

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007037.D
 Acq On : 06 Jan 2022 17:05
 Operator : SY/MD
 Sample : N1008-06RE
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 11:48:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	66054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	123264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	115274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51714	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44462	57.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.040%
35) Dibromofluoromethane	7.722	113	41087	50.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.420%
50) Toluene-d8	10.185	98	150970	50.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.483	95	56234	49.599	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.200%

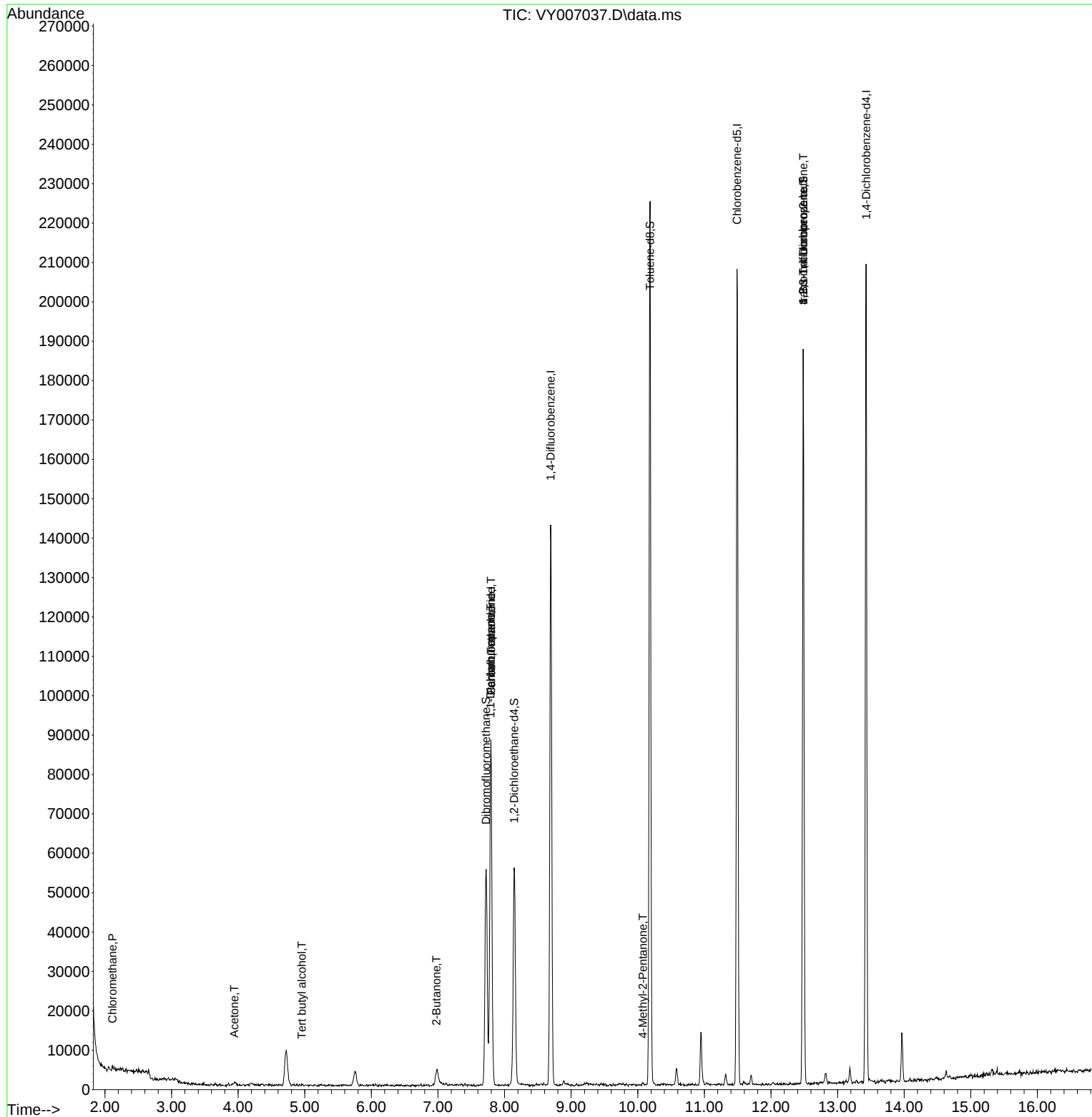
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	557	1.250	ug/l	93
11) Tert butyl alcohol	4.954	59	296	4.210	ug/l #	71
16) Acetone	3.942	43	1492	8.685	ug/l	98
20) Methylene Chloride	4.723	84	6870	Below Cal	#	94
25) 2-Butanone	6.978	43	546	2.207	ug/l #	46
36) 1,1-Dichloropropene	7.789	75	5285	3.913	ug/l #	50
38) Carbon Tetrachloride	7.795	117	6955	4.924	ug/l #	14
51) 4-Methyl-2-Pentanone	10.075	43	681	1.029	ug/l #	82
76) 1,2,3-Trichloropropane	12.483	75	28267	43.395	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28267	79.258	ug/l #	4

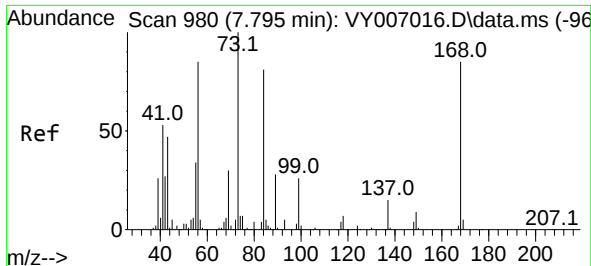
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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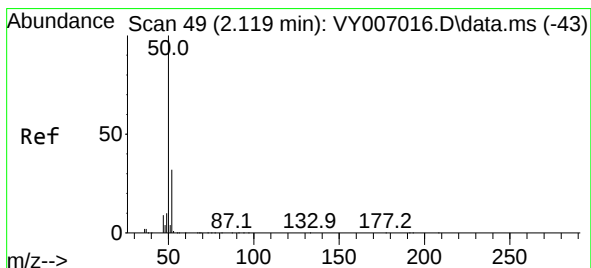
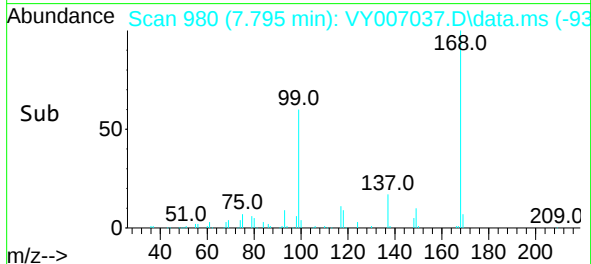
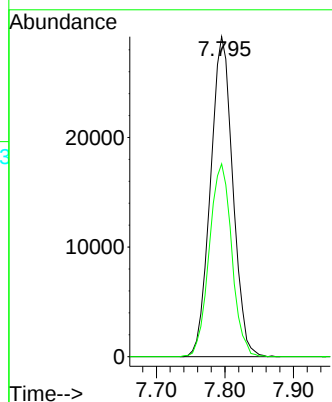
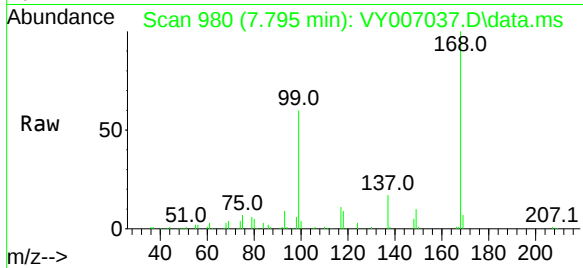




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

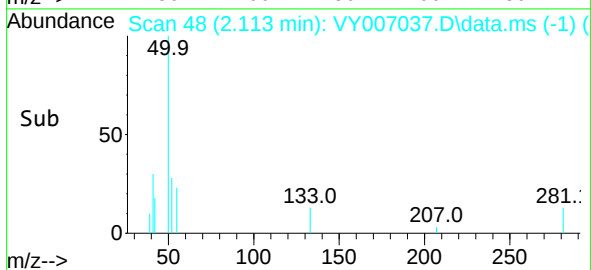
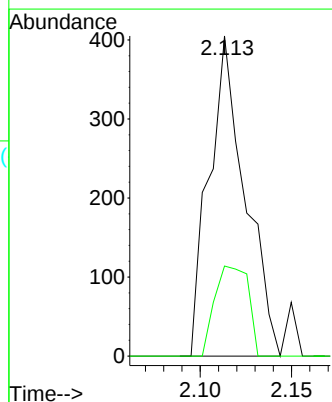
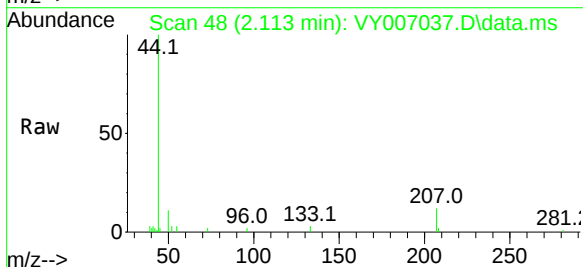
Instrument :
MSVOA_Y
ClientSampleId :

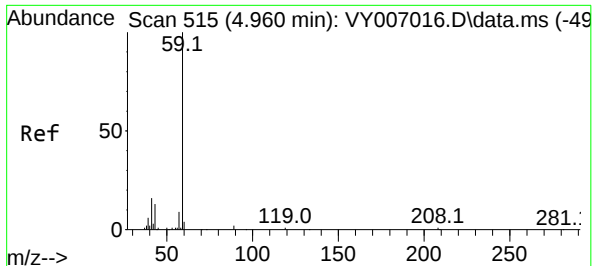
Tgt Ion:168 Resp: 66054
Ion Ratio Lower Upper
168 100
99 60.2 48.9 73.3



#3
Chloromethane
Concen: 1.250 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

Tgt Ion: 50 Resp: 557
Ion Ratio Lower Upper
50 100
52 28.1 25.8 38.8





#11

Tert butyl alcohol

Concen: 4.210 ug/l

RT: 4.954 min Scan# 515

Delta R.T. -0.006 min

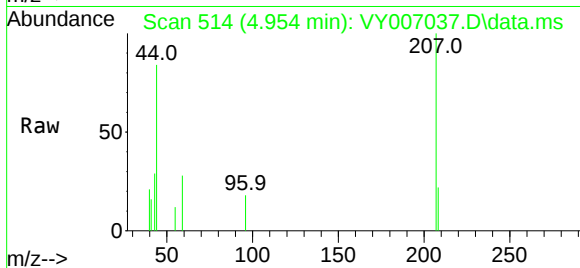
Lab File: VY007037.D

Acq: 06 Jan 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

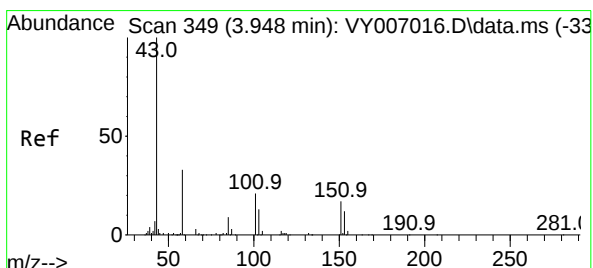
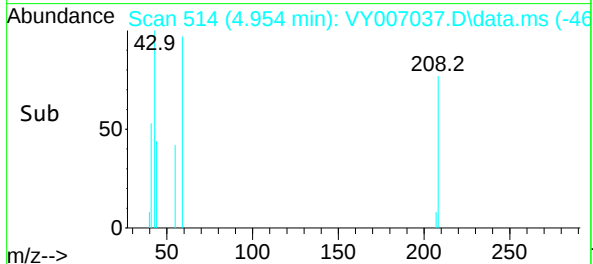
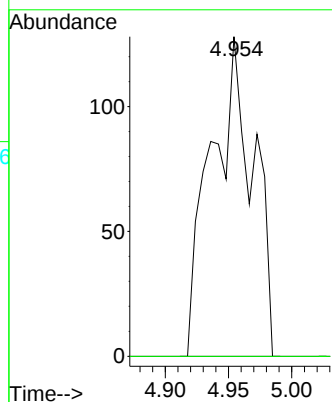


Tgt Ion: 59 Resp: 296

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#16

Acetone

Concen: 8.685 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY007037.D

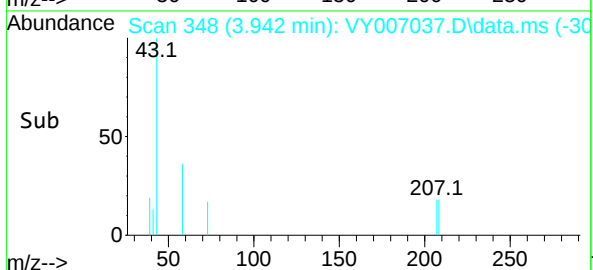
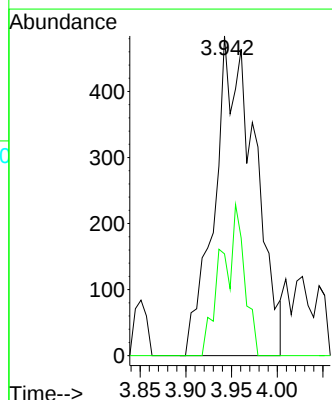
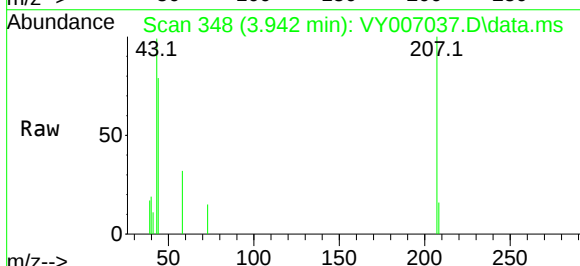
Acq: 06 Jan 2022 17:05

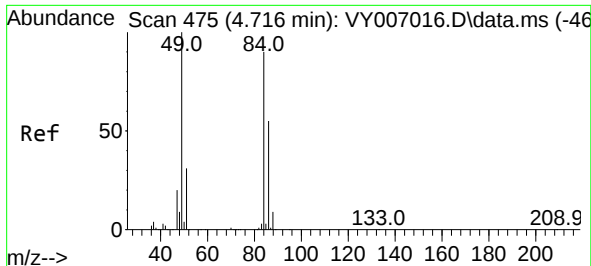
Tgt Ion: 43 Resp: 1492

Ion Ratio Lower Upper

43 100

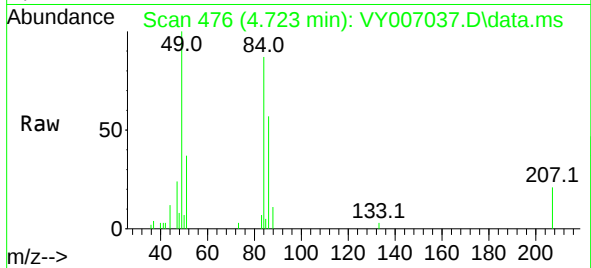
58 31.8 26.3 39.5



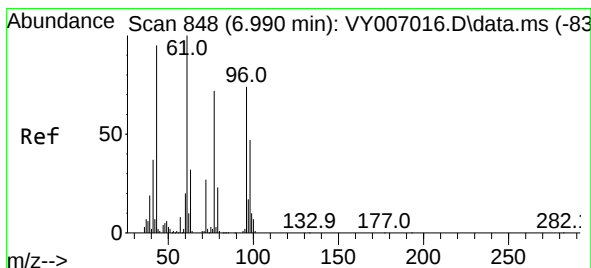
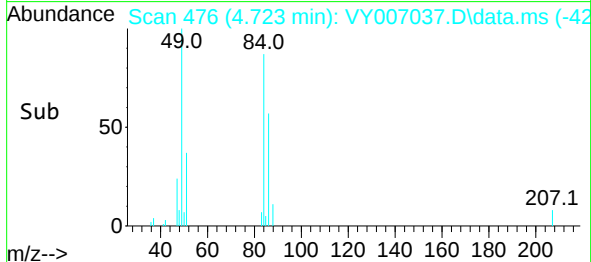
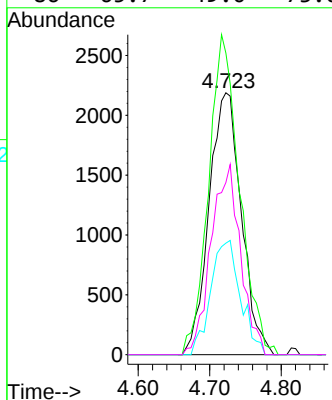


#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :

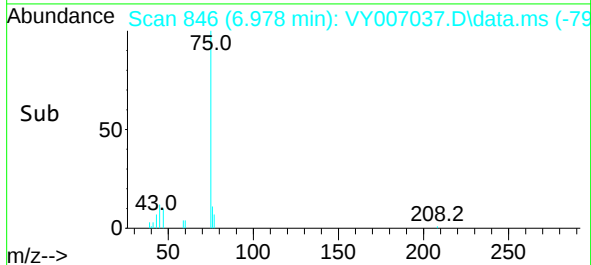
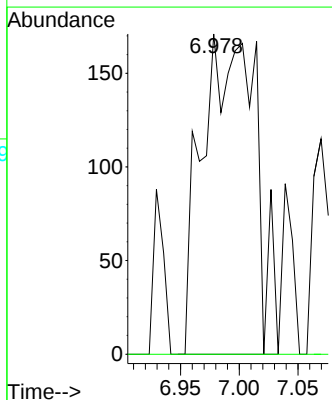
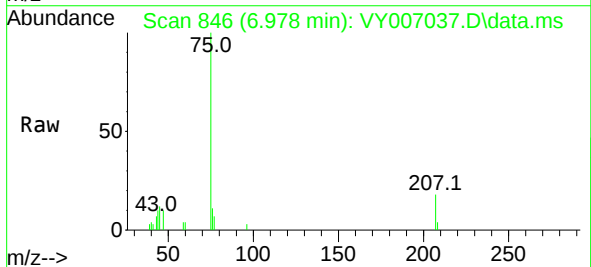


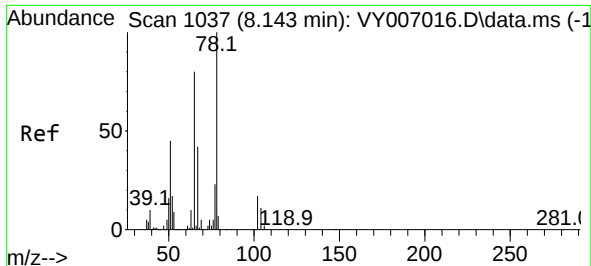
Tgt Ion: 84 Resp: 6870
Ion Ratio Lower Upper
84 100
49 115.1 89.4 134.0
51 42.6 27.7 41.5#
86 65.7 49.0 73.6



#25
2-Butanone
Concen: 2.207 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#





#33

1,2-Dichloroethane-d4

Concen: 57.024 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY007037.D

Acq: 06 Jan 2022 17:05

Instrument :

MSVOA_Y

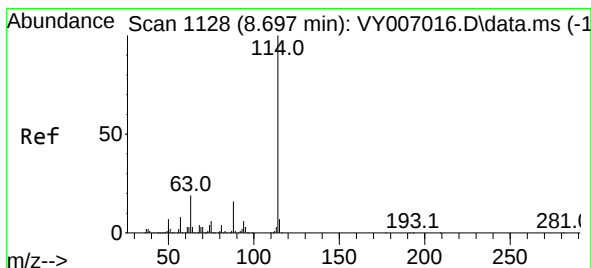
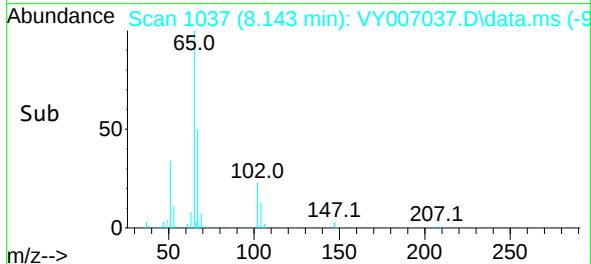
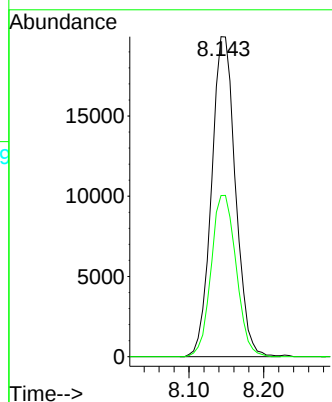
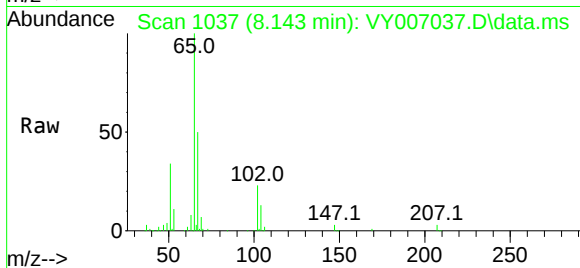
ClientSampleId :

Tgt Ion: 65 Resp: 44462

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007037.D

Acq: 06 Jan 2022 17:05

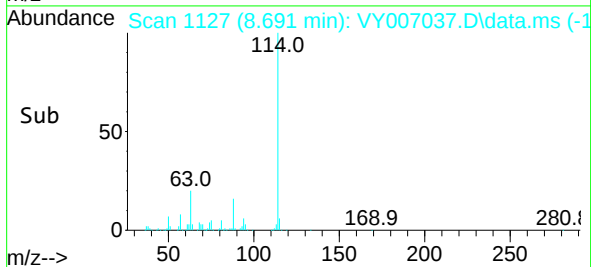
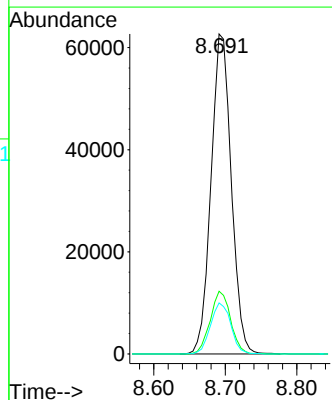
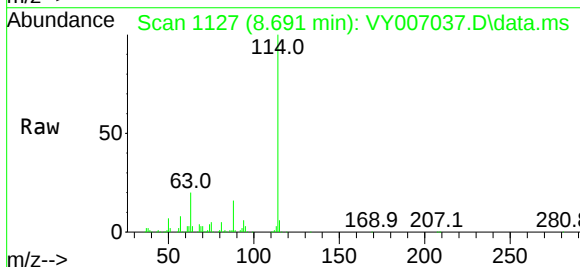
Tgt Ion: 114 Resp: 123264

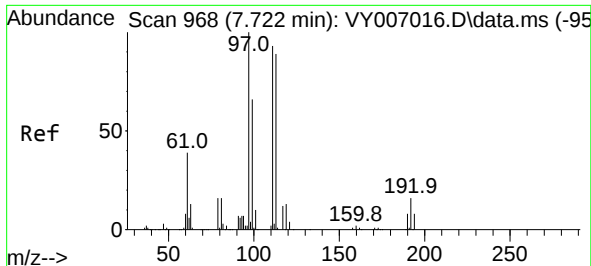
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 15.9 0.0 31.8

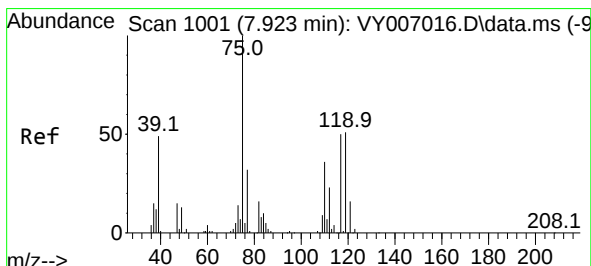
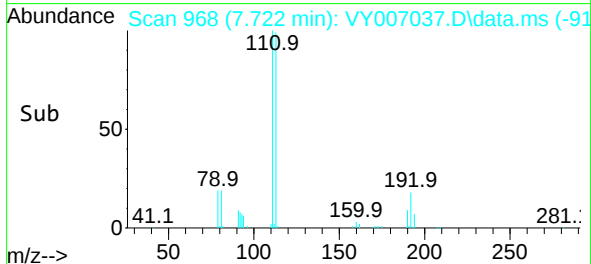
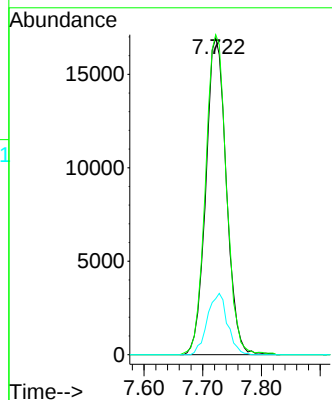
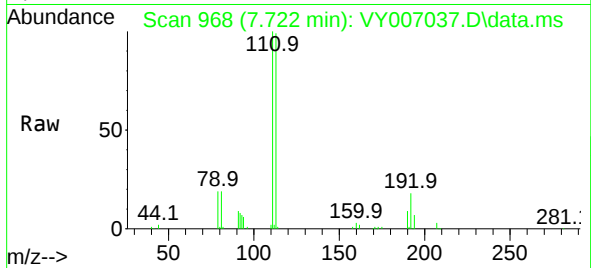




#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

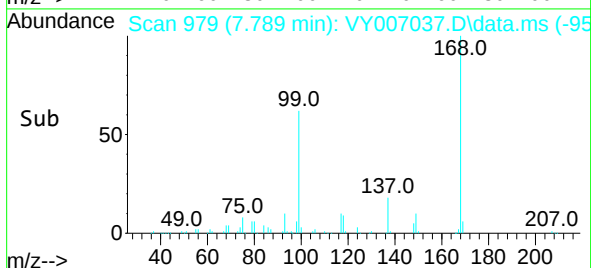
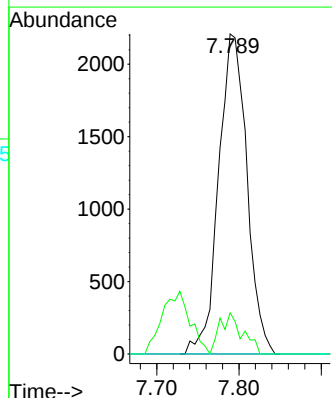
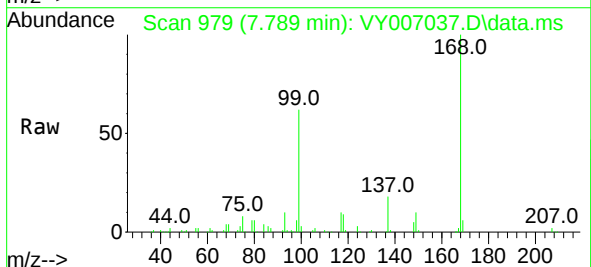
Instrument :
MSVOA_Y
ClientSampleId :

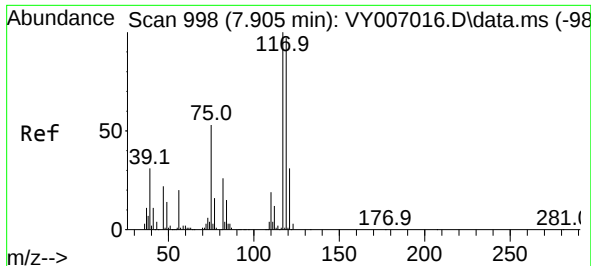
Tgt Ion:113 Resp: 41087
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 18.9 14.6 21.8



#36
1,1-Dichloropropene
Concen: 3.913 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

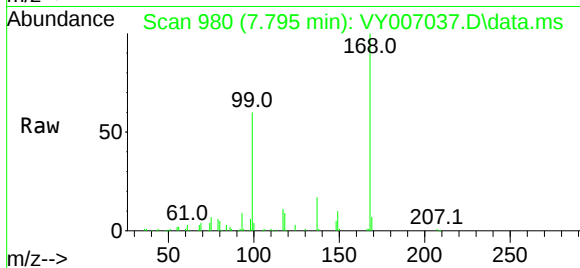
Tgt Ion: 75 Resp: 5285
Ion Ratio Lower Upper
75 100
110 10.3 18.0 54.0#
77 0.0 25.4 38.2#



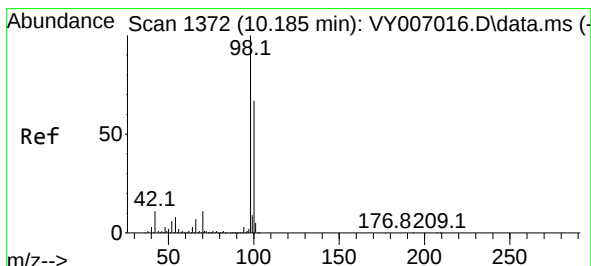
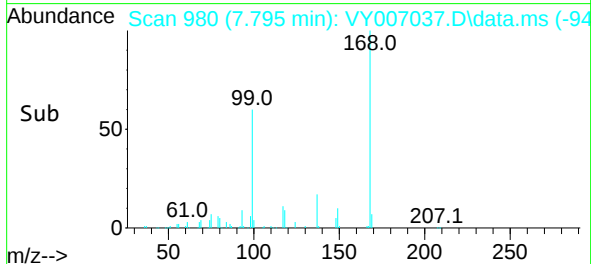
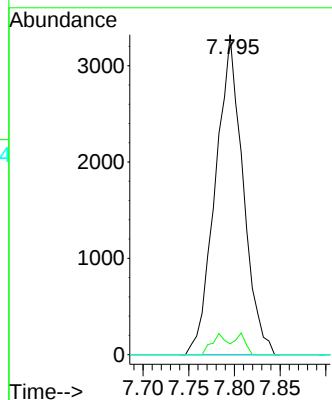


#38
Carbon Tetrachloride
Concen: 4.924 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :

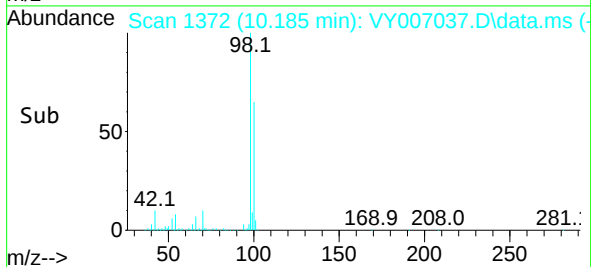
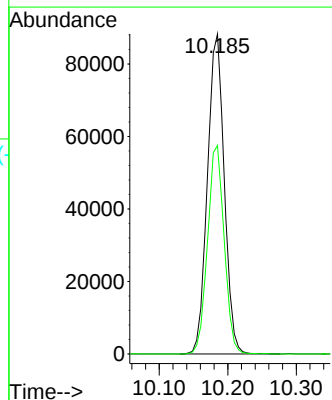
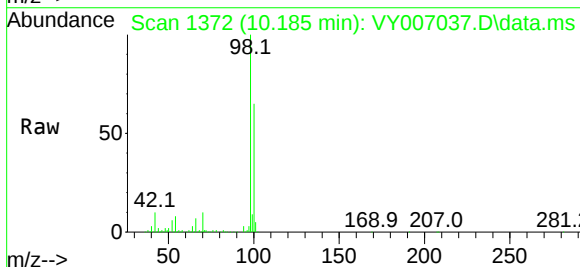


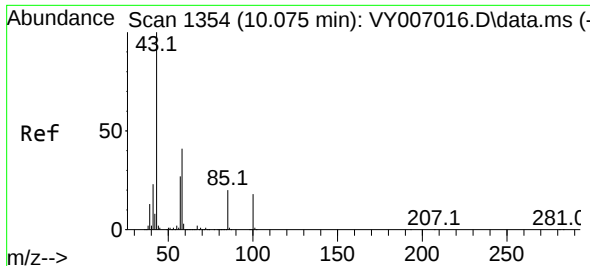
Tgt Ion:117 Resp: 6955
Ion Ratio Lower Upper
117 100
119 3.4 77.7 116.5#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.148 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

Tgt Ion: 98 Resp: 150970
Ion Ratio Lower Upper
98 100
100 64.5 52.8 79.2

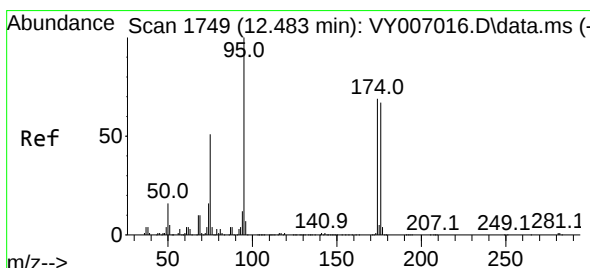
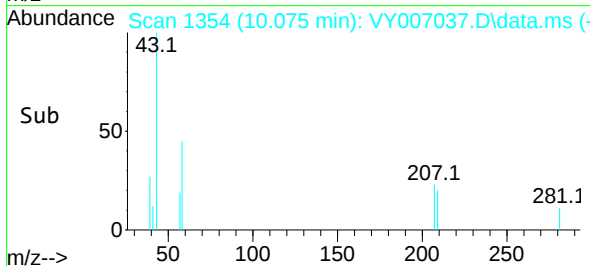
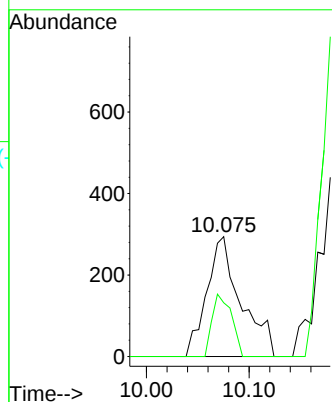
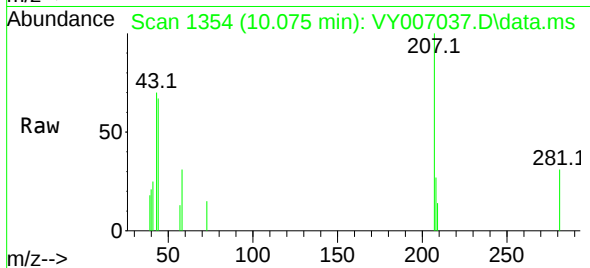




#51
4-Methyl-2-Pentanone
Concen: 1.029 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

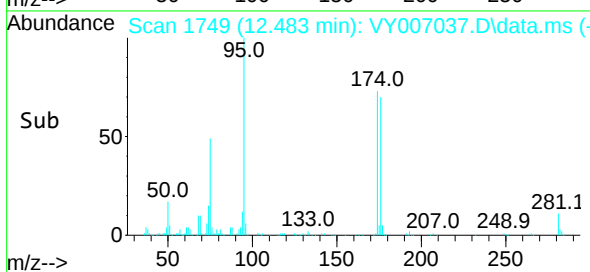
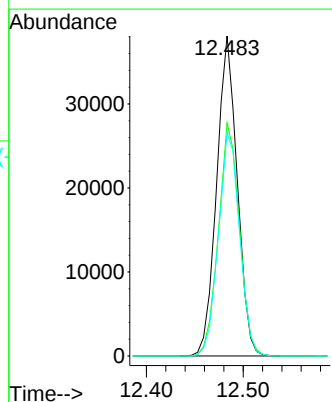
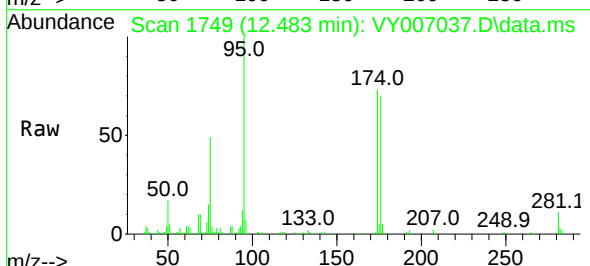
Instrument :
MSVOA_Y
ClientSampleId :

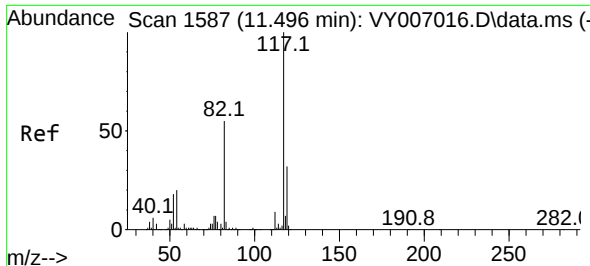
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 29.4 32.7 49.1#



#62
4-Bromofluorobenzene
Concen: 49.599 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

Tgt Ion: 95 Resp: 56234
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.6
176 71.6 0.0 141.0

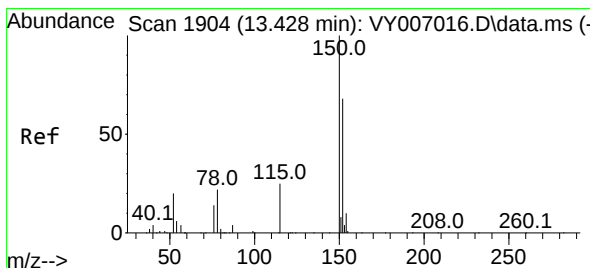
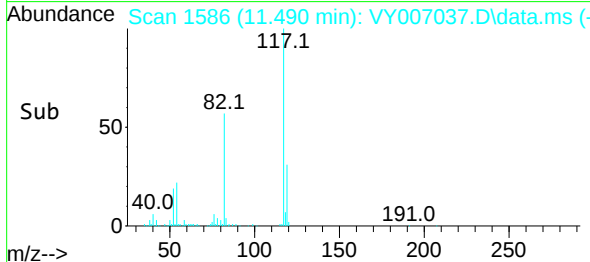
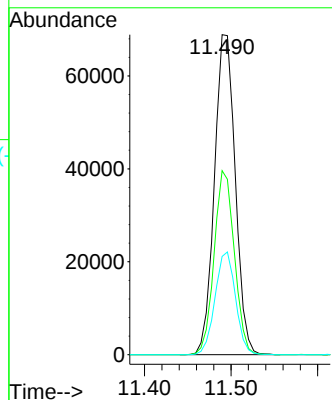
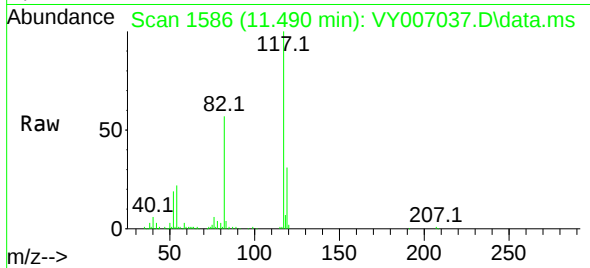




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

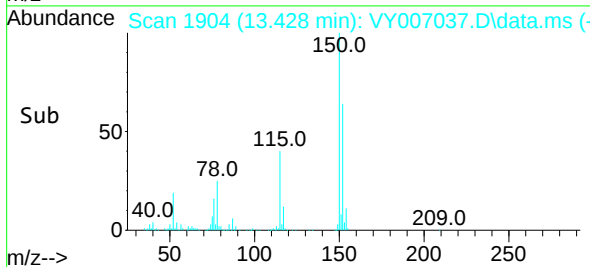
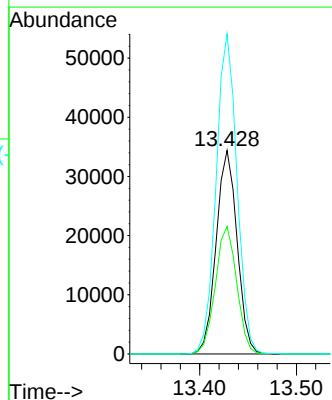
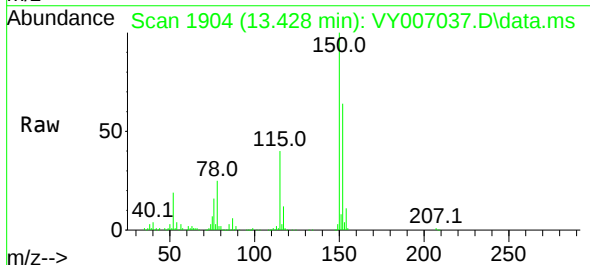
Instrument :
MSVOA_Y
ClientSampleId :

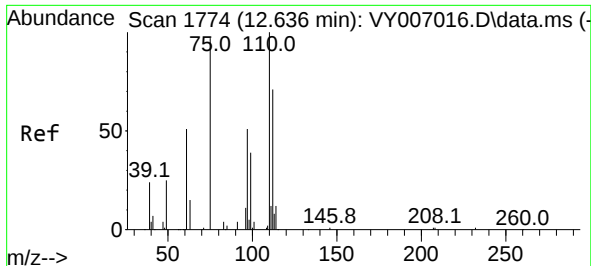
Tgt Ion:117 Resp: 115274
Ion Ratio Lower Upper
117 100
82 57.5 44.1 66.1
119 30.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

Tgt Ion:152 Resp: 51714
Ion Ratio Lower Upper
152 100
115 64.1 31.9 95.5
150 156.7 0.0 358.0

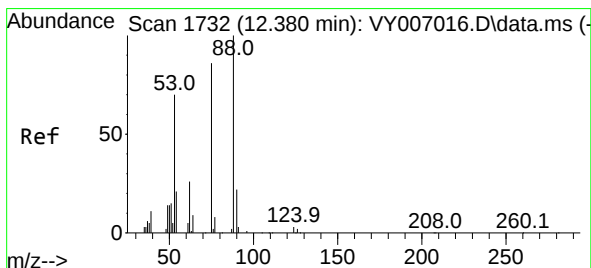
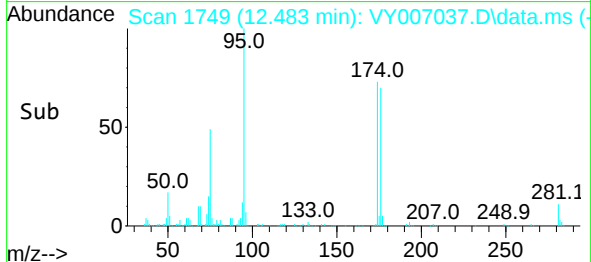
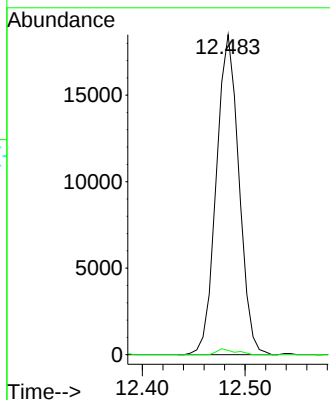
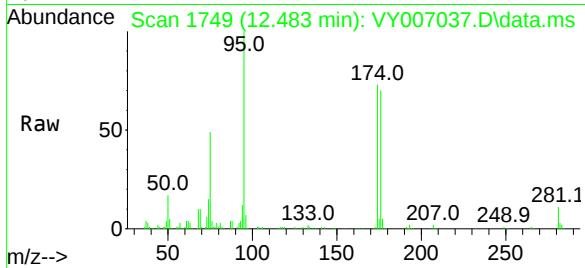




#76
1,2,3-Trichloropropane
Concen: 43.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 28267
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.258 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007037.D
Acq: 06 Jan 2022 17:05

Tgt Ion: 75 Resp: 28267
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.4#
89 0.0 0.0 0.0

