

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010533.D
 Acq On : 16 Sep 2022 14:30
 Operator : KP/MD
 Sample : N4644-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-6-091422

Quant Time: Sep 17 00:28:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

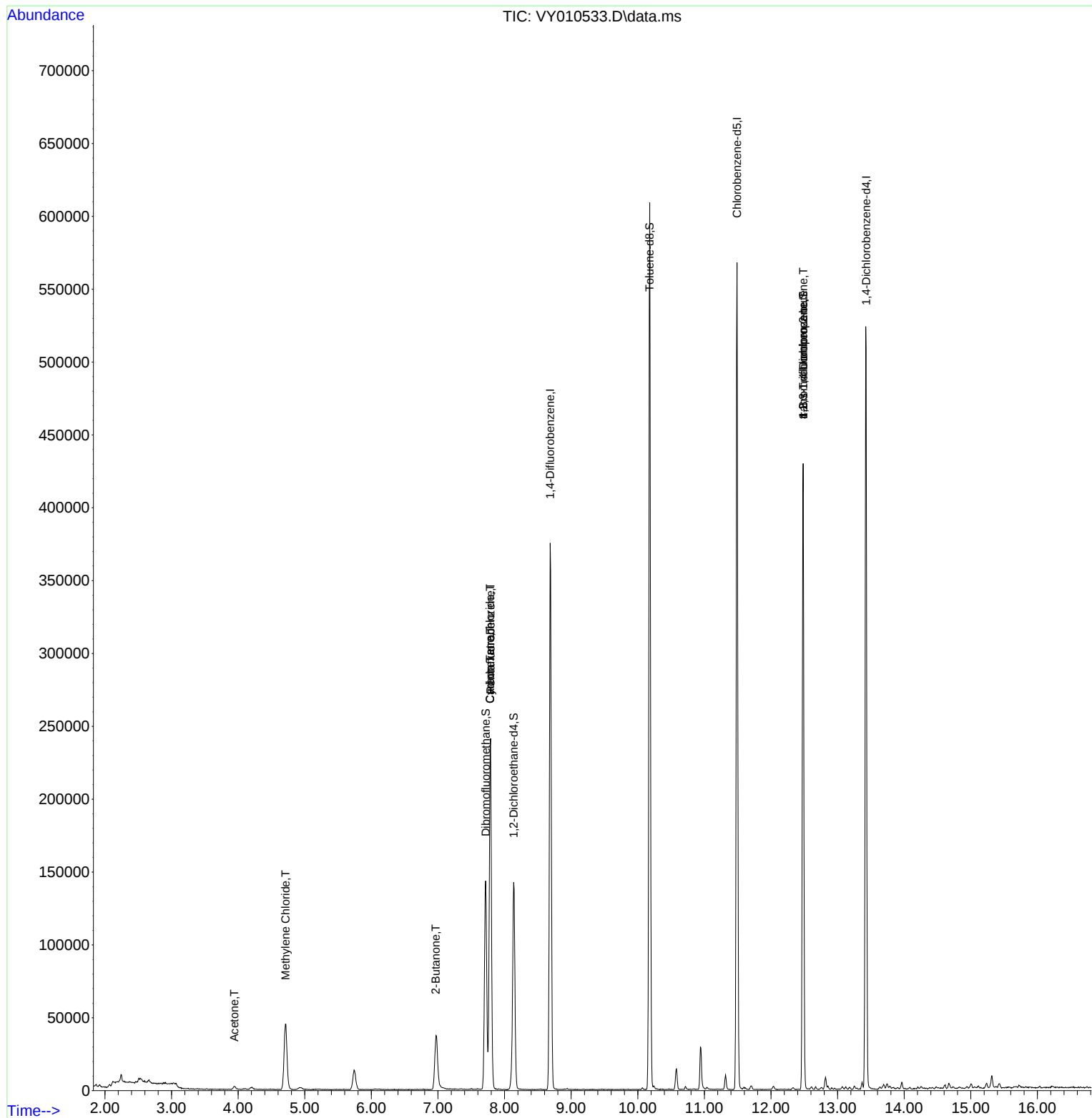
Internal Standards						
1) Pentafluorobenzene	7.789	168	189324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	108633	56.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.940%	
35) Dibromofluoromethane	7.716	113	102200	44.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.100%	
50) Toluene-d8	10.179	98	387255	51.503	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.483	95	128672	42.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.420%	
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	271	Below Cal		Qvalue 86
11) Tert butyl alcohol	4.924	59	979	Below Cal	#	77
16) Acetone	3.942	43	3849	8.796	ug/l	98
20) Methylene Chloride	4.710	84	35244	11.318	ug/l #	79
25) 2-Butanone	6.966	43	2283	3.283	ug/l #	81
31) Cyclohexane	7.783	56	4027	1.250	ug/l #	26
38) Carbon Tetrachloride	7.783	117	18967	5.368	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.783	63	27	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.483	75	67201	44.488	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67201	98.780	ug/l #	7

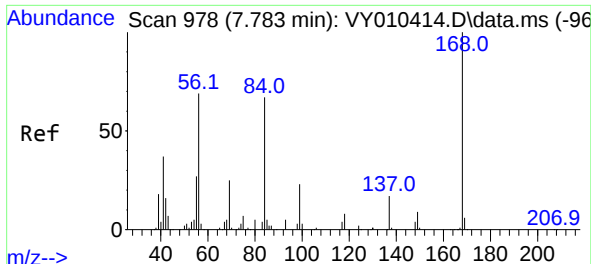
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
Data File : VY010533.D
Acq On : 16 Sep 2022 14:30
Operator : KP/MD
Sample : N4644-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-6-091422

Quant Time: Sep 17 00:28:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 09 17:08:30 2022
Response via : Initial Calibration

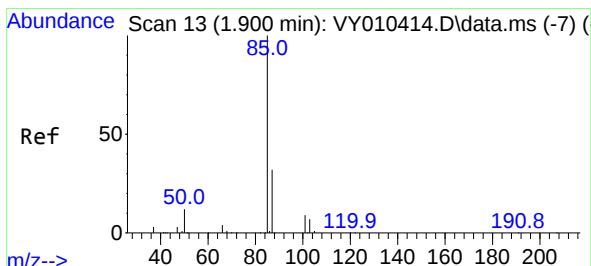
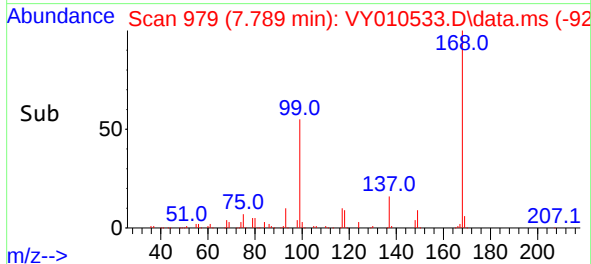
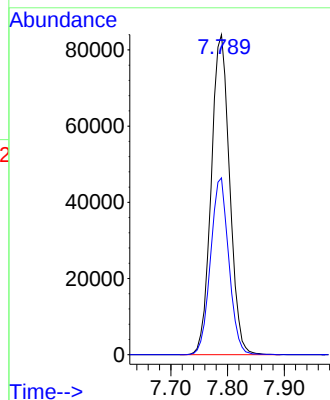
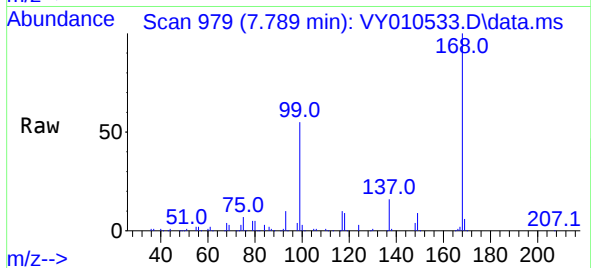




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

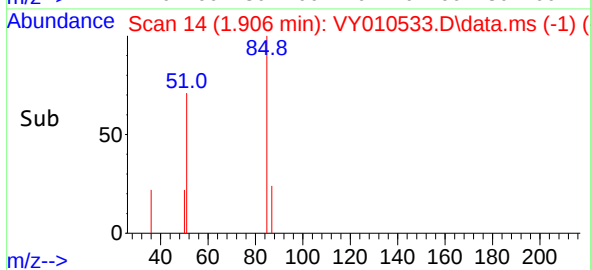
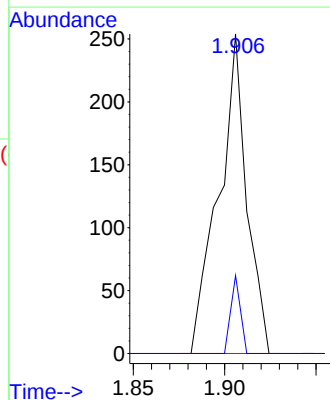
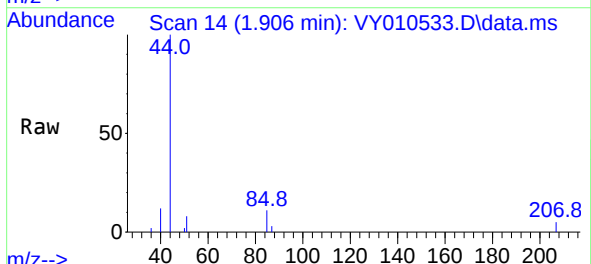
Instrument :
MSVOA_Y
ClientSampleId :
TR-6-091422

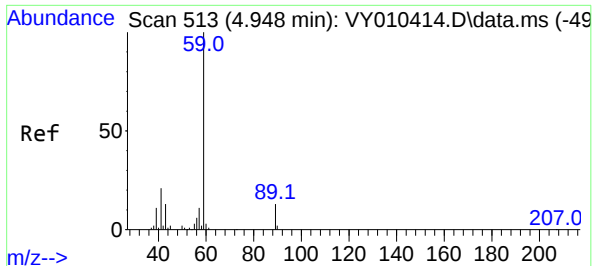
Tgt Ion:168 Resp: 189324
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

Tgt Ion: 85 Resp: 271
Ion Ratio Lower Upper
85 100
87 24.4 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY010533.D

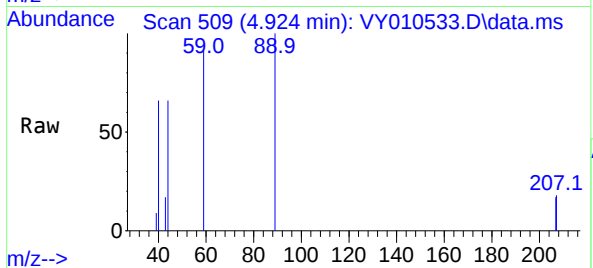
Acq: 16 Sep 2022 14:30

Instrument :

MSVOA_Y

ClientSampleId :

TR-6-091422

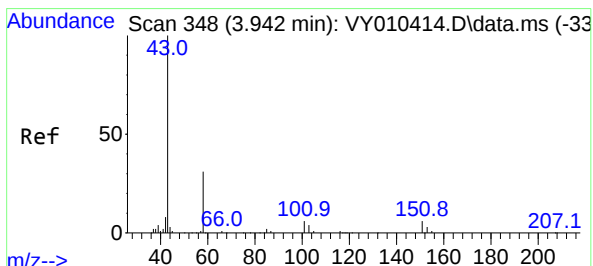
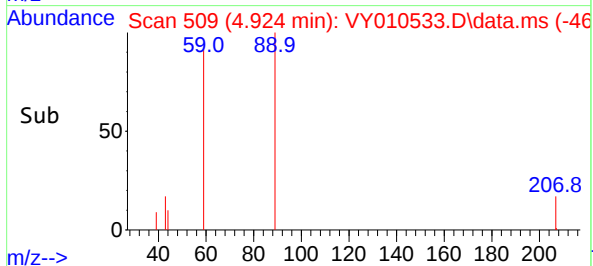
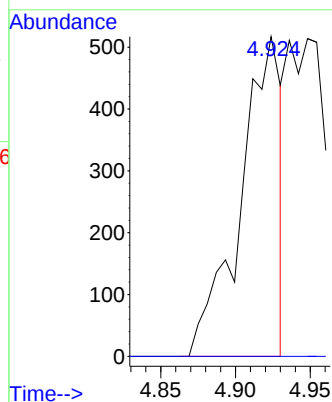


Tgt Ion: 59 Resp: 979

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 8.796 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY010533.D

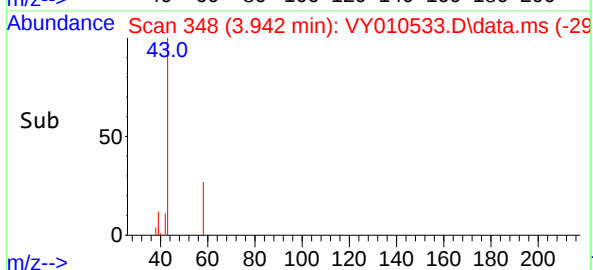
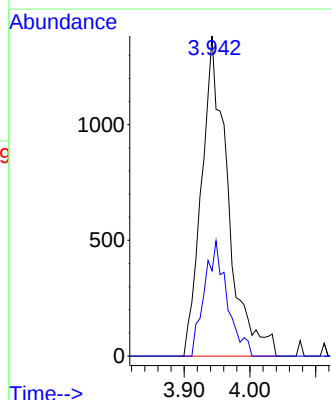
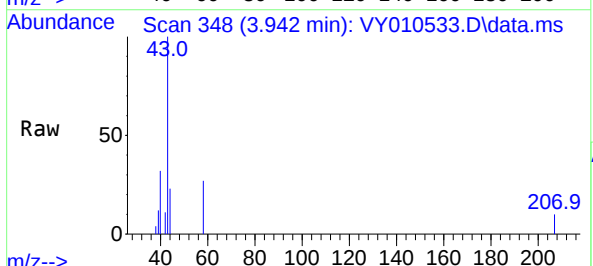
Acq: 16 Sep 2022 14:30

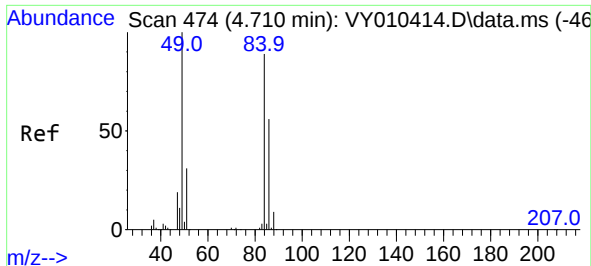
Tgt Ion: 43 Resp: 3849

Ion Ratio Lower Upper

43 100

58 26.6 22.0 33.0

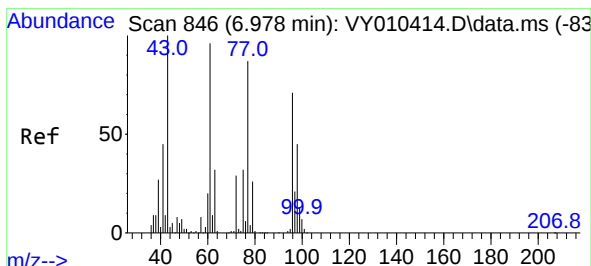
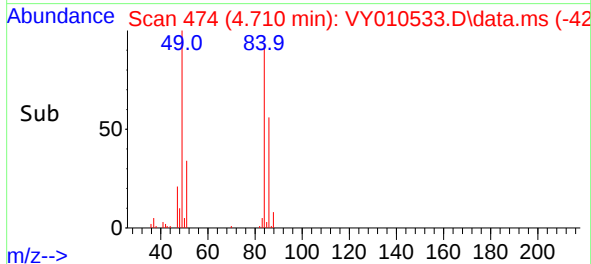
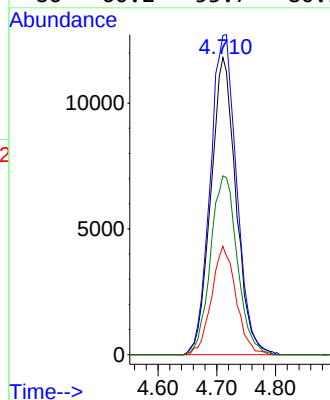
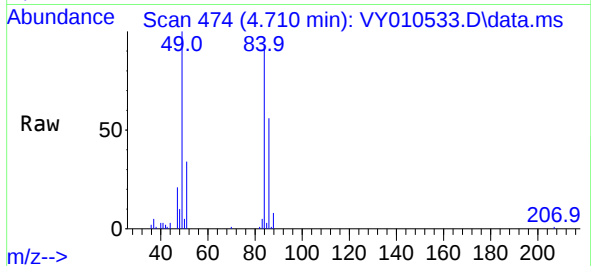




#20
Methylene Chloride
Concen: 11.318 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

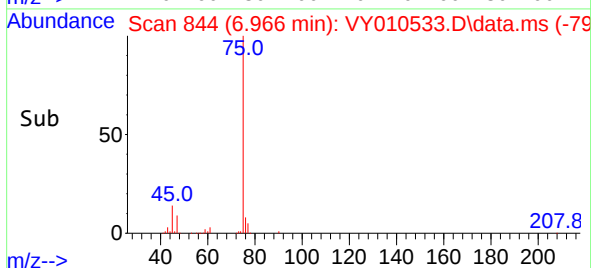
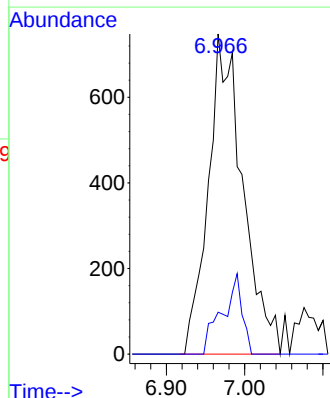
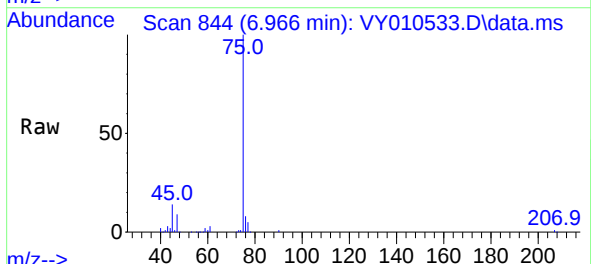
Instrument :
MSVOA_Y
ClientSampleId :
TR-6-091422

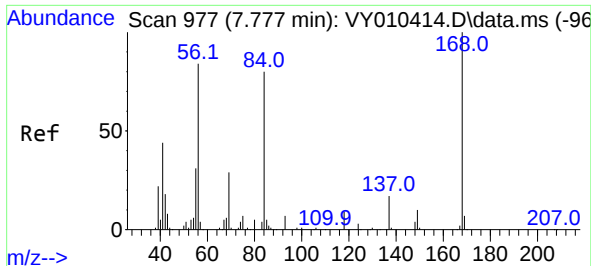
Tgt Ion: 84 Resp: 35244
Ion Ratio Lower Upper
84 100
49 107.5 114.4 171.6#
51 36.4 35.3 52.9
86 60.2 53.7 80.5



#25
2-Butanone
Concen: 3.283 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

Tgt Ion: 43 Resp: 2283
Ion Ratio Lower Upper
43 100
72 13.1 17.7 26.5#

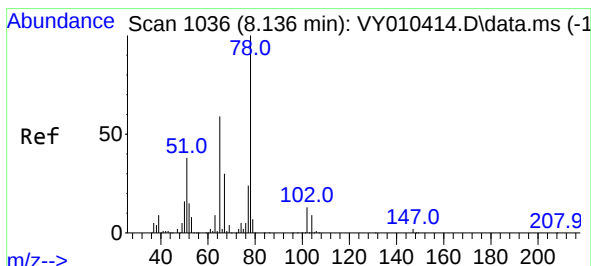
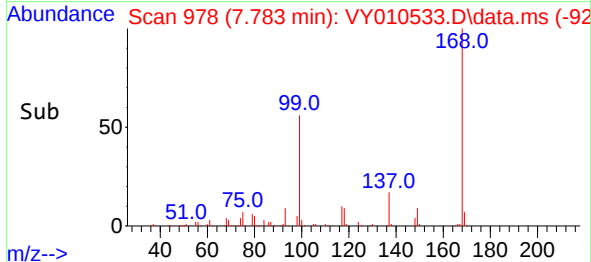
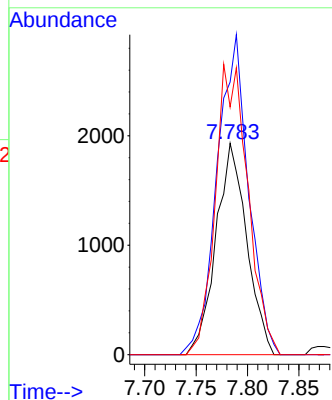
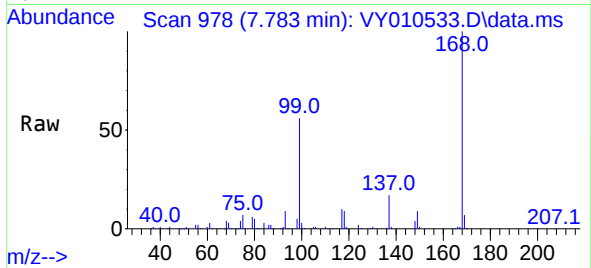




#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

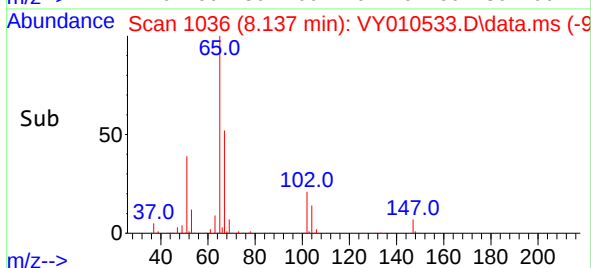
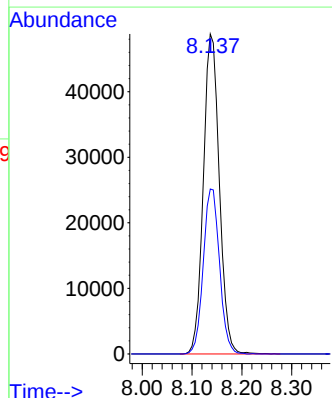
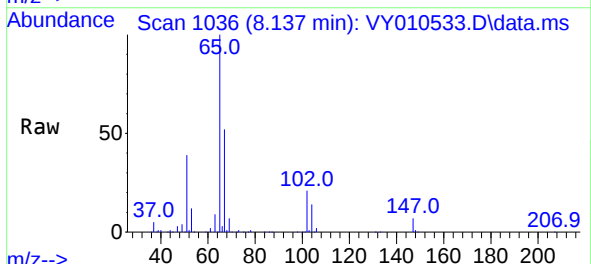
Instrument :
MSVOA_Y
ClientSampleId :
TR-6-091422

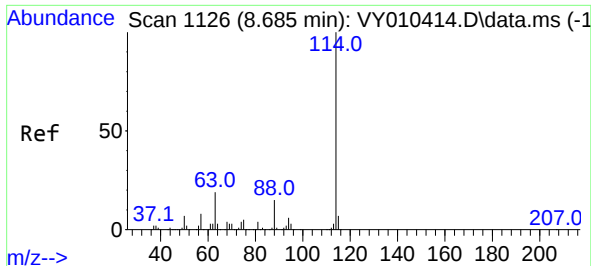
Tgt Ion: 56 Resp: 4027
Ion Ratio Lower Upper
56 100
69 129.0 26.7 40.1#
84 117.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.971 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

Tgt Ion: 65 Resp: 108633
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010533.D

Acq: 16 Sep 2022 14:30

Instrument :

MSVOA_Y

ClientSampleId :

TR-6-091422

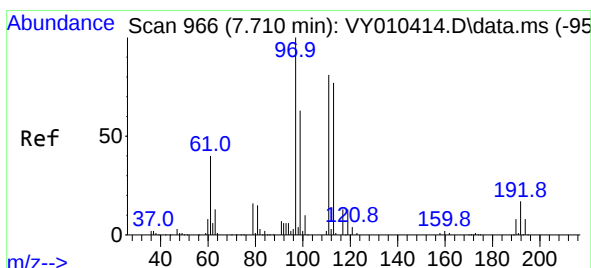
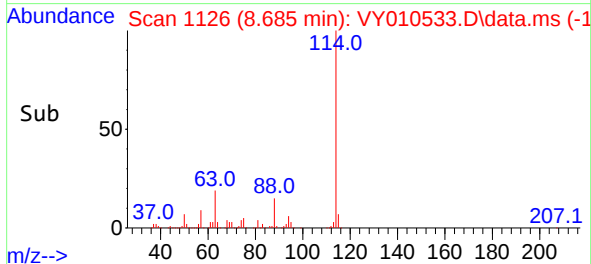
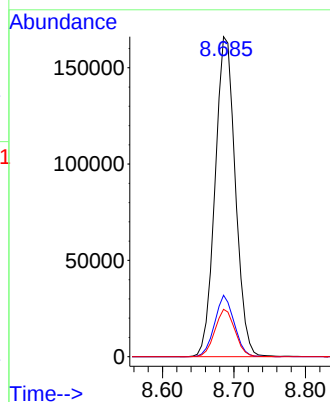
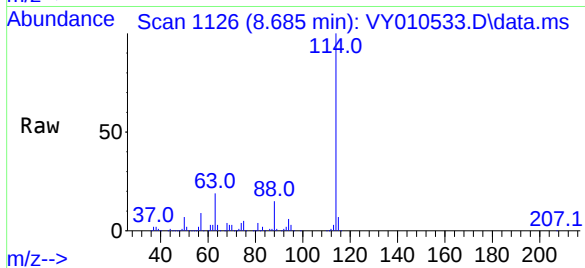
Tgt Ion:114 Resp: 326671

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.051 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010533.D

Acq: 16 Sep 2022 14:30

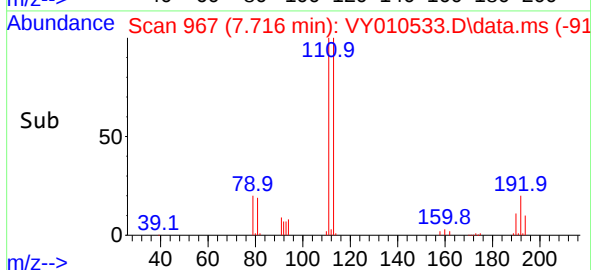
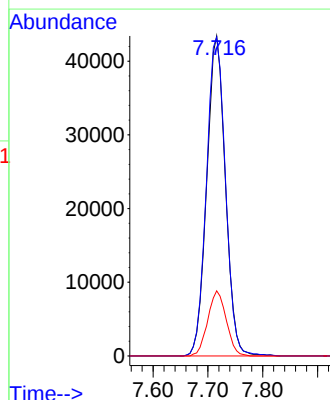
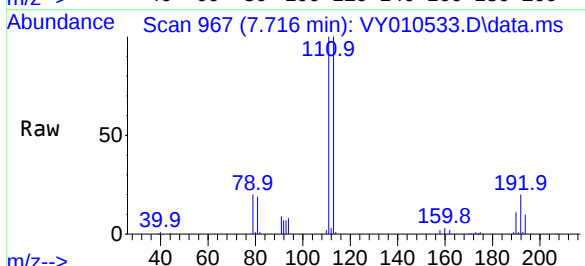
Tgt Ion:113 Resp: 102200

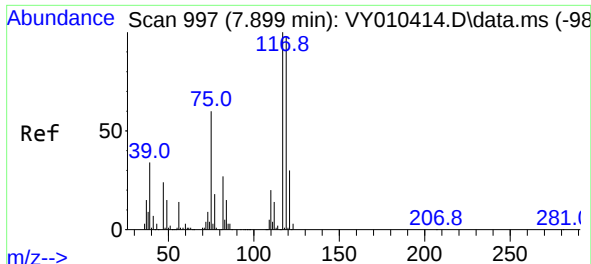
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 20.2 17.6 26.4

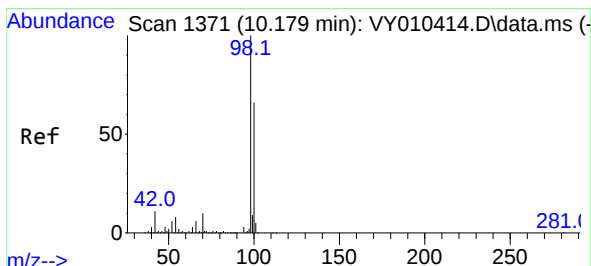
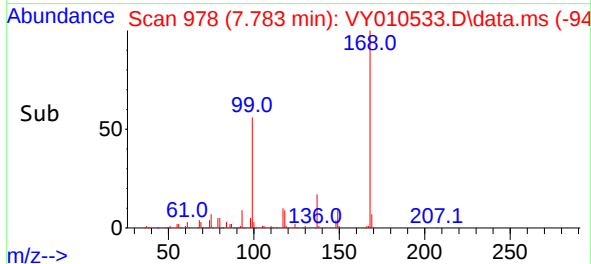
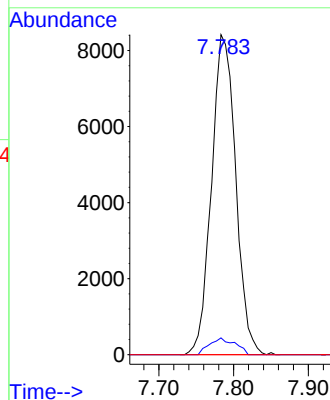
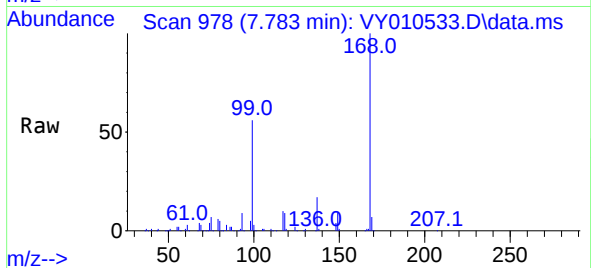




#38
Carbon Tetrachloride
Concen: 5.368 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

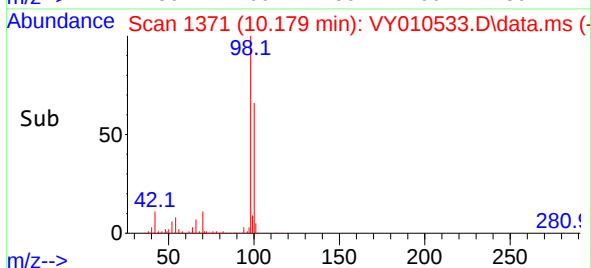
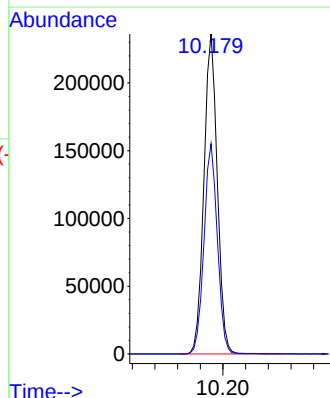
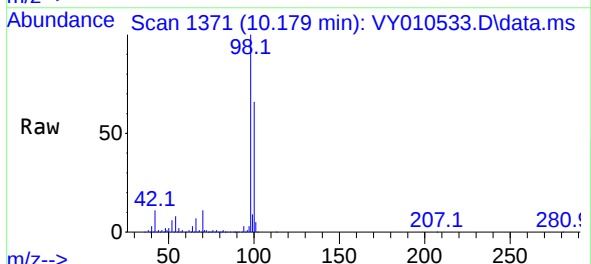
Instrument :
MSVOA_Y
ClientSampleId :
TR-6-091422

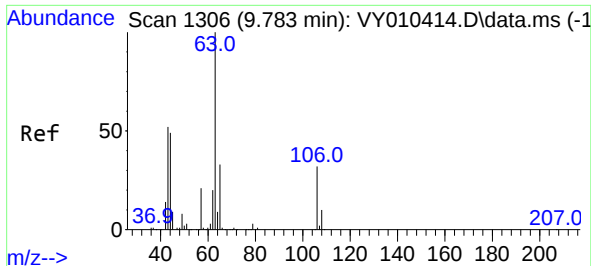
Tgt Ion:117 Resp: 18967
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.503 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

Tgt Ion: 98 Resp: 387255
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

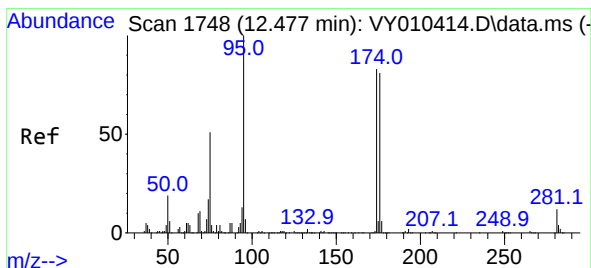
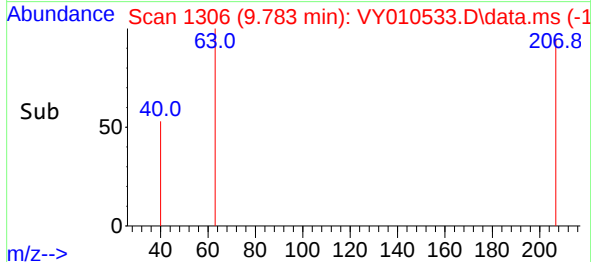
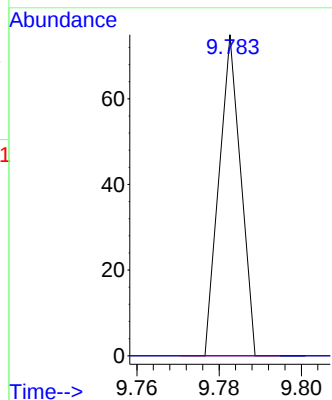
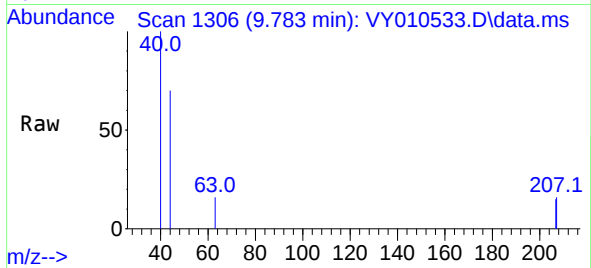




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.783 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

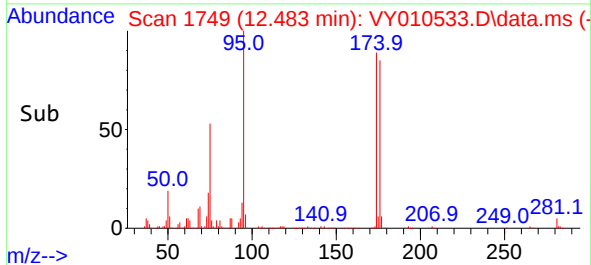
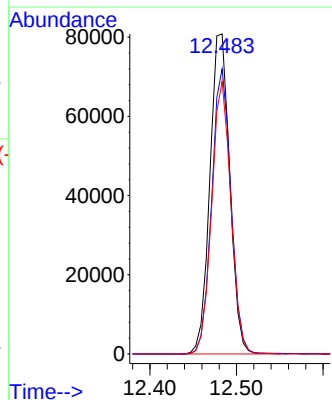
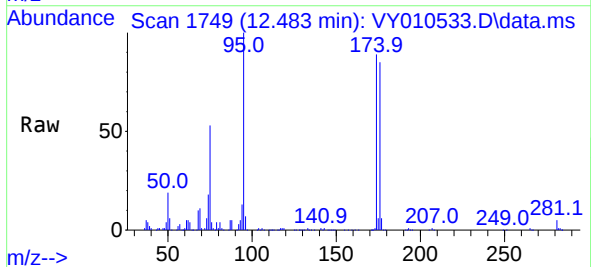
Instrument :
MSVOA_Y
ClientSampleId :
TR-6-091422

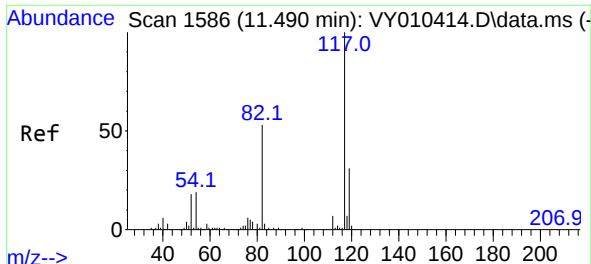
Tgt Ion: 63 Resp: 27
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#62
4-Bromofluorobenzene
Concen: 42.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

Tgt Ion: 95 Resp: 128672
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 82.1 0.0 175.8

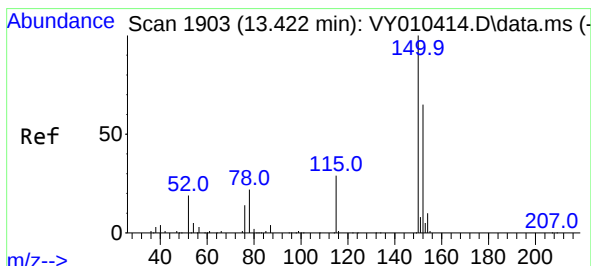
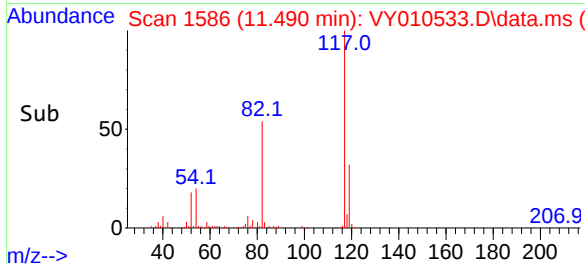
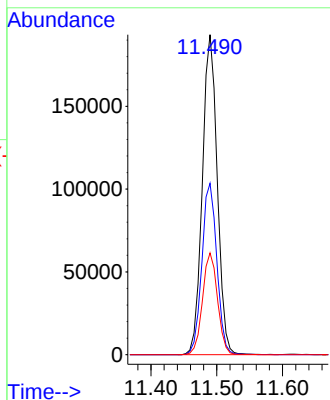
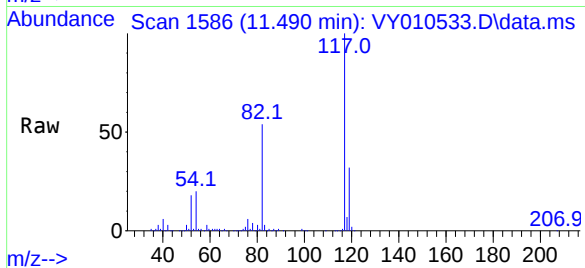




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

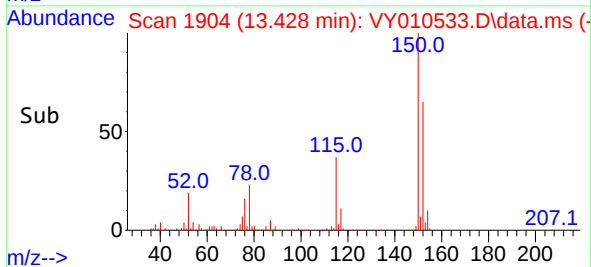
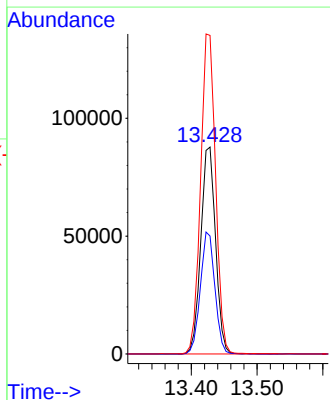
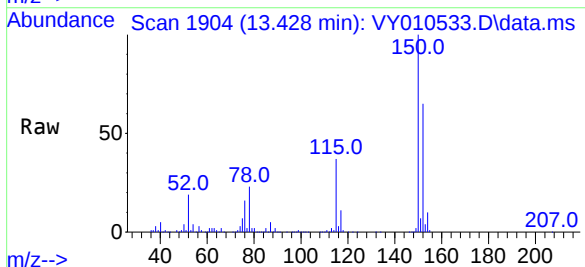
Instrument :
MSVOA_Y
ClientSampleId :
TR-6-091422

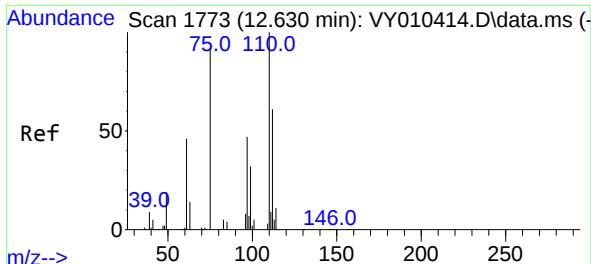
Tgt Ion:117 Resp: 305523
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

Tgt Ion:152 Resp: 136865
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.2 0.0 347.6

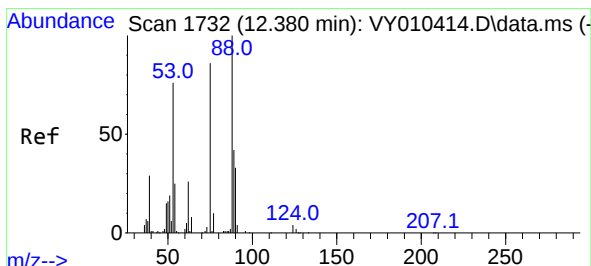
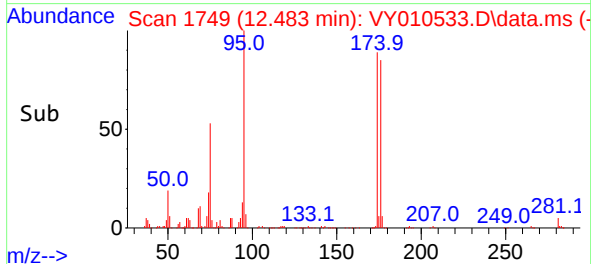
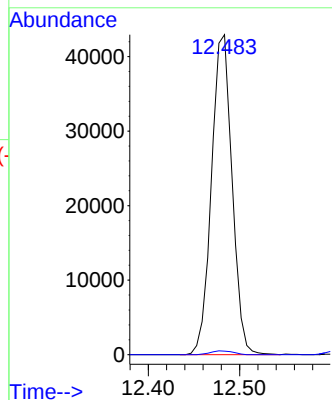
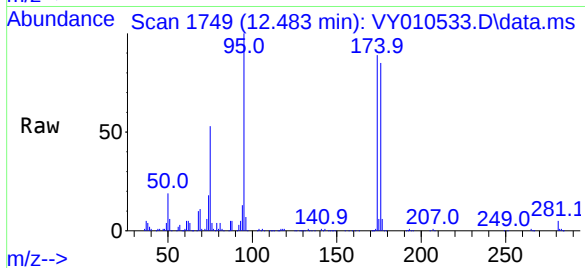




#76
1,2,3-Trichloropropane
Concen: 44.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

Instrument :
MSVOA_Y
ClientSampleId :
TR-6-091422

Tgt Ion: 75 Resp: 67201
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.780 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY010533.D
Acq: 16 Sep 2022 14:30

Tgt Ion: 75 Resp: 67201
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

