

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011485.D
 Acq On : 16 Nov 2022 19:46
 Operator : KP/MD
 Sample : N5641-15
 Misc : 6.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:18:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

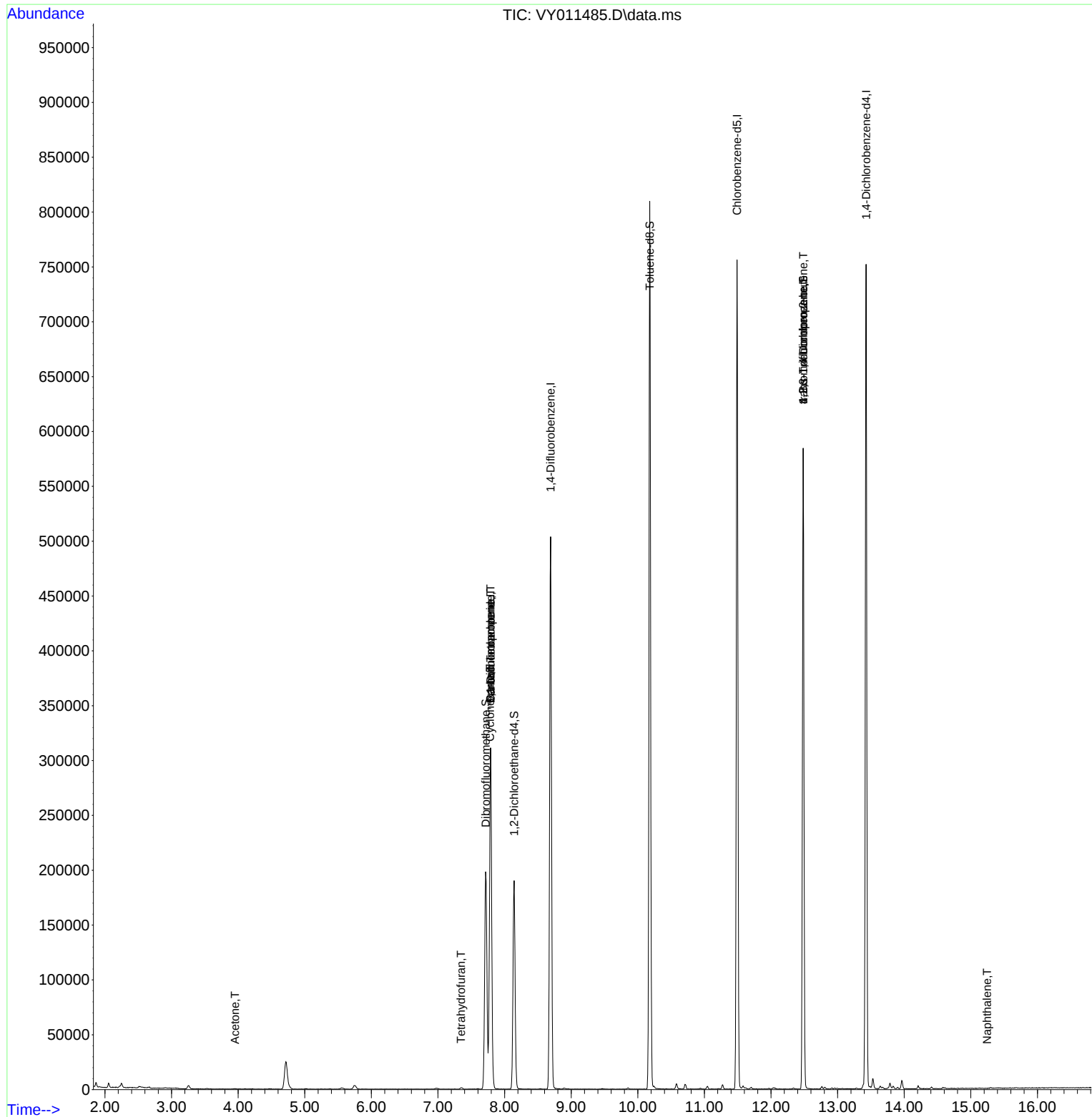
Internal Standards						
1) Pentafluorobenzene	7.789	168	251489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	458890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	442833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	203630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145812	69.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.380%	
35) Dibromofluoromethane	7.716	113	144002	55.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.980%	
50) Toluene-d8	10.179	98	543215	55.290	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.580%	
62) 4-Bromofluorobenzene	12.483	95	182123	53.147	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.300%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	86	Below Cal	#	43
11) Tert butyl alcohol	4.960	59	175	Below Cal	#	77
16) Acetone	3.954	43	596	1.072	ug/l	100
18) Methyl Acetate	4.478	43	294	Below Cal	#	56
20) Methylene Chloride	4.716	84	21298	Below Cal	#	76
29) Tetrahydrofuran	7.344	42	972	2.026	ug/l	# 80
31) Cyclohexane	7.783	56	4330	1.143	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	16460	4.124	ug/l	# 52
38) Carbon Tetrachloride	7.789	117	23835	5.490	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	87291	37.034	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	87291	89.018	ug/l	# 7
95) Naphthalene	15.245	128	96	3.287	ug/l	# 69

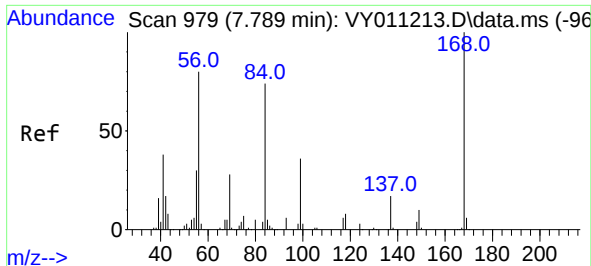
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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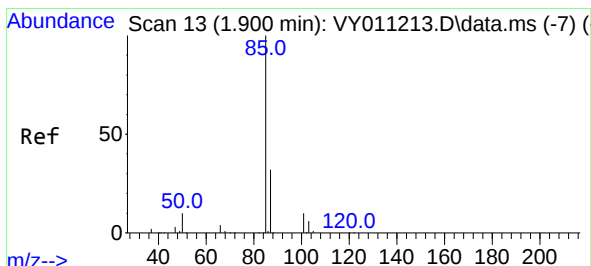
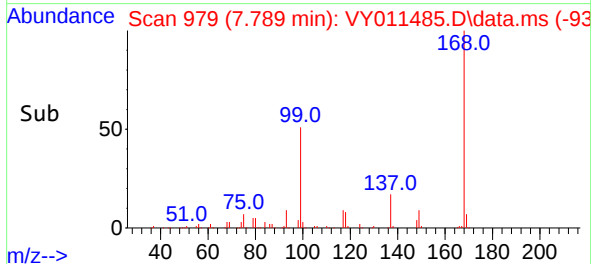
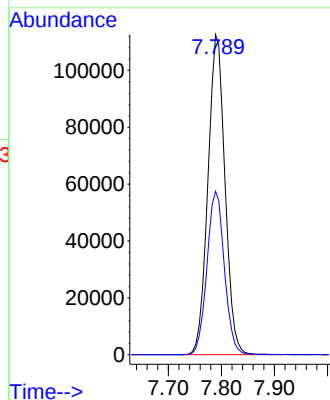
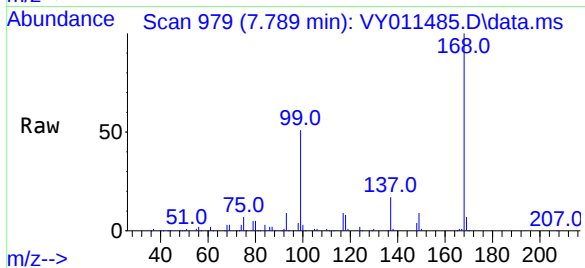




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

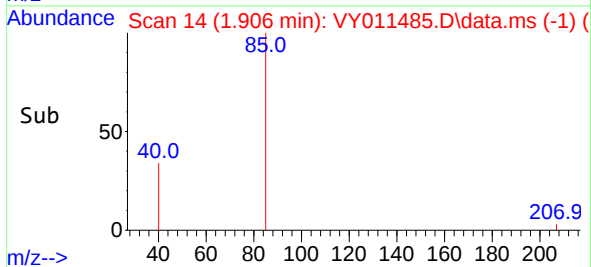
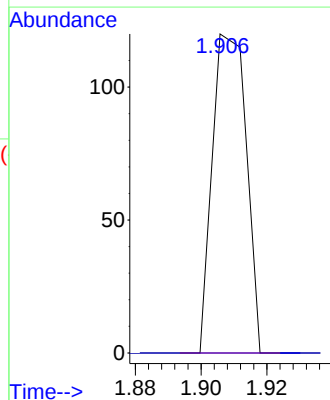
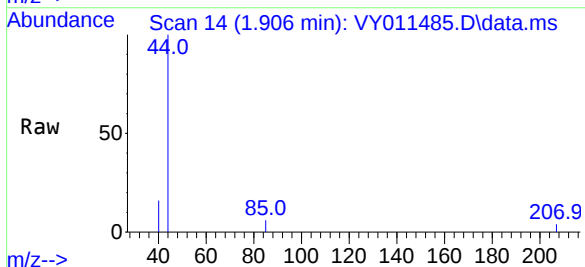
Instrument :
MSVOA_Y
ClientSampleId :

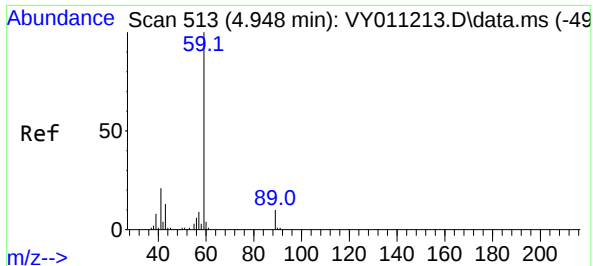
Tgt Ion:168 Resp: 251489
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

Tgt Ion: 85 Resp: 86
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

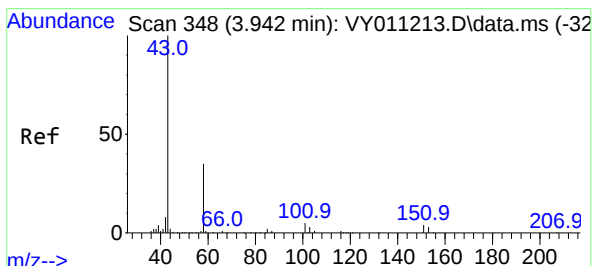
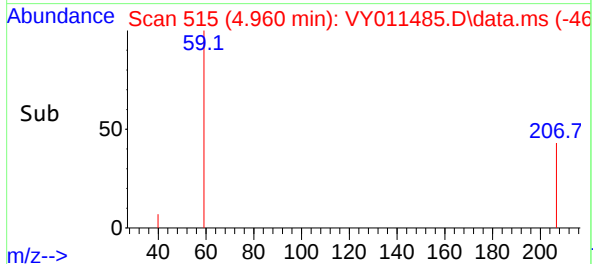
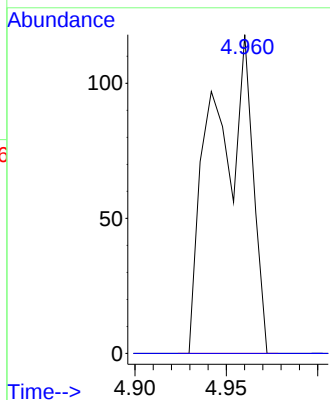
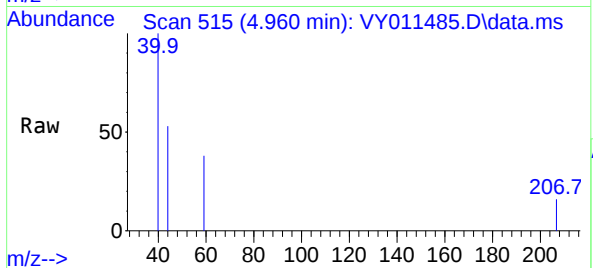




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

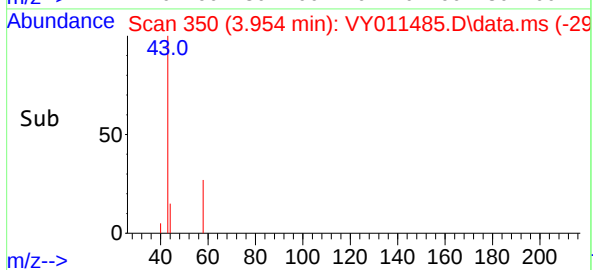
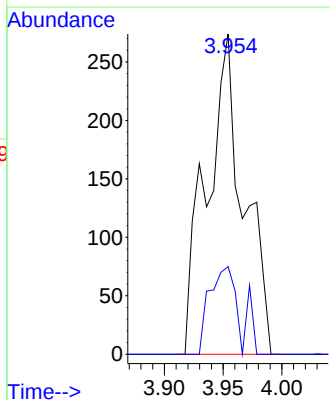
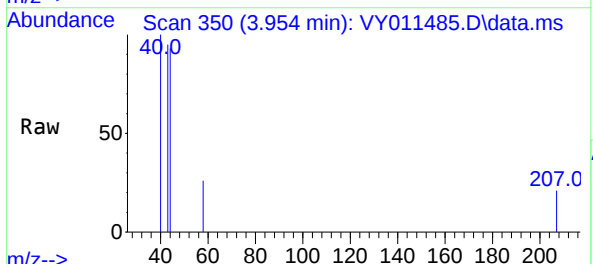
Instrument :
MSVOA_Y
ClientSampleId :

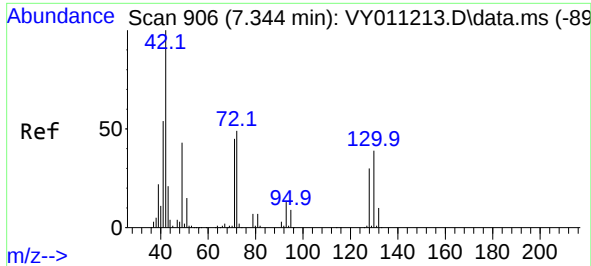
Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.072 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

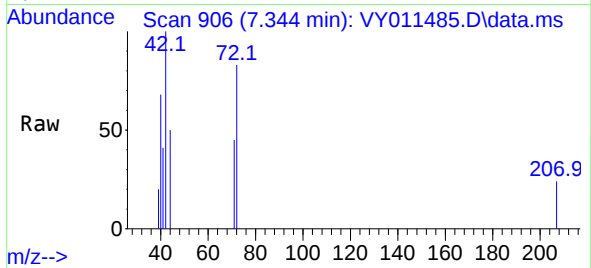
Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
58 27.4 22.0 33.0



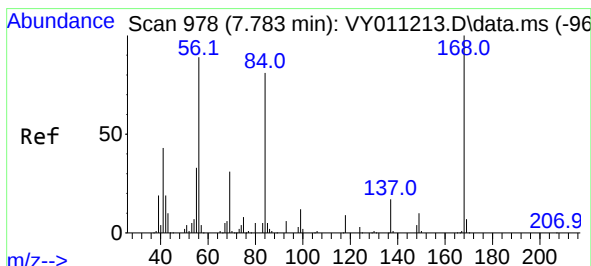
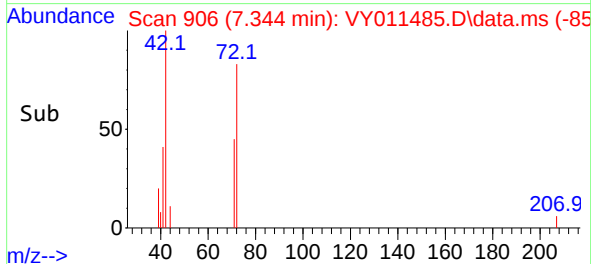
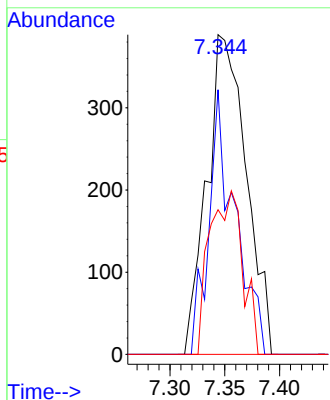


#29
Tetrahydrofuran
Concen: 2.026 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :

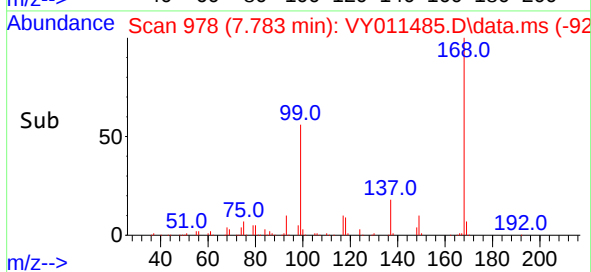
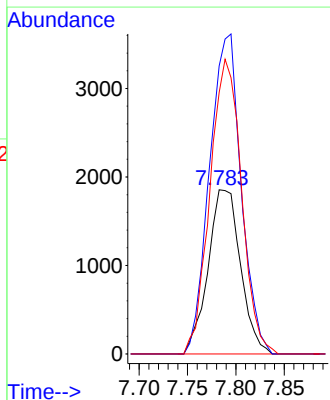
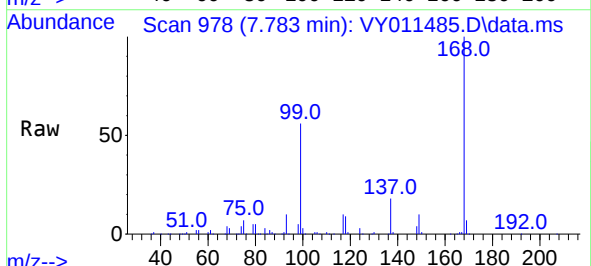


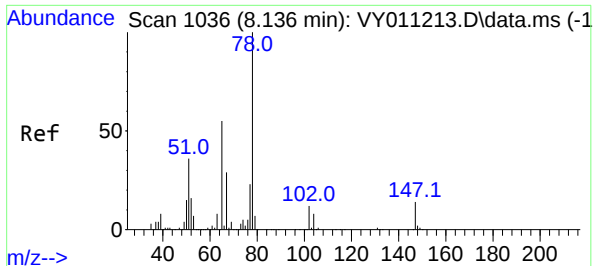
Tgt Ion: 42 Resp: 972
Ion Ratio Lower Upper
42 100
72 55.0 30.3 45.5#
71 43.1 29.0 43.4



#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

Tgt Ion: 56 Resp: 4330
Ion Ratio Lower Upper
56 100
69 175.4 26.7 40.1#
84 168.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 69.190 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY011485.D

Acq: 16 Nov 2022 19:46

Instrument :

MSVOA_Y

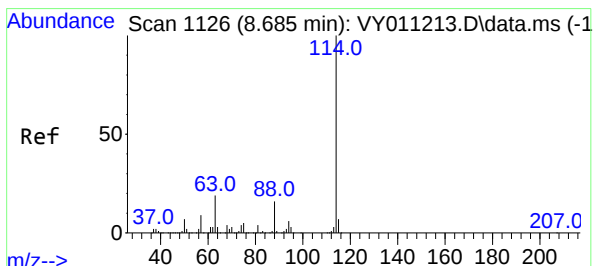
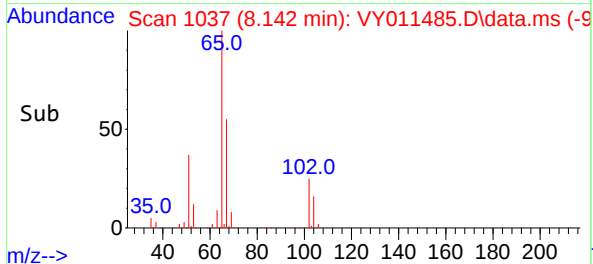
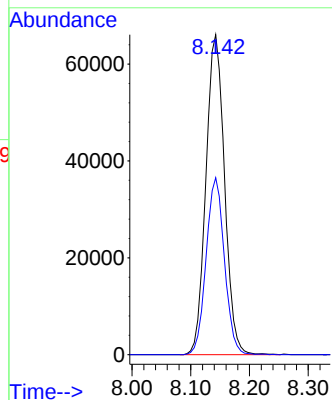
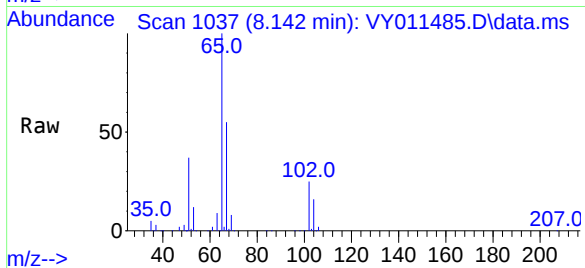
ClientSampleId :

Tgt Ion: 65 Resp: 145812

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011485.D

Acq: 16 Nov 2022 19:46

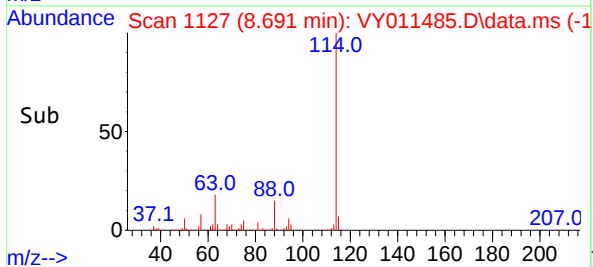
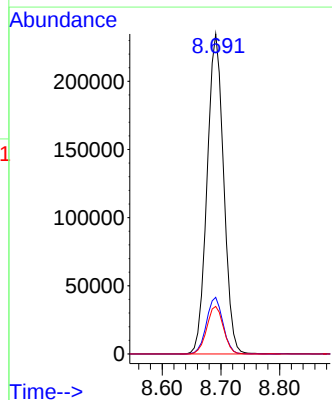
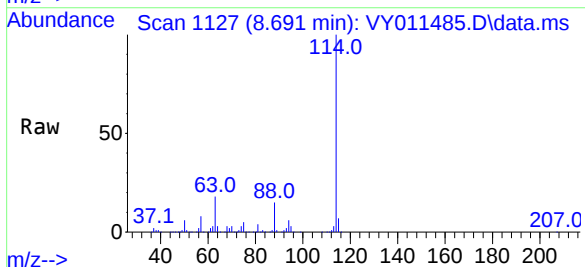
Tgt Ion: 114 Resp: 458890

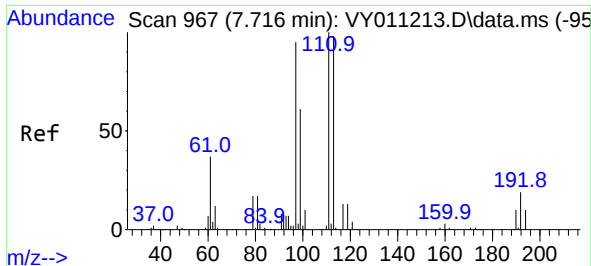
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

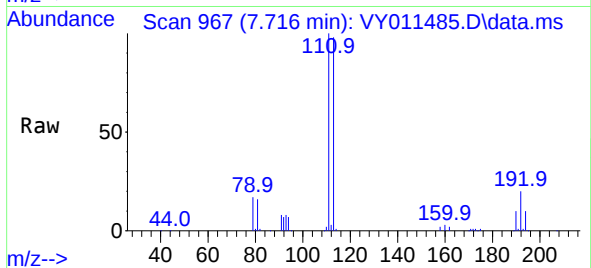
88 14.9 0.0 31.8



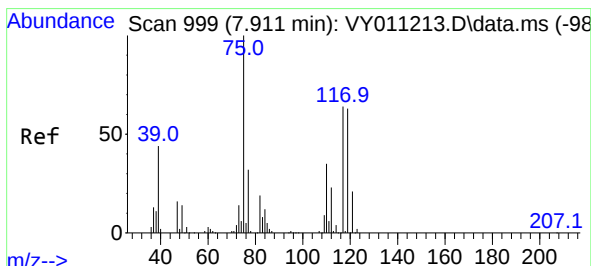
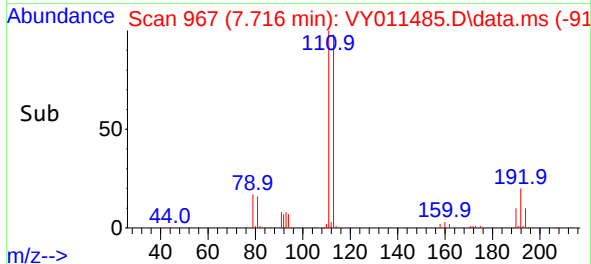
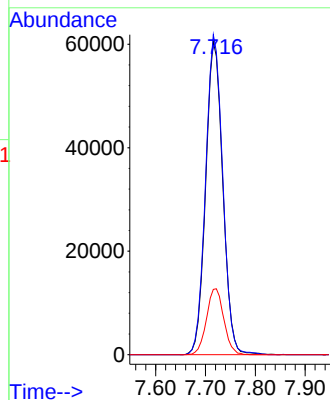


#35
Dibromofluoromethane
Concen: 55.994 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :

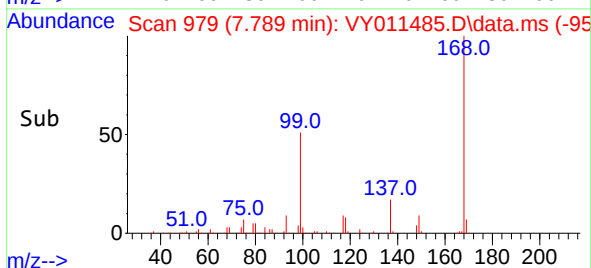
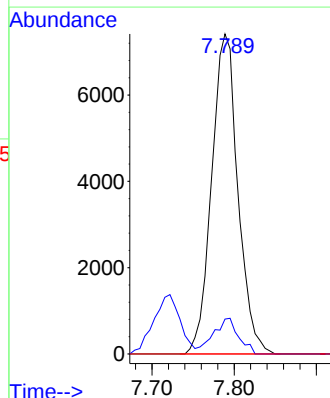
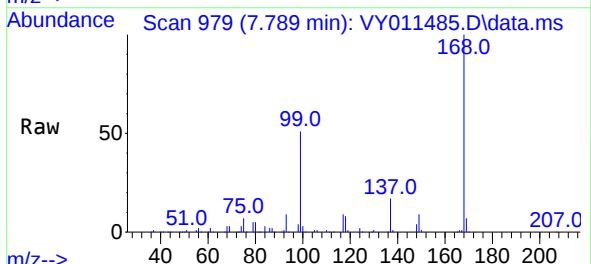


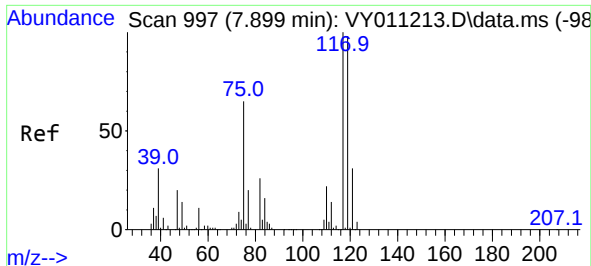
Tgt Ion:113 Resp: 144002
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 21.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.124 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

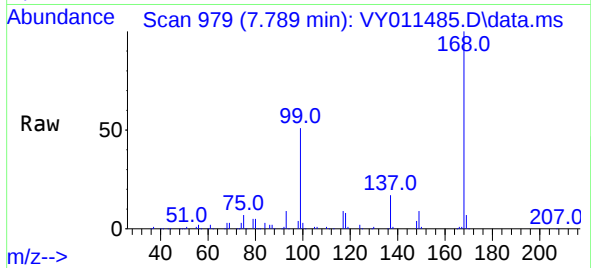
Tgt Ion: 75 Resp: 16460
Ion Ratio Lower Upper
75 100
110 10.7 17.1 51.2#
77 0.0 24.4 36.6#



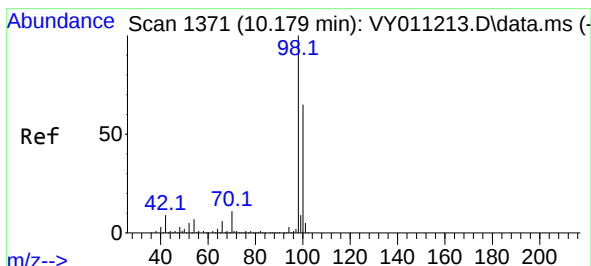
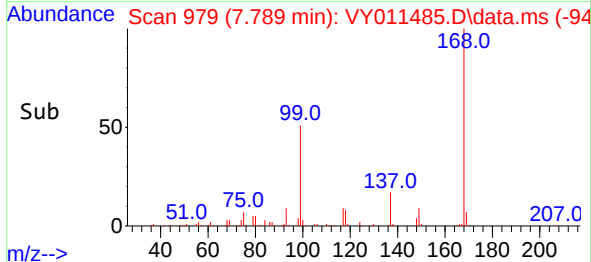
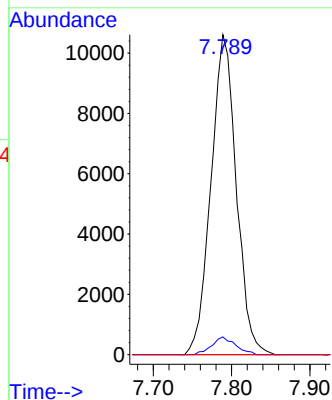


#38
Carbon Tetrachloride
Concen: 5.490 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :

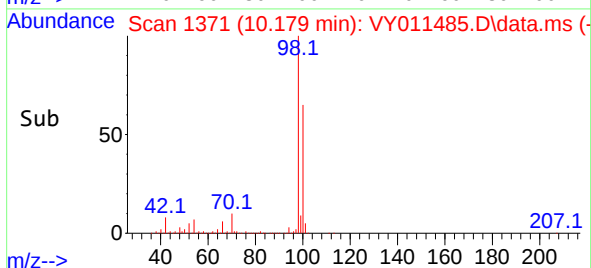
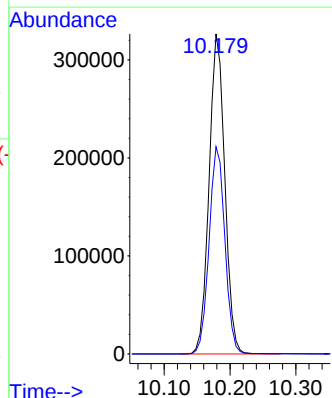
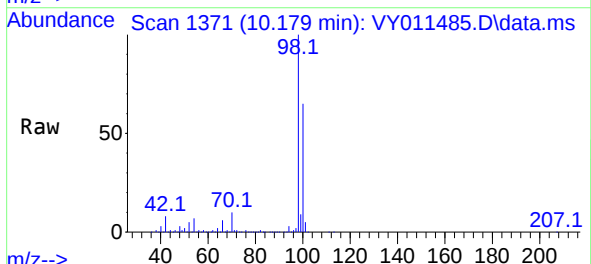


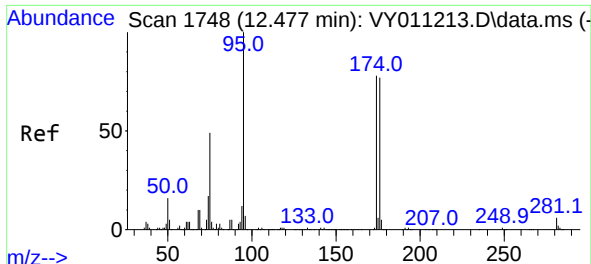
Tgt Ion:117 Resp: 23835
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.290 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

Tgt Ion: 98 Resp: 543215
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

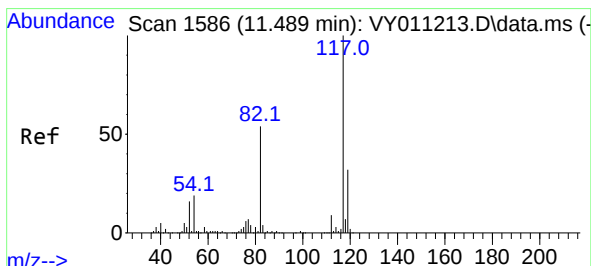
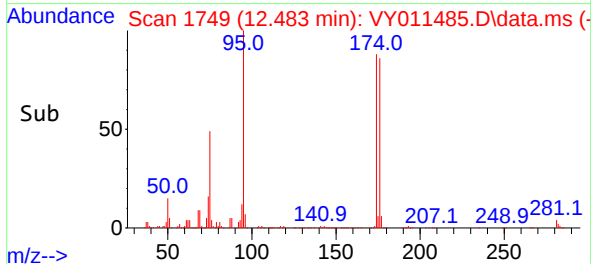
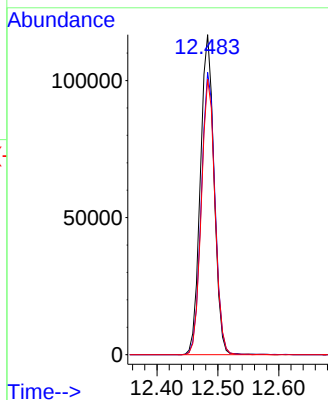
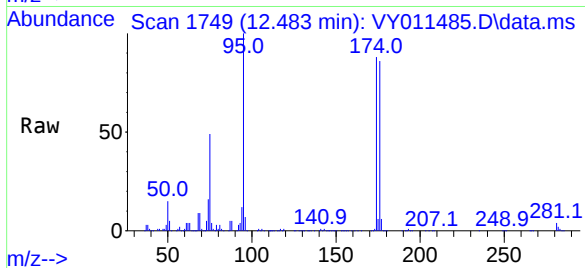




#62
4-Bromofluorobenzene
Concen: 53.147 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

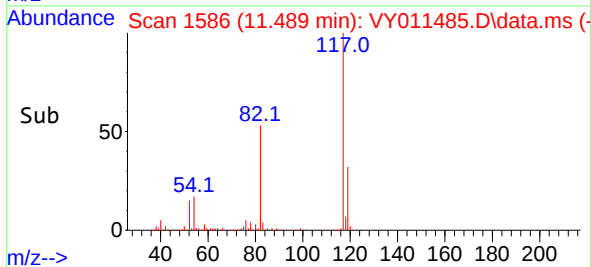
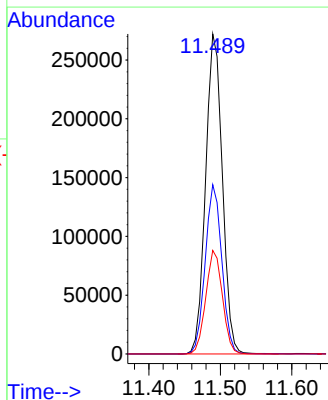
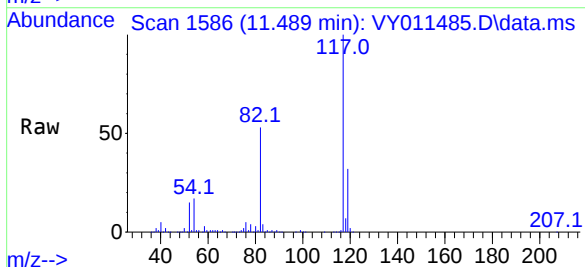
Instrument :
MSVOA_Y
ClientSampleId :

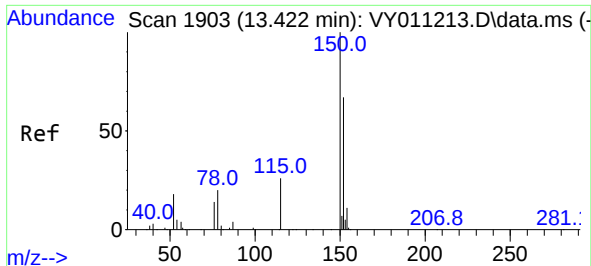
Tgt Ion: 95 Resp: 182123
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 85.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

Tgt Ion: 117 Resp: 442833
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.4 25.4 38.0

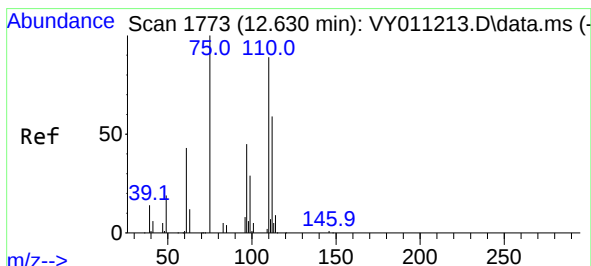
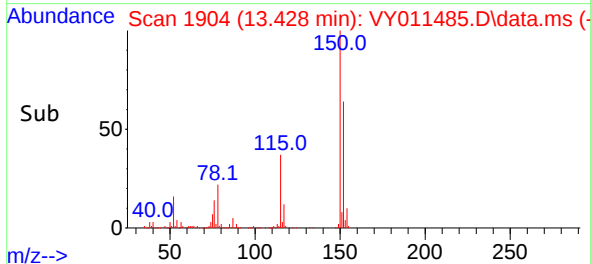
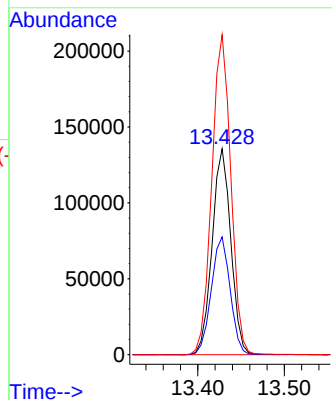
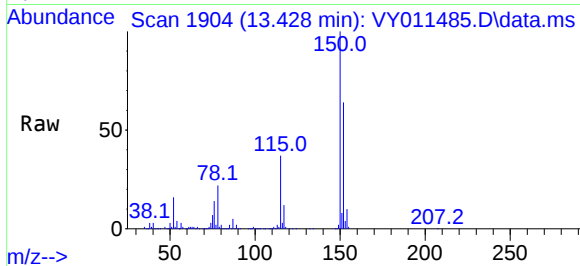




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

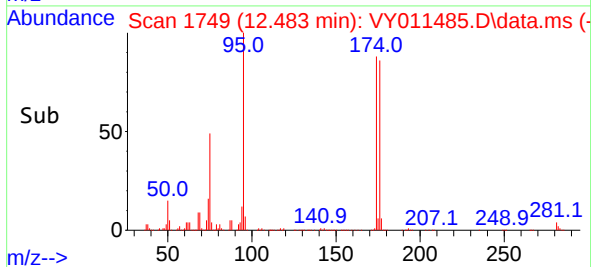
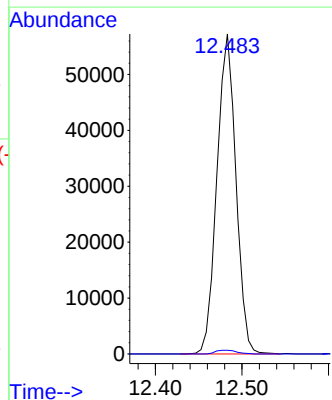
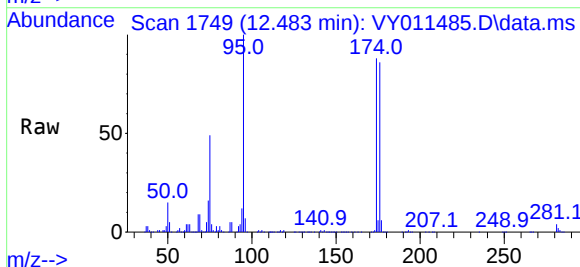
Instrument :
MSVOA_Y
ClientSampleId :

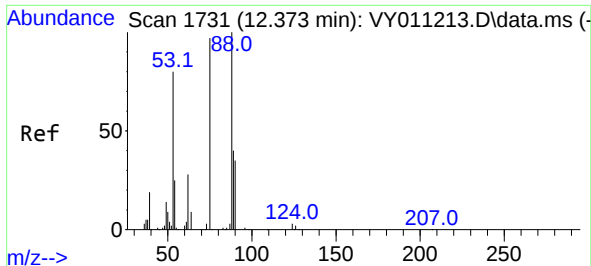
Tgt Ion:152 Resp: 203630
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 158.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 37.034 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

Tgt Ion: 75 Resp: 87291
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

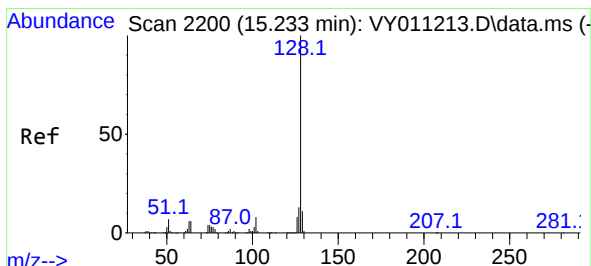
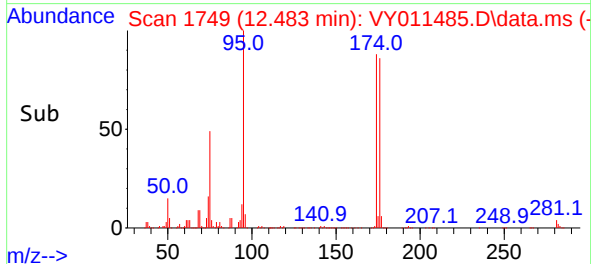
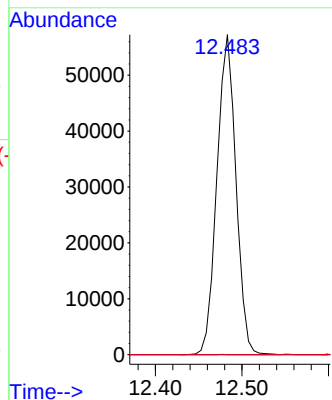
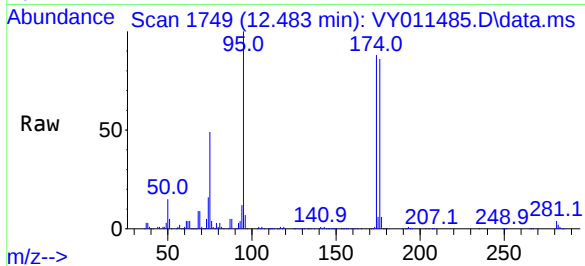




#81
trans-1,4-Dichloro-2-butene
Concen: 89.018 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 87291
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.287 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.012 min
Lab File: VY011485.D
Acq: 16 Nov 2022 19:46

Tgt Ion: 128 Resp: 96
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

