

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003903.D
 Acq On : 12 Jan 2021 16:06
 Operator : SY/MD
 Sample : M1059-01
 Misc : 7.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-010821

Quant Time: Jan 13 02:33:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	144912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120625	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	106388	47.26	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.52%
35) Dibromofluoromethane	7.722	113	77843	39.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.50%
50) Toluene-d8	10.179	98	303473	37.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.52%
62) 4-Bromofluorobenzene	12.477	95	111734	38.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.12%

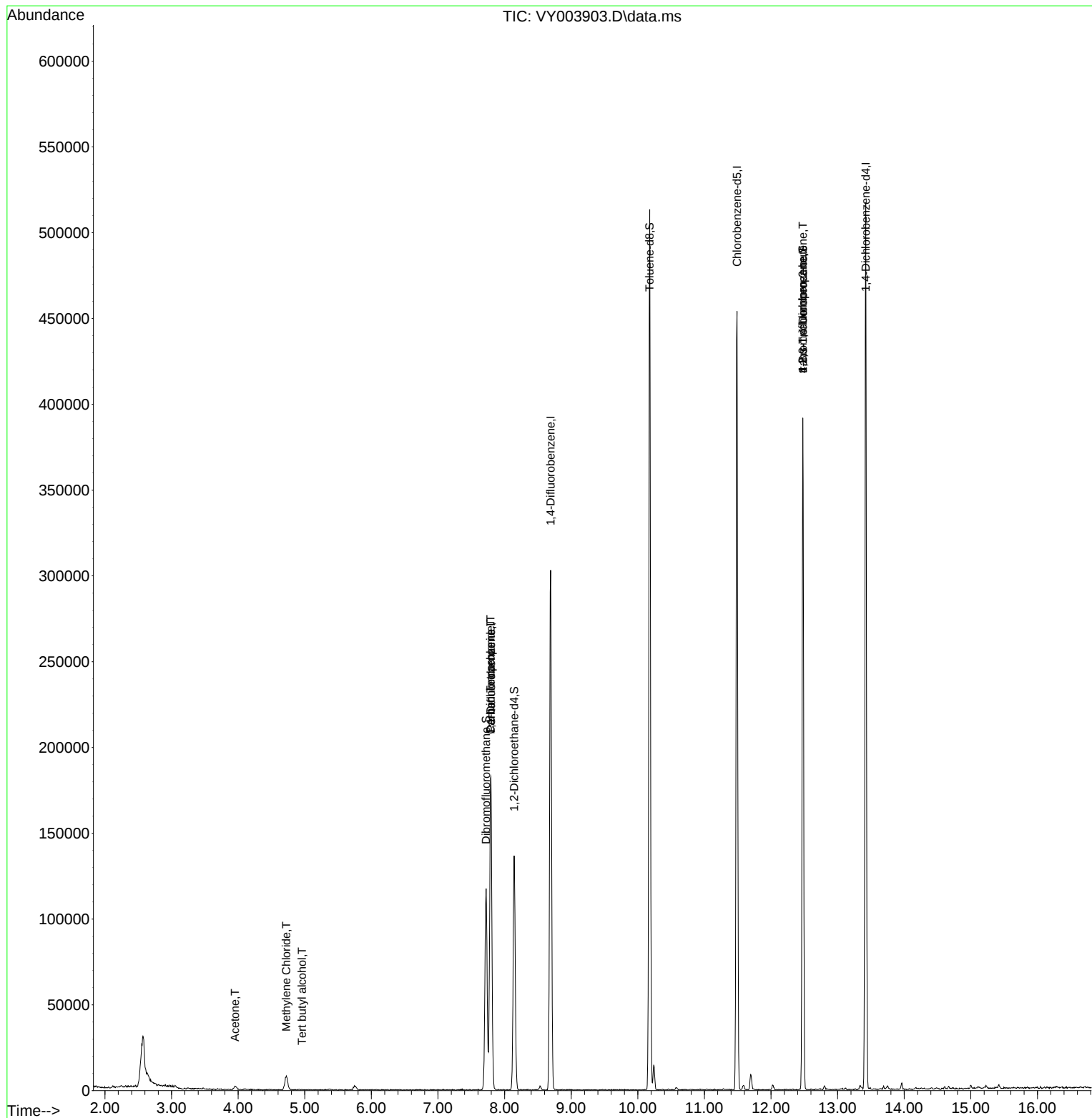
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	56	Below Cal	#	3
3) Chloromethane	2.119	50	882	Below Cal	#	53
11) Tert butyl alcohol	4.960	59	396	1.69	ug/l #	73
16) Acetone	3.954	43	3749	6.74	ug/l #	87
20) Methylene Chloride	4.722	84	5526	2.65	ug/l #	90
36) 1,1-Dichloropropene	7.789	75	11650	3.51	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13524	3.85	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	62807	38.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62807	73.10	ug/l #	3

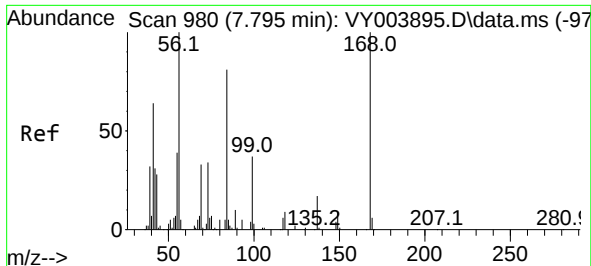
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

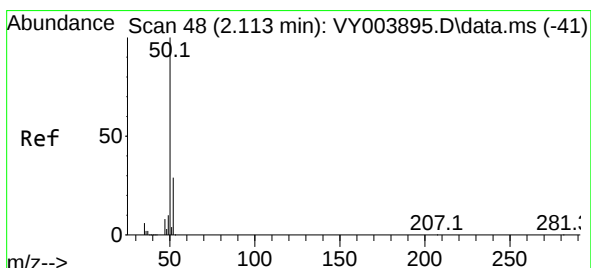
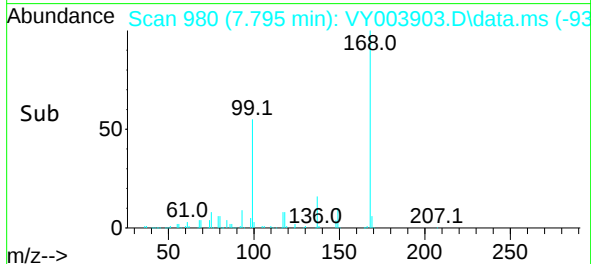
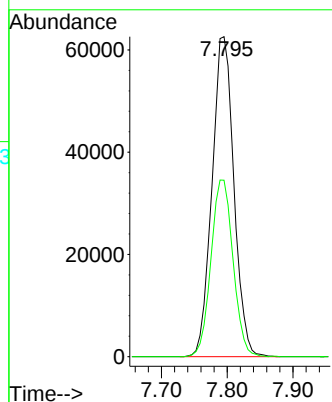
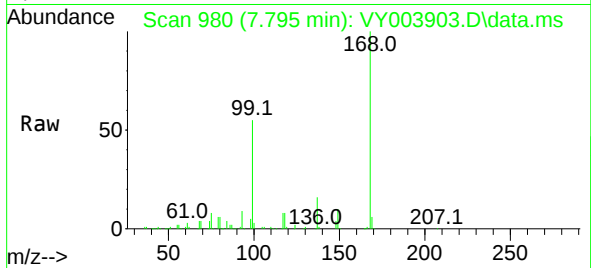




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

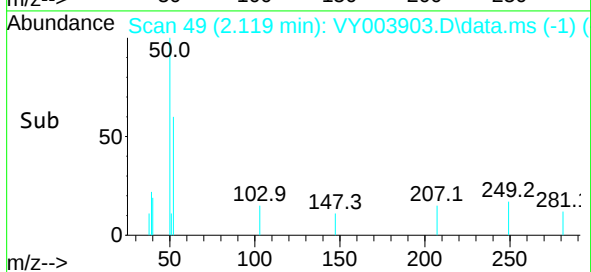
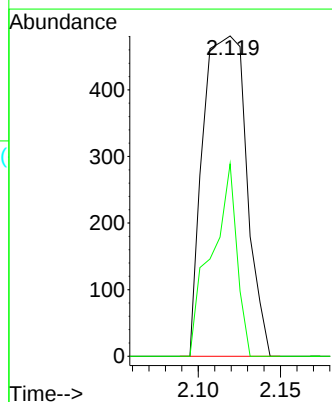
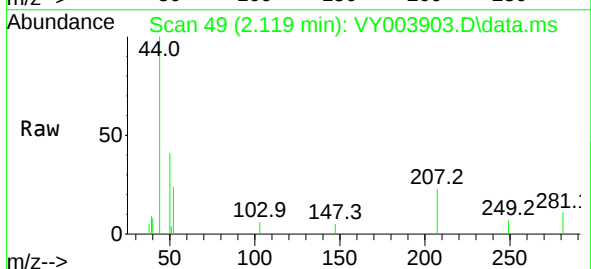
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010821

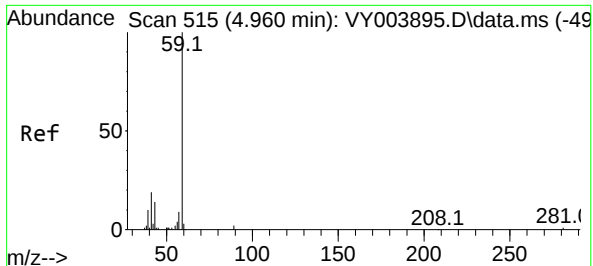
Tgt Ion:168 Resp: 144912
Ion Ratio Lower Upper
168 100
99 55.2 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

Tgt Ion: 50 Resp: 882
Ion Ratio Lower Upper
50 100
52 60.1 26.6 40.0#



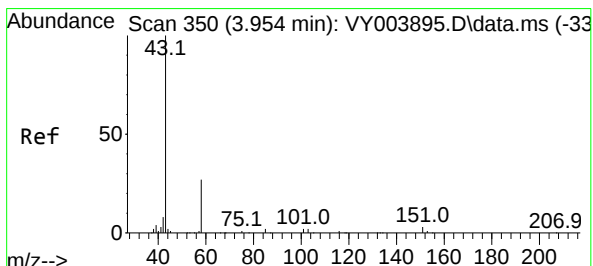
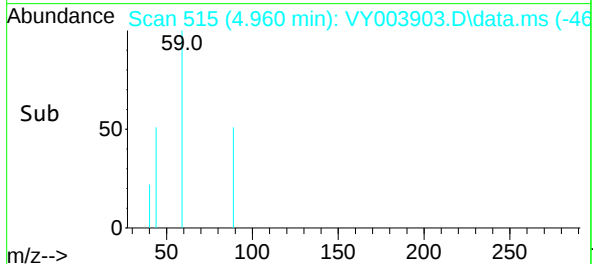
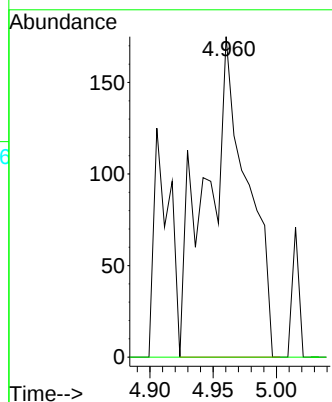
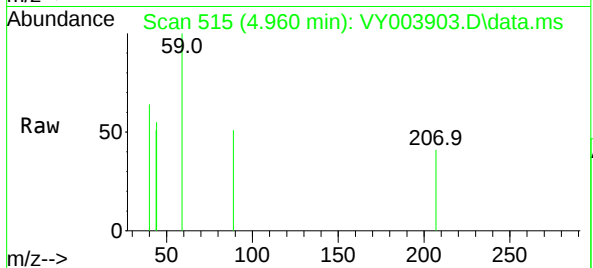


#11

Tert butyl alcohol
Concen: 1.69 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010821

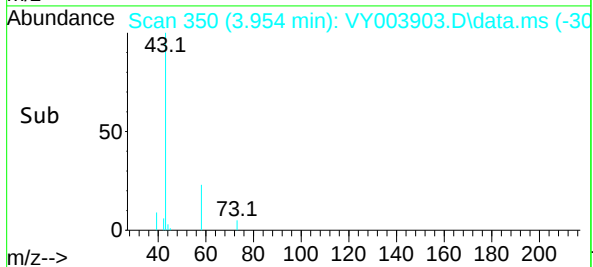
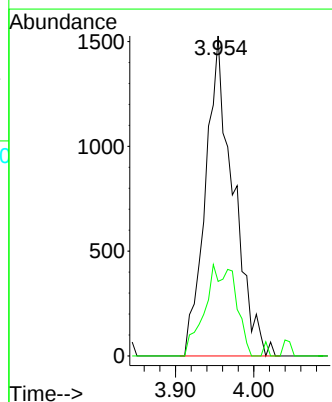
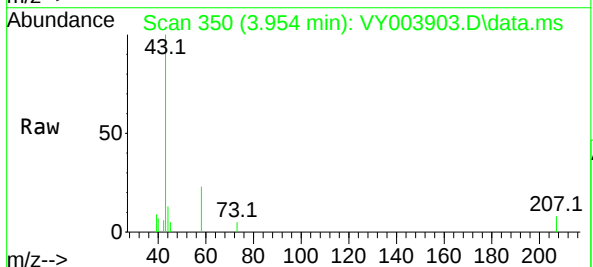
Tgt Ion: 59 Resp: 396
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

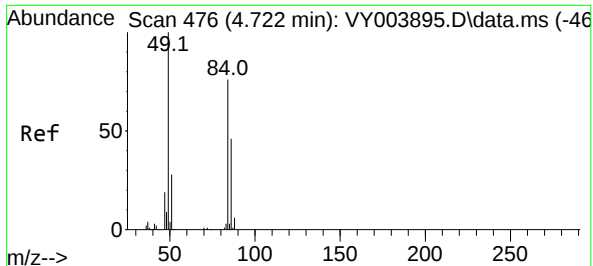


#16

Acetone
Concen: 6.74 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

Tgt Ion: 43 Resp: 3749
Ion Ratio Lower Upper
43 100
58 23.3 24.5 36.7#





#20

Methylene Chloride

Concen: 2.65 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY003903.D

Acq: 12 Jan 2021 16:06

Tgt Ion: 84 Resp: 5526

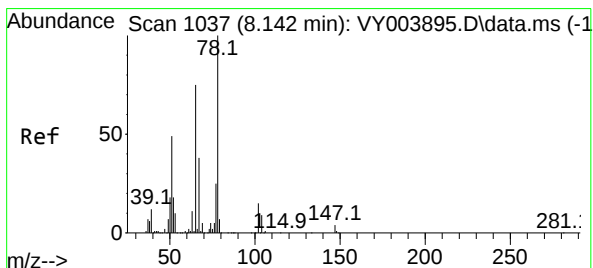
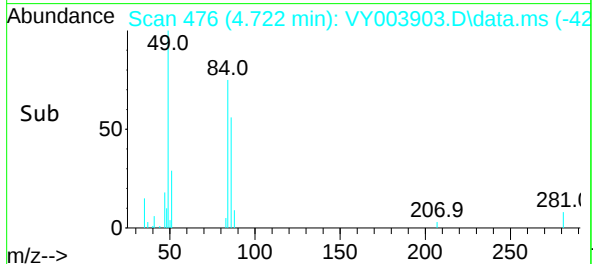
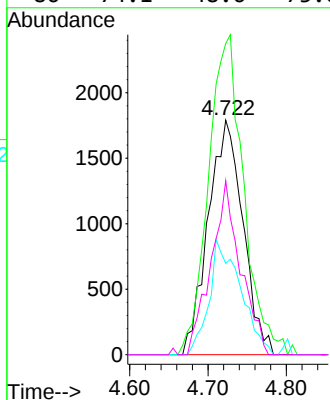
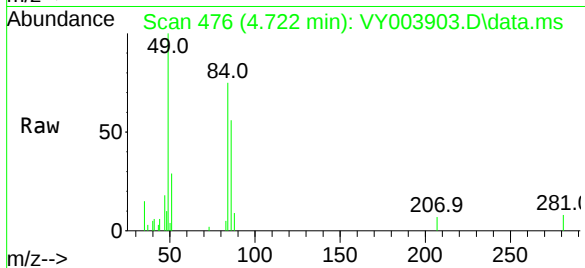
Ion Ratio Lower Upper

84 100

49 132.7 98.0 147.0

51 39.0 30.5 45.7

86 74.1 48.6 73.0#



#33

1,2-Dichloroethane-d4

Concen: 47.26 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY003903.D

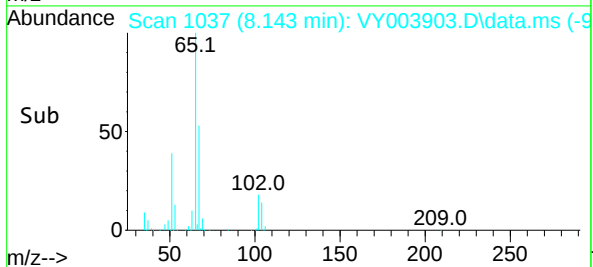
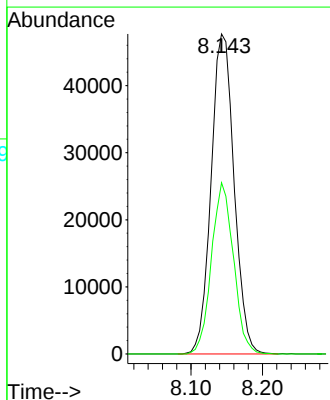
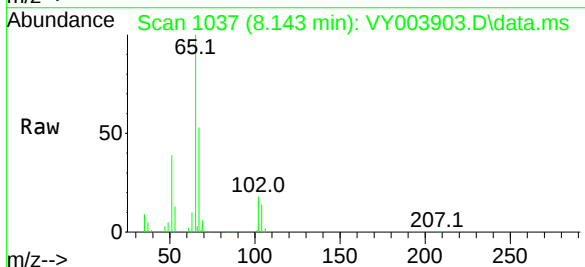
Acq: 12 Jan 2021 16:06

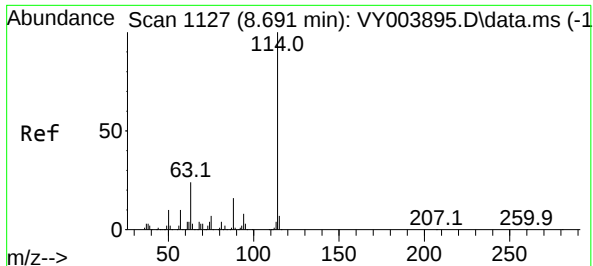
Tgt Ion: 65 Resp: 106388

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.2

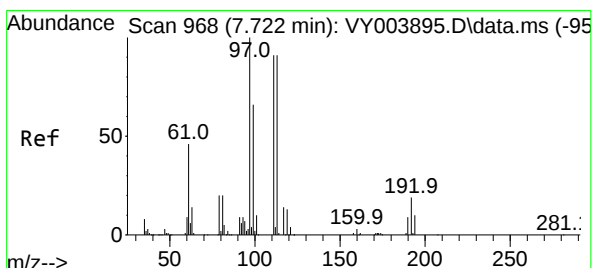
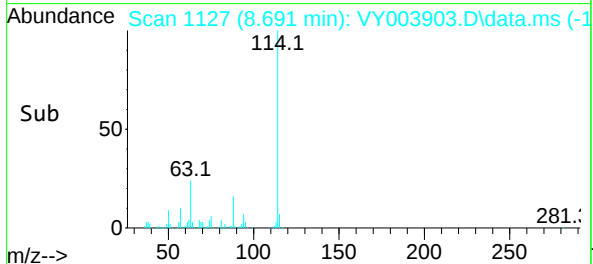
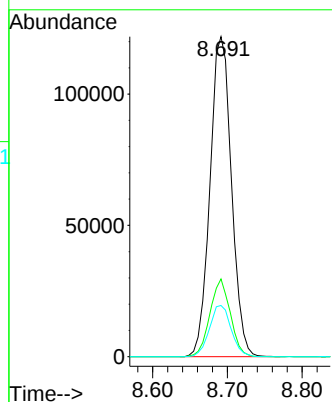
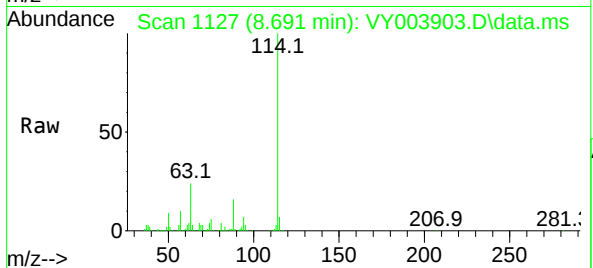




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

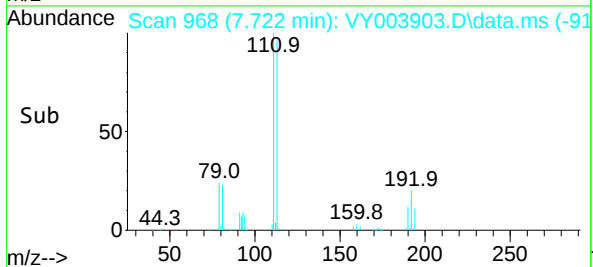
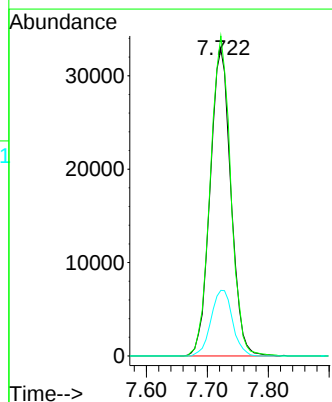
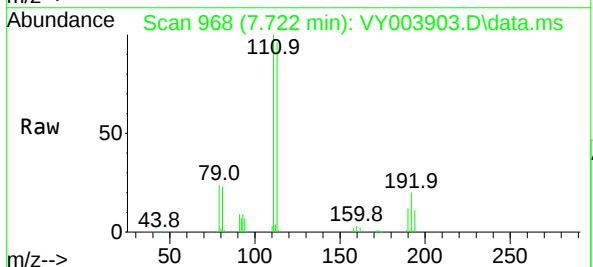
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010821

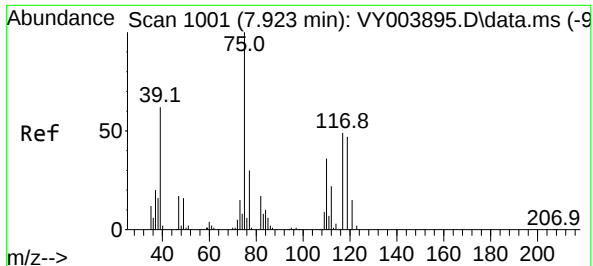
Tgt Ion:114 Resp: 242697
Ion Ratio Lower Upper
114 100
63 24.3 0.0 38.8
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 39.25 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

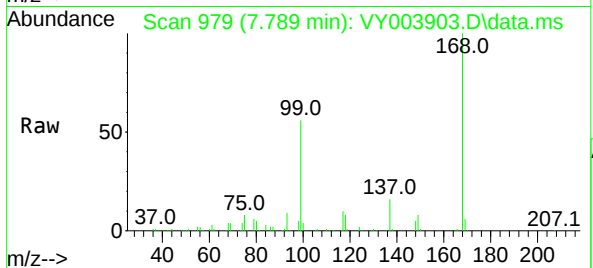
Tgt Ion:113 Resp: 77843
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 22.1 19.8 29.6



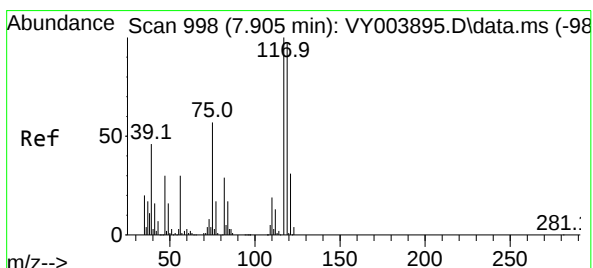
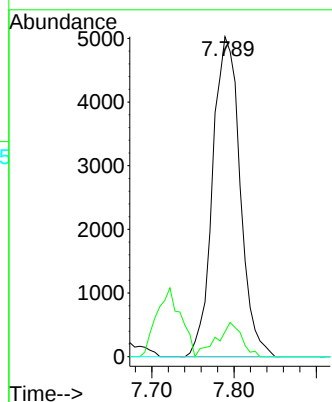
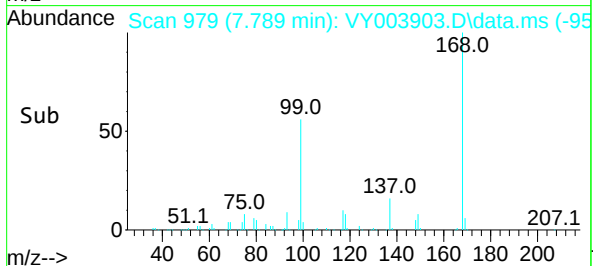


#36
 1,1-Dichloropropene
 Concen: 3.51 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.134 min
 Lab File: VY003903.D
 Acq: 12 Jan 2021 16:06

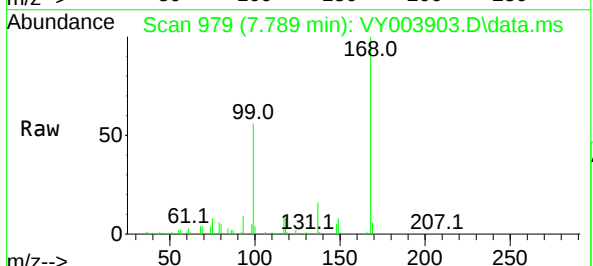
Instrument :
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 ClientSampleId :
 TR-04-010821



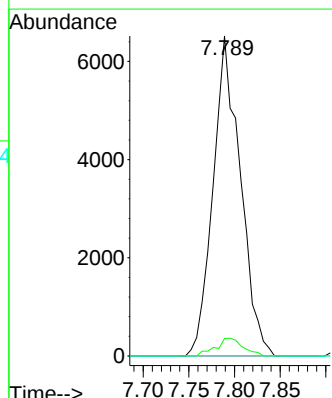
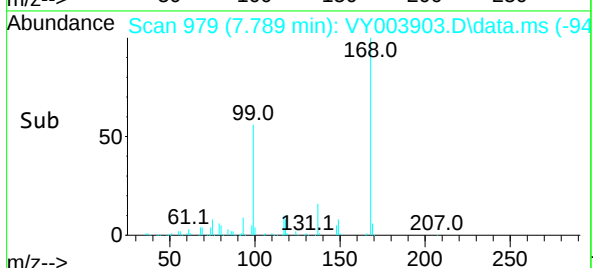
Tgt Ion: 75 Resp: 11650
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.7 53.1#
 77 0.0 24.8 37.2#

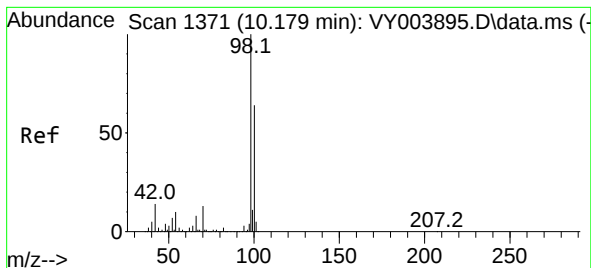


#38
 Carbon Tetrachloride
 Concen: 3.85 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.116 min
 Lab File: VY003903.D
 Acq: 12 Jan 2021 16:06



Tgt Ion: 117 Resp: 13524
 Ion Ratio Lower Upper
 117 100
 119 5.4 78.6 118.0#
 121 0.0 25.8 38.6#

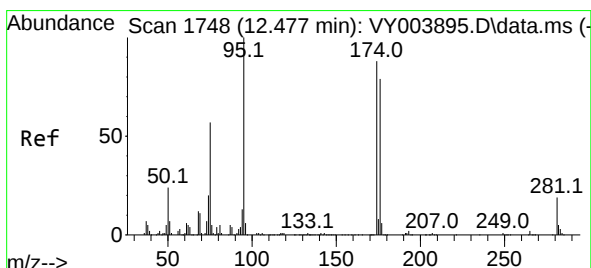
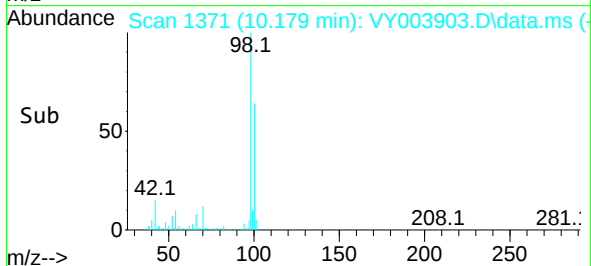
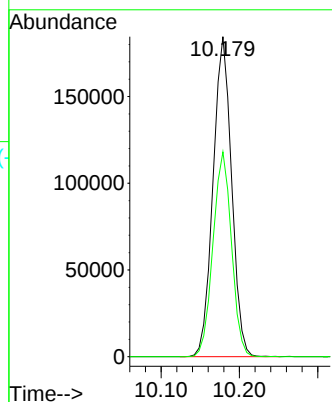
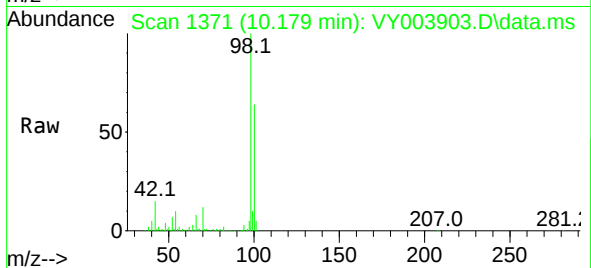




#50
Toluene-d8
Concen: 37.76 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

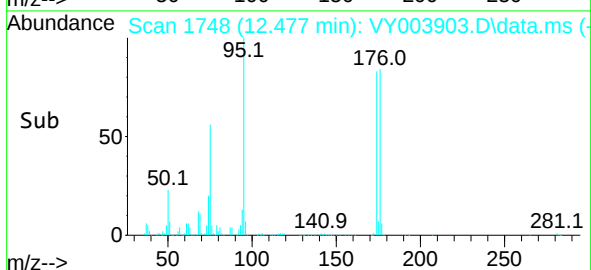
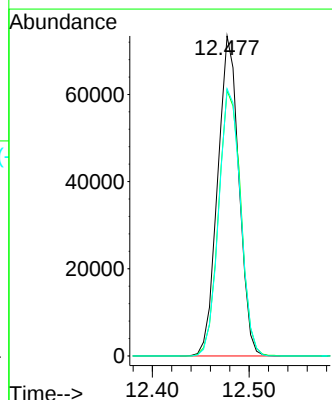
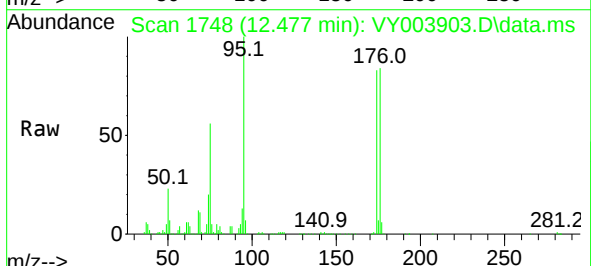
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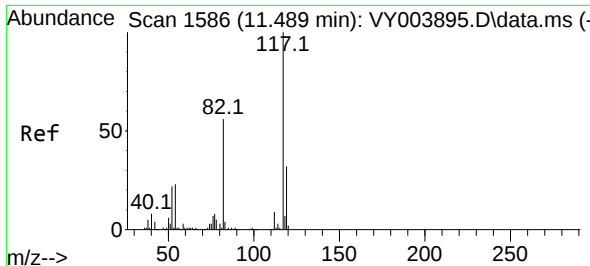
Tgt Ion: 98 Resp: 303473
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 38.06 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

Tgt Ion: 95 Resp: 111734
Ion Ratio Lower Upper
95 100
174 86.3 0.0 193.2
176 85.6 0.0 187.0

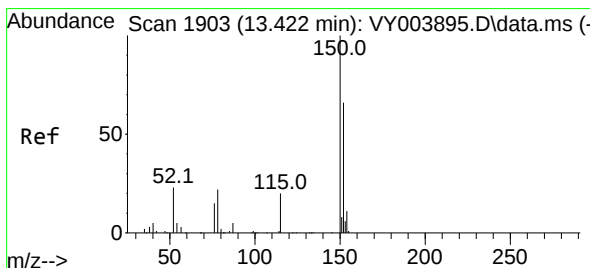
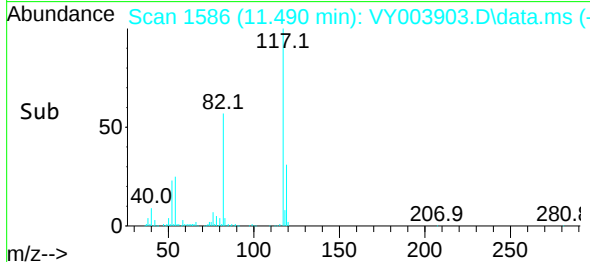
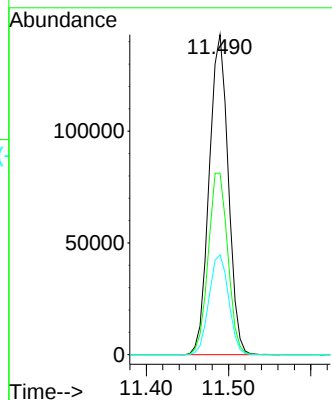
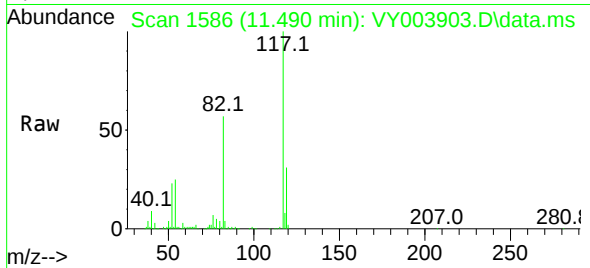




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

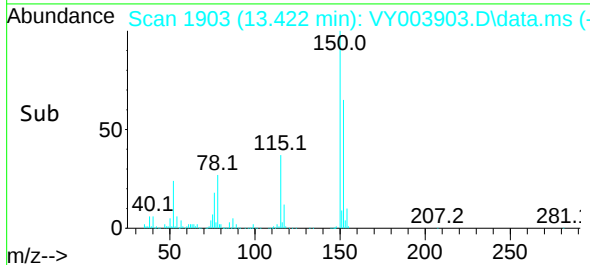
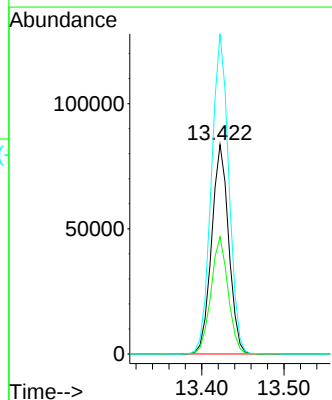
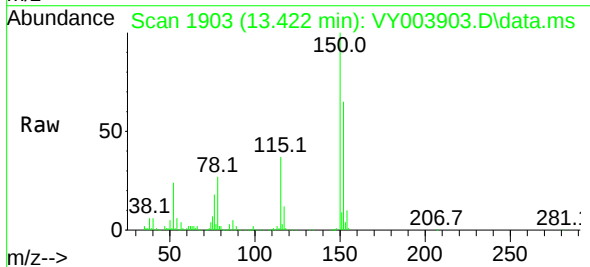
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010821

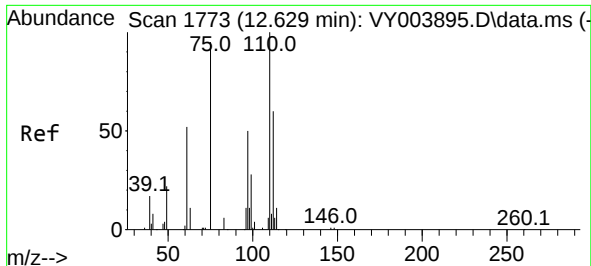
Tgt Ion:117 Resp: 230370
Ion Ratio Lower Upper
117 100
82 56.8 43.9 65.9
119 31.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

Tgt Ion:152 Resp: 120625
Ion Ratio Lower Upper
152 100
115 55.9 27.9 83.7
150 155.9 0.0 356.4

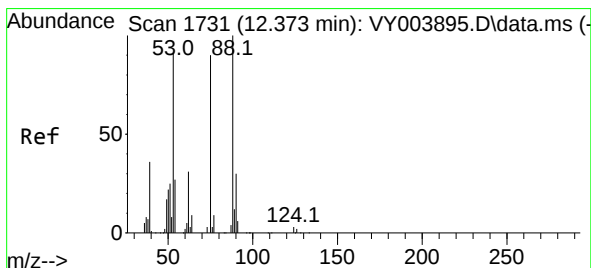
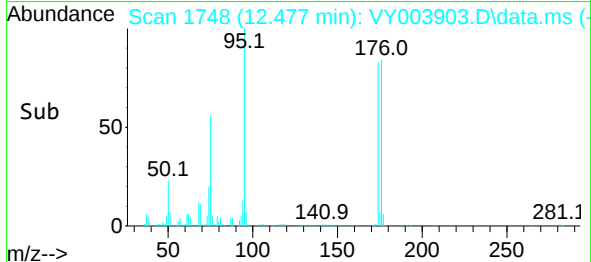
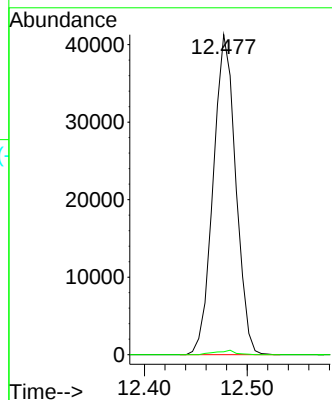
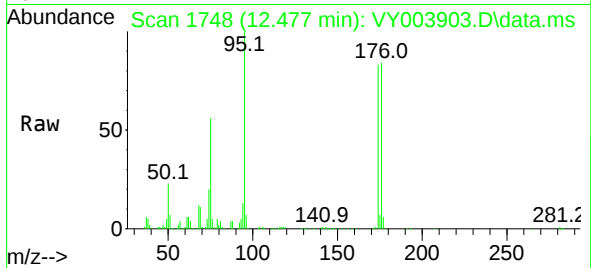




#76
1,2,3-Trichloropropane
Concen: 38.51 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010821

Tgt Ion: 75 Resp: 62807
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.10 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003903.D
Acq: 12 Jan 2021 16:06

Tgt Ion: 75 Resp: 62807
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 0.0 0.0 0.0

