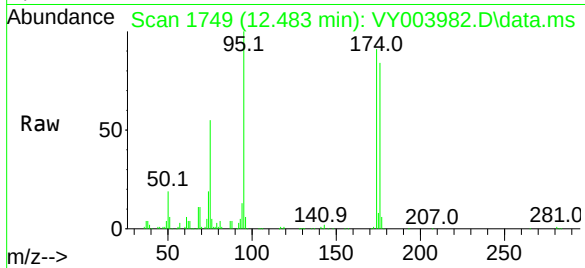




#62
4-Bromofluorobenzene
Concen: 52.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003982.D
Acq: 04 Feb 2021 00:04

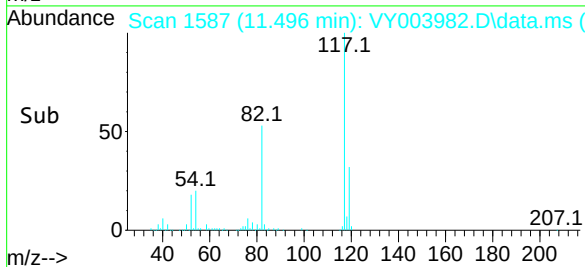
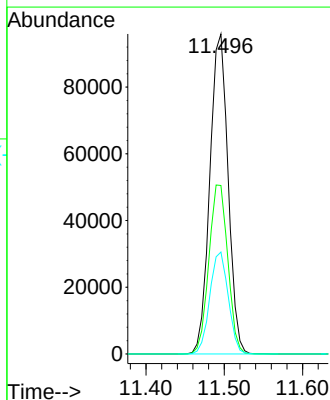
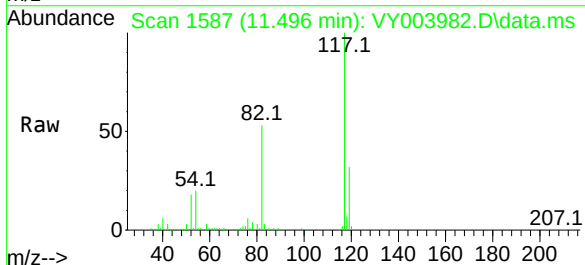
Instrument :
MSVOA_Y
ClientSampleId :
OU421-004-0510

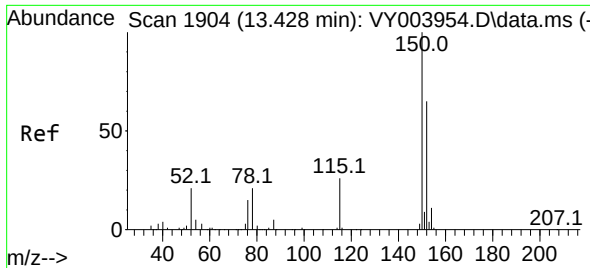
Tgt Ion: 95 Resp: 71314
Ion Ratio Lower Upper
95 100
174 92.0 0.0 184.4
176 88.1 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003982.D
Acq: 04 Feb 2021 00:04

Tgt Ion:117 Resp: 155151
Ion Ratio Lower Upper
117 100
82 52.6 44.3 66.5
119 31.9 25.0 37.6

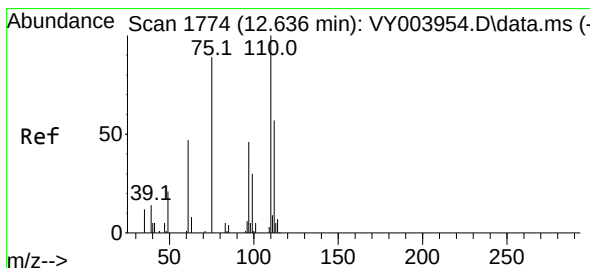
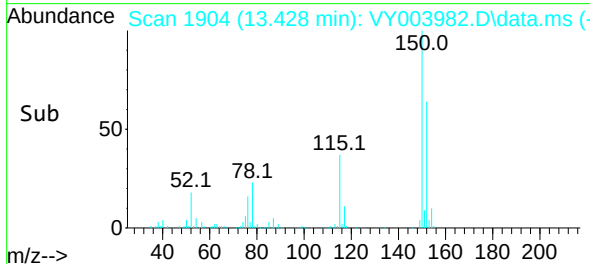
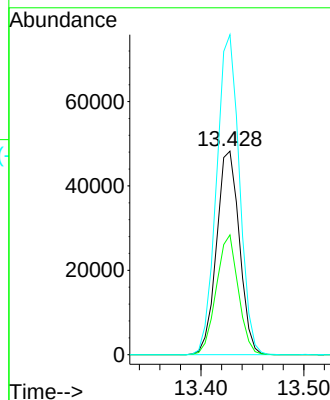
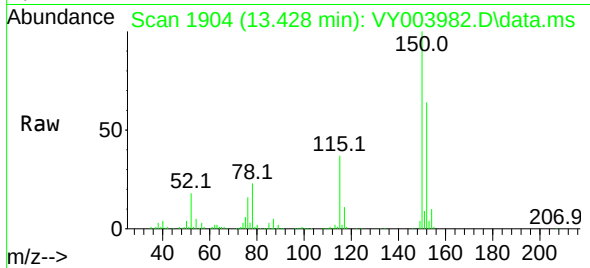




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY003982.D
 Acq: 04 Feb 2021 00:04

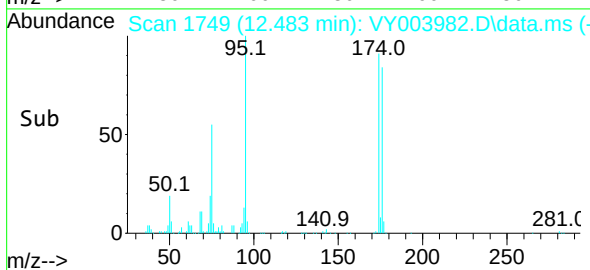
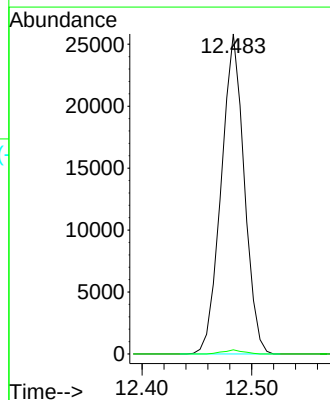
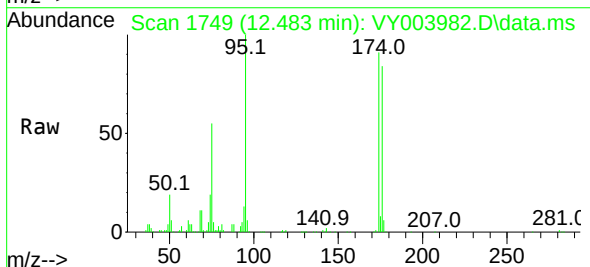
Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-004-0510

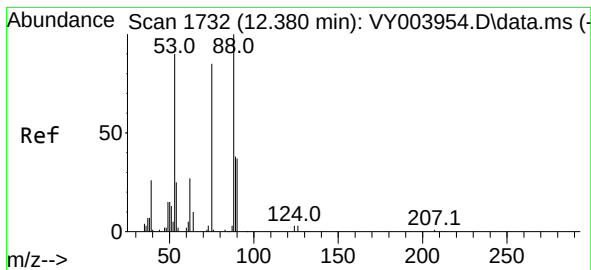
Tgt Ion:152 Resp: 74401
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.6
 150 157.2 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 50.29 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY003982.D
 Acq: 04 Feb 2021 00:04

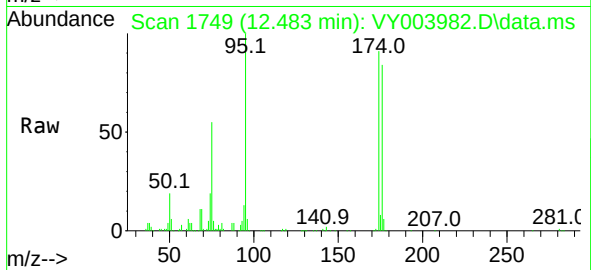
Tgt Ion: 75 Resp: 37694
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.12 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY003982.D
 Acq: 04 Feb 2021 00:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-004-0510



Tgt Ion: 75 Resp: 37694
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.0 34.8 52.2#

