

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011601.D
 Acq On : 28 Nov 2022 15:46
 Operator : KP/MD
 Sample : N5795-01
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10

Quant Time: Nov 29 00:25:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

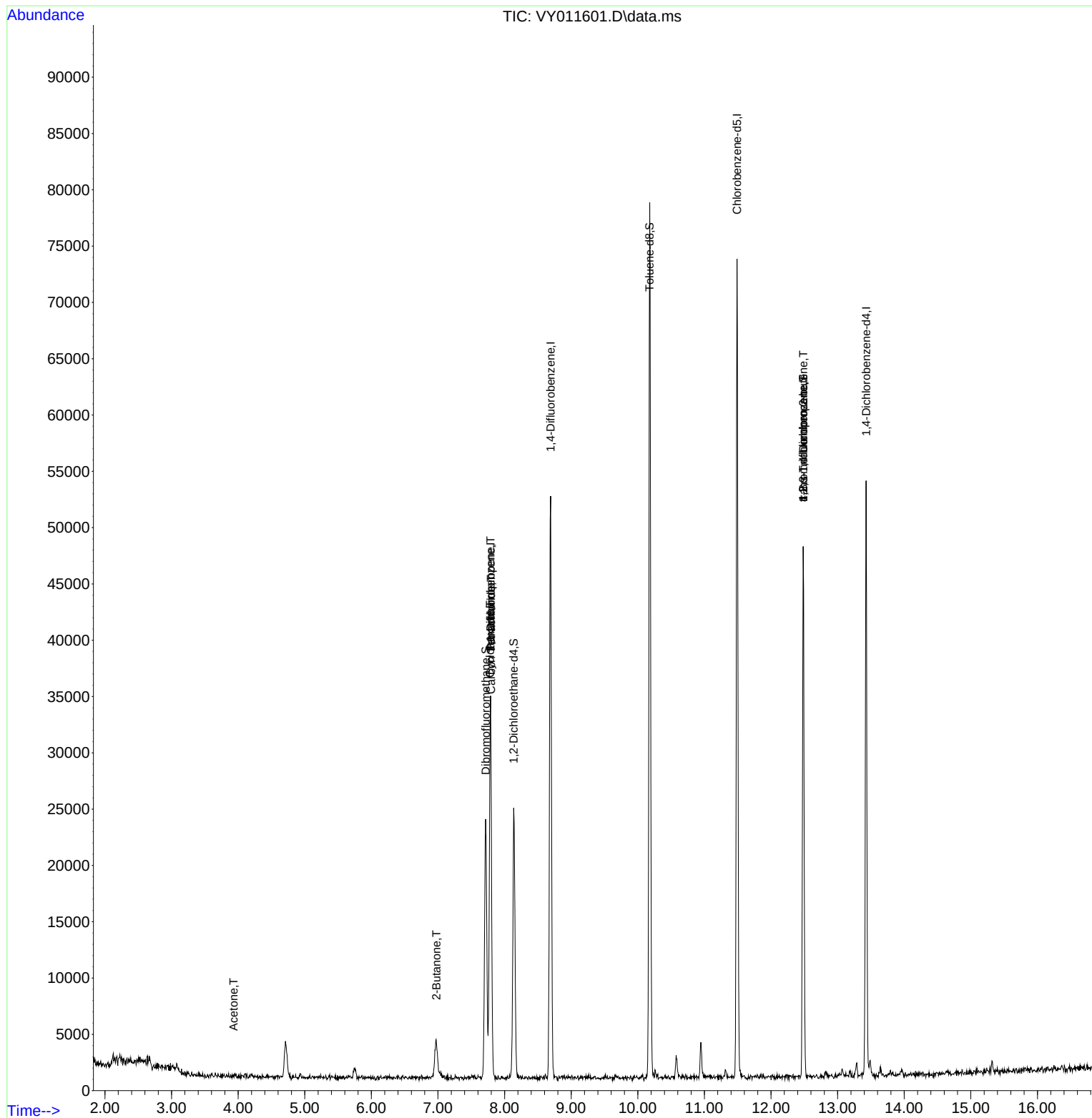
Internal Standards						
1) Pentafluorobenzene	7.789	168	25909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	44742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	39104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18264	69.424	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.840%			
35) Dibromofluoromethane	7.716	113	16480	59.834	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.660%			
50) Toluene-d8	10.179	98	52453	52.407	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.820%			
62) 4-Bromofluorobenzene	12.483	95	13709	37.046	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 74.100%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	64	Below Cal	#	54
5) Bromomethane	2.662	94	133	Below Cal	#	53
11) Tert butyl alcohol	4.942	59	95	Below Cal	#	77
16) Acetone	3.930	43	100	1.170	ug/l #	47
20) Methylene Chloride	4.716	84	2336	Below Cal	#	78
25) 2-Butanone	6.978	43	226	2.012	ug/l #	54
31) Cyclohexane	7.783	56	621	1.424	ug/l #	35
36) 1,1-Dichloropropene	7.789	75	2245	5.214	ug/l #	46
38) Carbon Tetrachloride	7.795	117	2550	5.294	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	7219	50.077	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7219	109.685	ug/l #	7

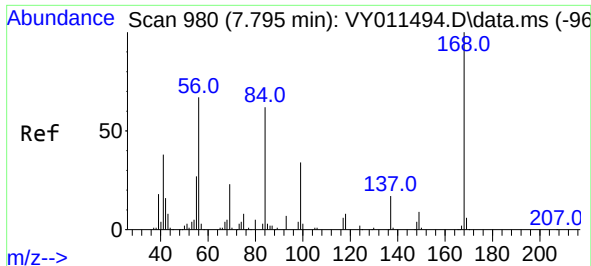
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

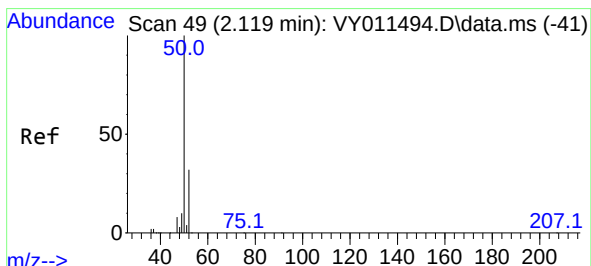
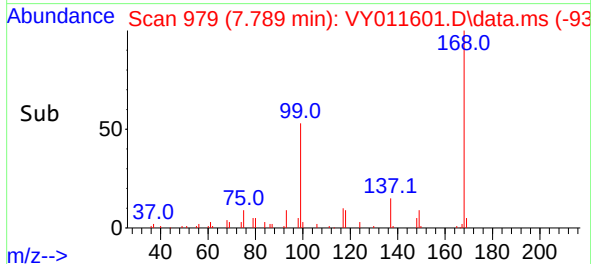
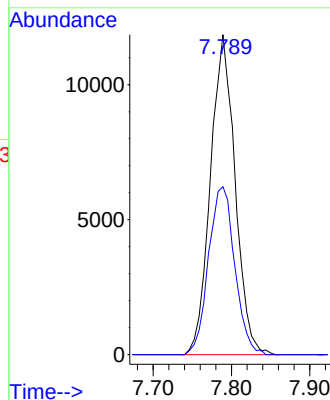
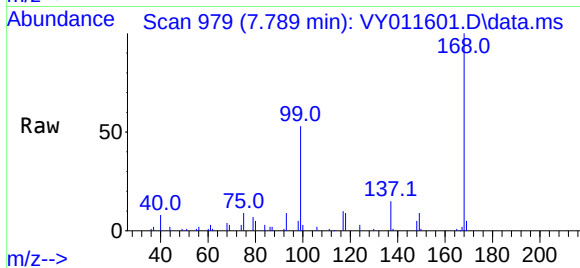




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

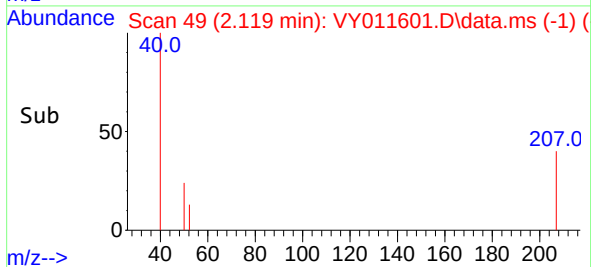
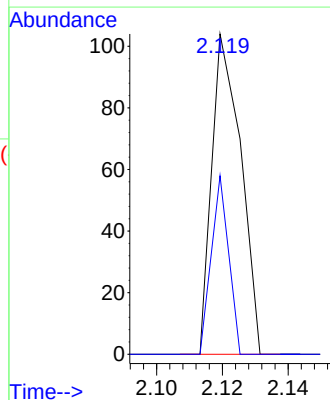
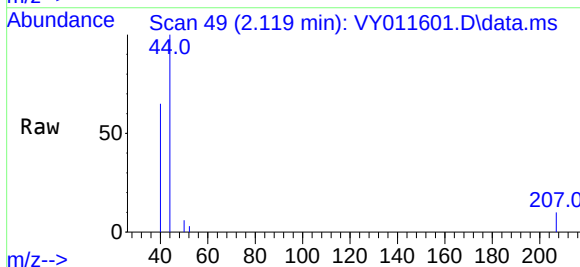
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

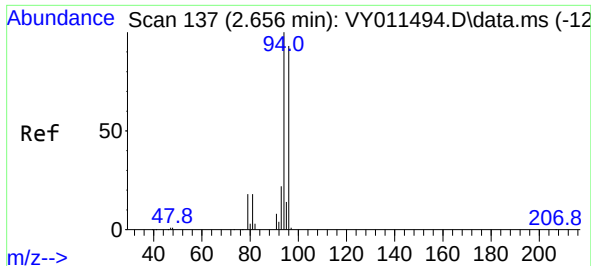
Tgt Ion:168 Resp: 25909
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

Tgt Ion: 50 Resp: 64
Ion Ratio Lower Upper
50 100
52 55.8 24.6 37.0#

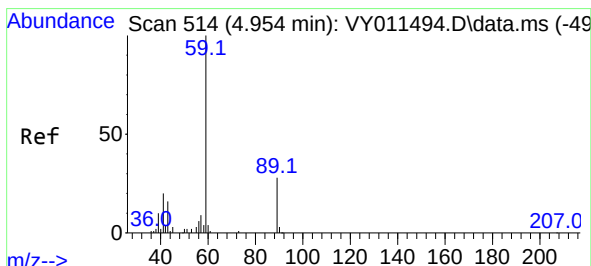
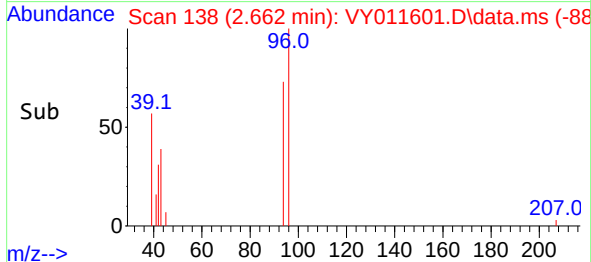
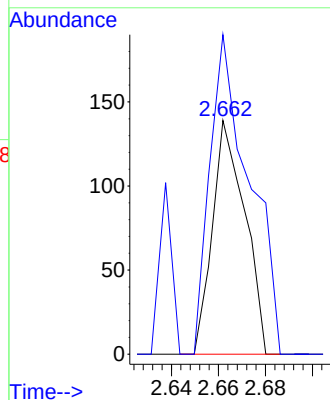
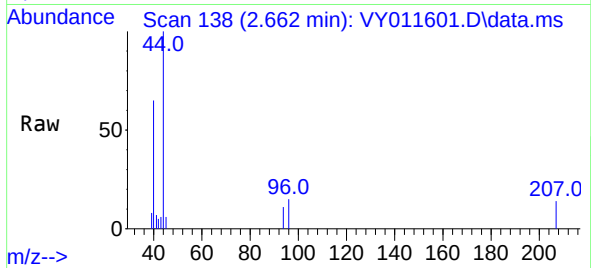




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

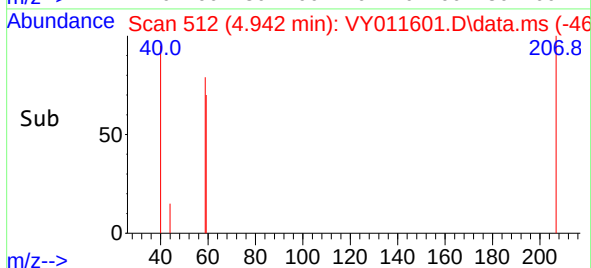
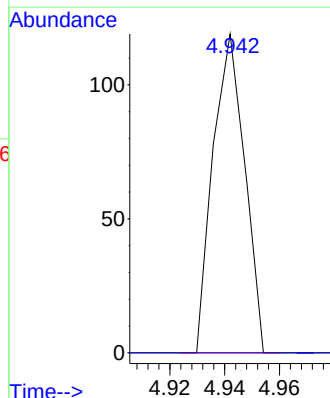
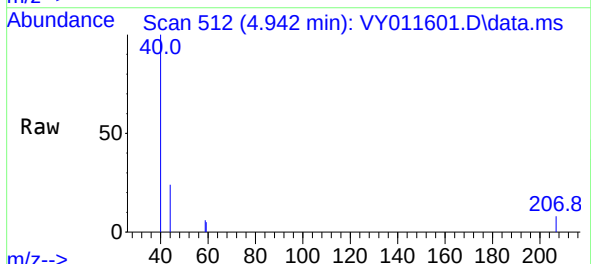
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

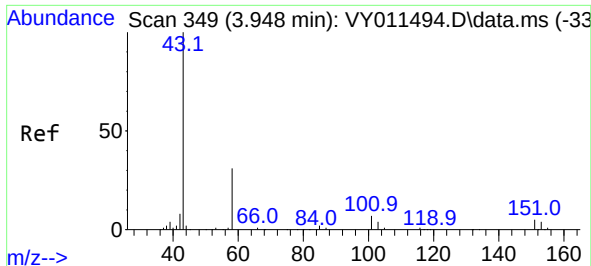
Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 136.7 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

Tgt Ion: 59 Resp: 95
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

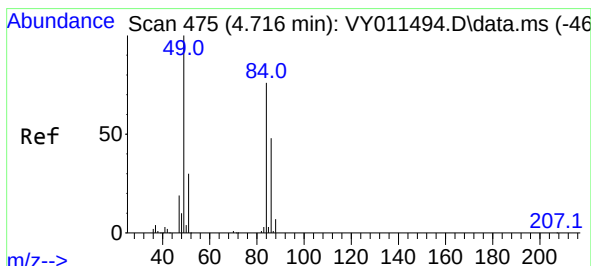
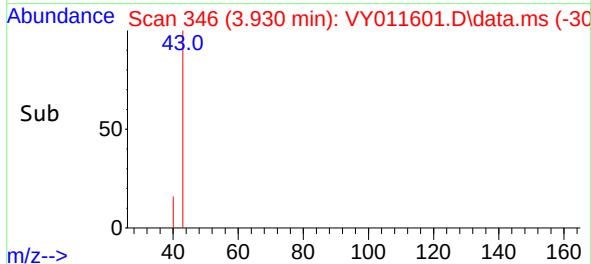
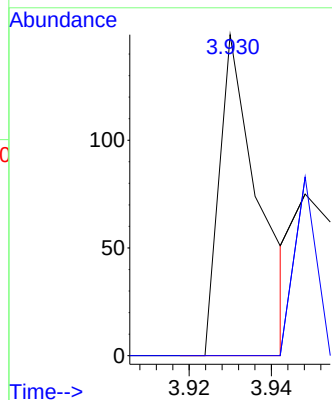
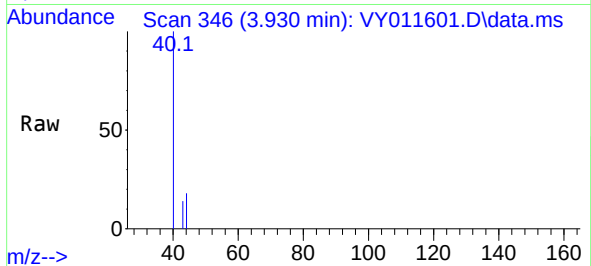




#16
Acetone
Concen: 1.170 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

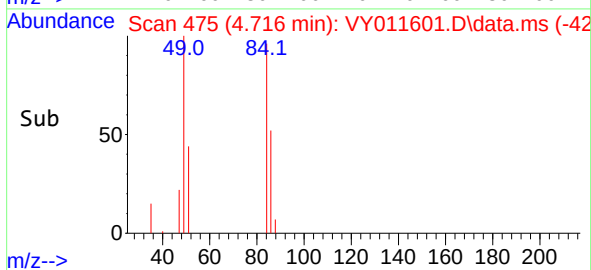
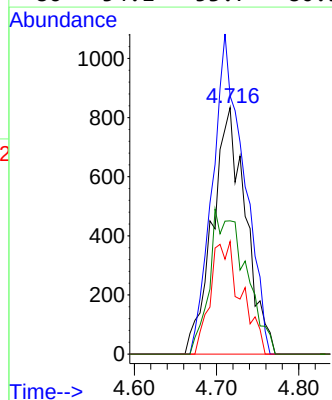
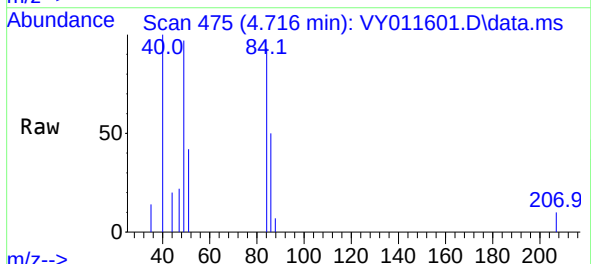
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

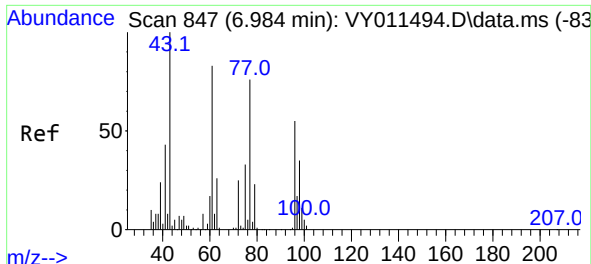
Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

Tgt Ion: 84 Resp: 2336
Ion Ratio Lower Upper
84 100
49 104.7 114.4 171.6#
51 45.7 35.3 52.9
86 54.1 53.7 80.5





#25

2-Butanone

Concen: 2.012 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY011601.D

Acq: 28 Nov 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

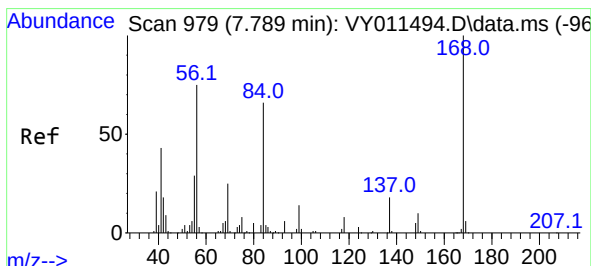
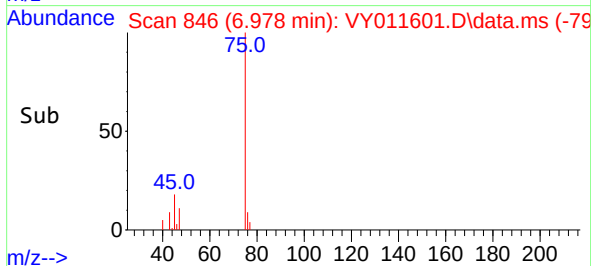
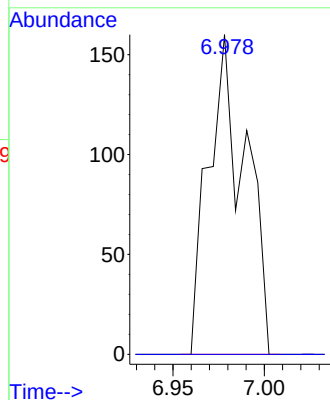
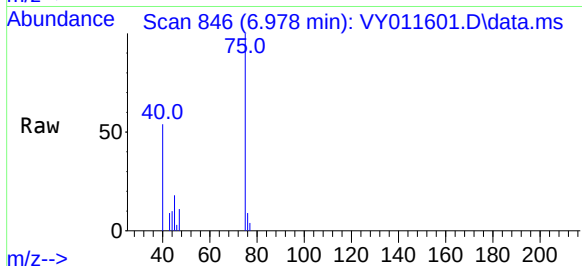
TP-10

Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.424 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY011601.D

Acq: 28 Nov 2022 15:46

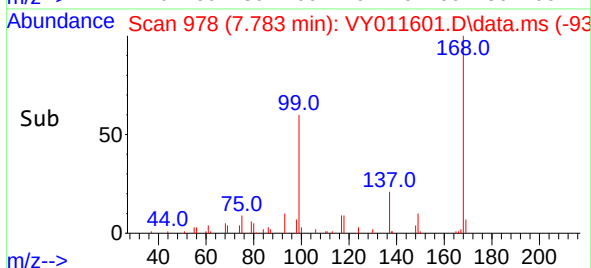
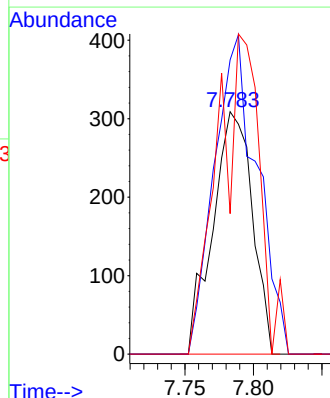
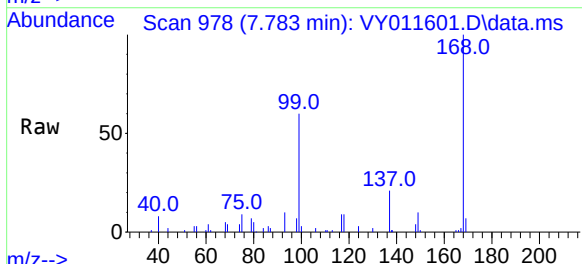
Tgt Ion: 56 Resp: 621

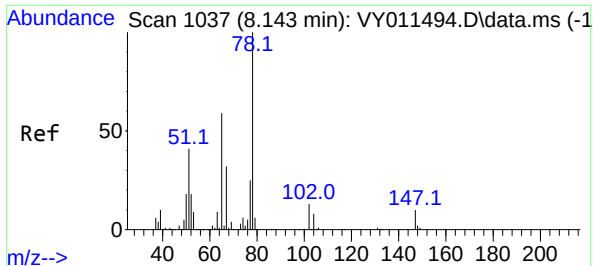
Ion Ratio Lower Upper

56 100

69 121.4 26.7 40.1#

84 57.9 67.2 100.8#

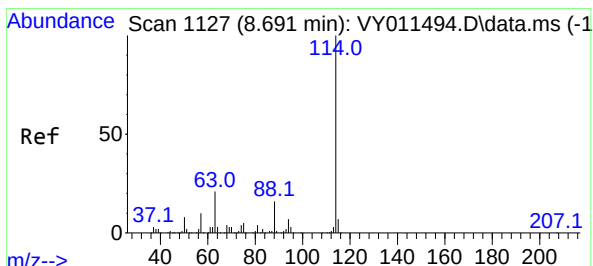
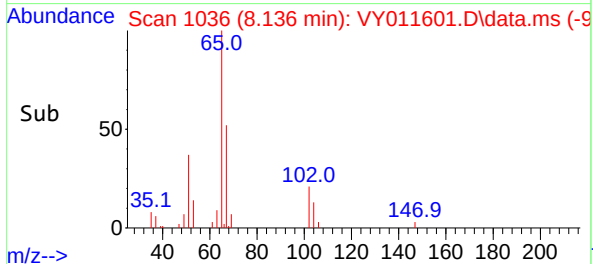
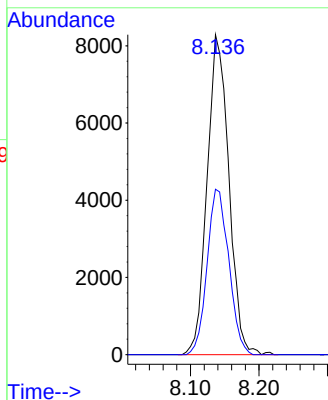
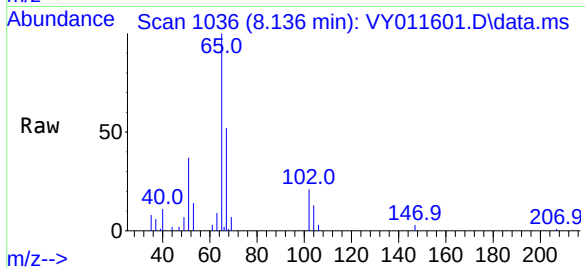




#33
1,2-Dichloroethane-d4
Concen: 69.424 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

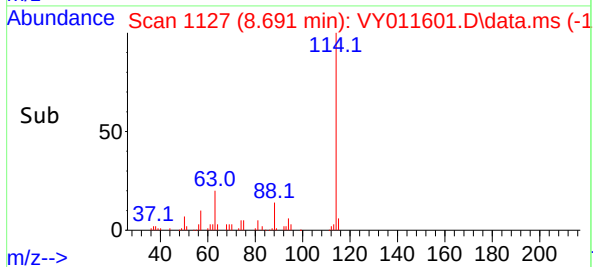
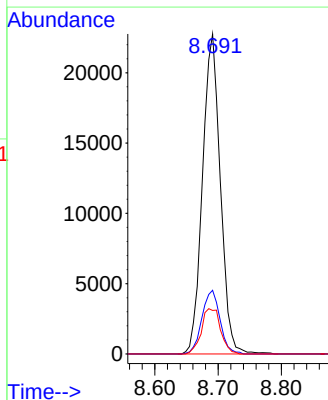
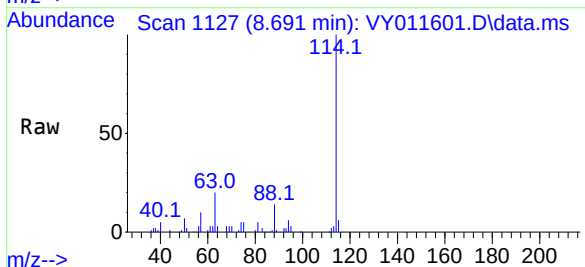
Instrument :
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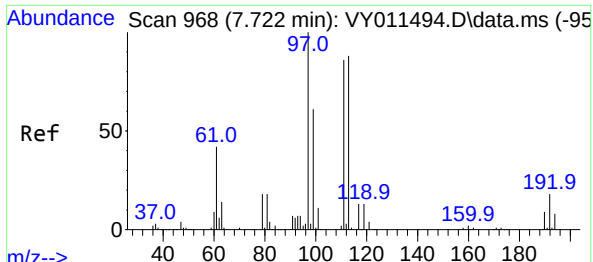
Tgt Ion: 65 Resp: 18264
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

Tgt Ion: 114 Resp: 44742
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.2
88 13.6 0.0 31.8

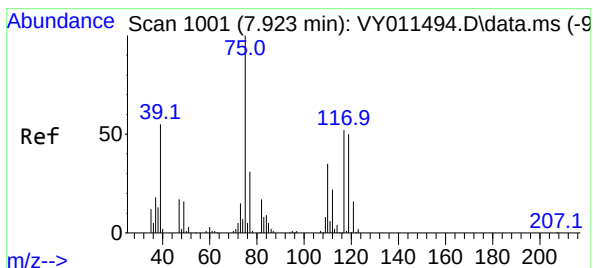
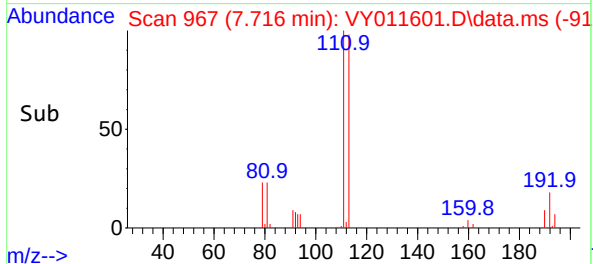
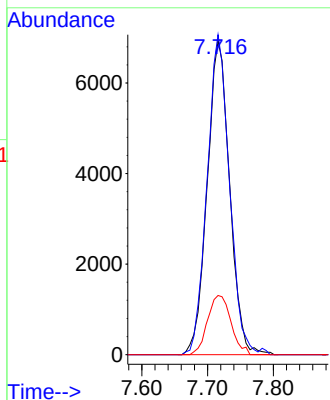
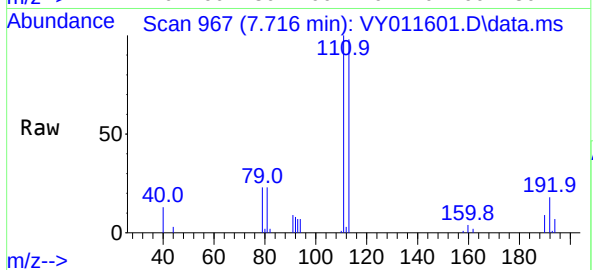




#35
Dibromofluoromethane
Concen: 59.834 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

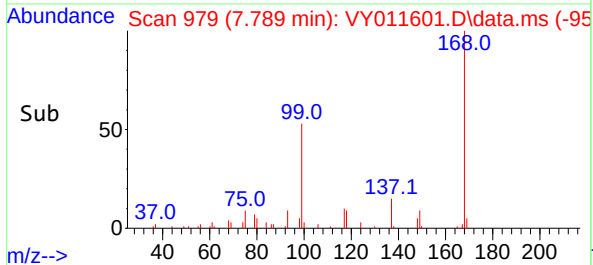
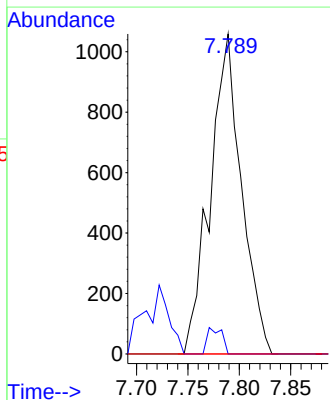
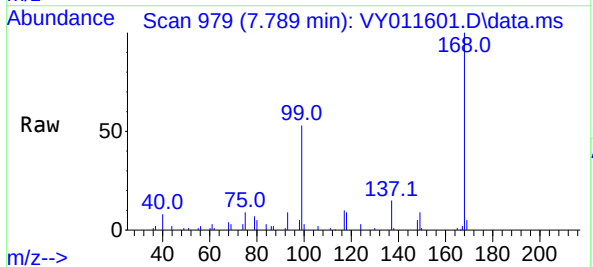
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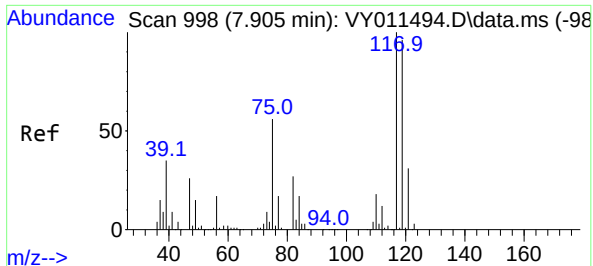
Tgt Ion:	113	Resp:	16480
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	124.0
192	19.6	17.6	26.4



#36
1,1-Dichloropropene
Concen: 5.214 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

Tgt Ion:	75	Resp:	2245
Ion	Ratio	Lower	Upper
75	100		
110	3.8	17.1	51.2#
77	0.0	24.4	36.6#

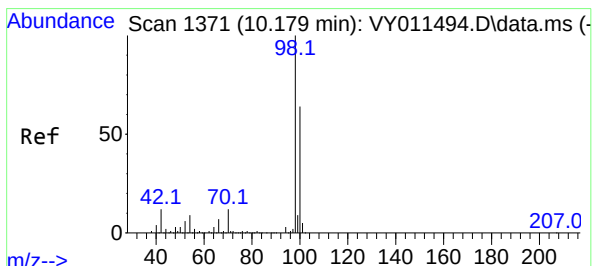
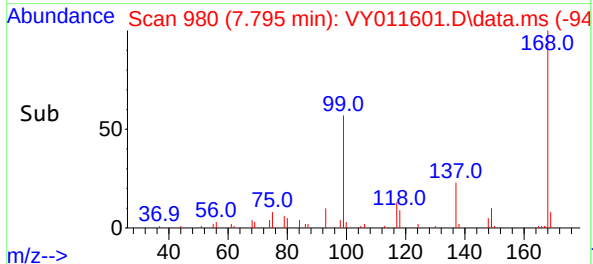
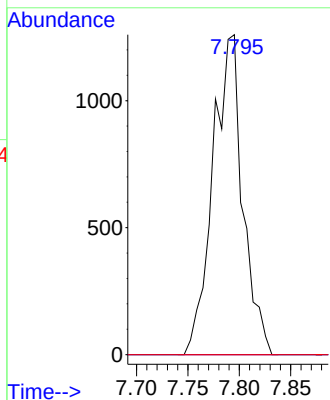
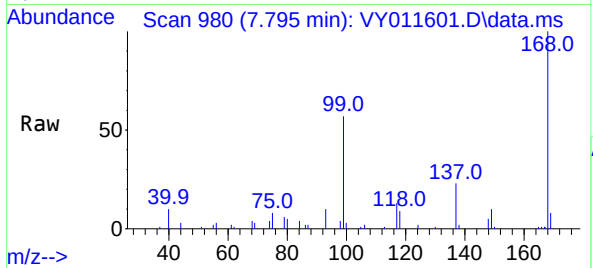




#38
Carbon Tetrachloride
Concen: 5.294 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

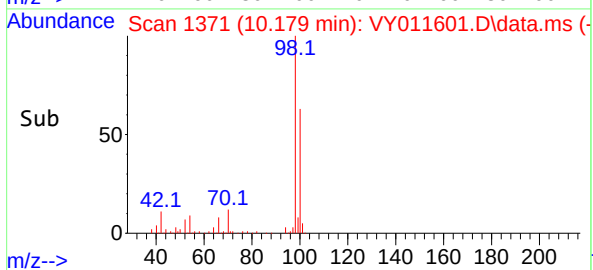
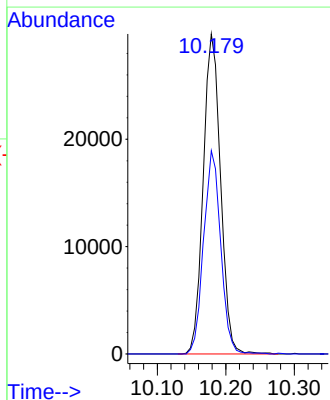
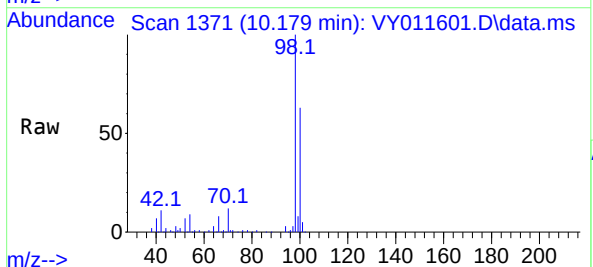
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

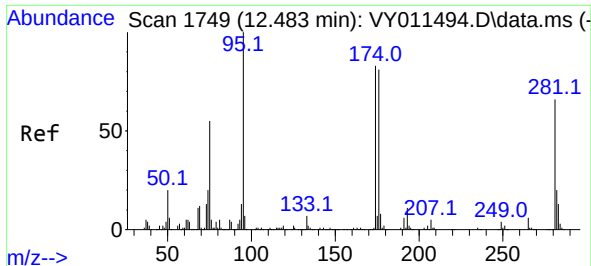
Tgt Ion:117 Resp: 2550
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.407 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

Tgt Ion: 98 Resp: 52453
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2

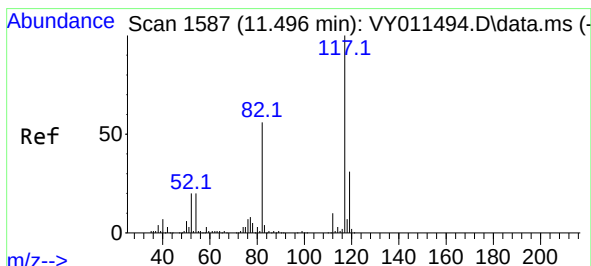
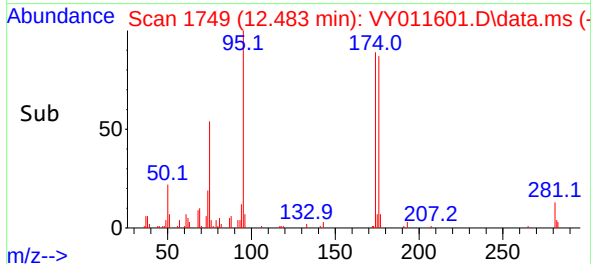
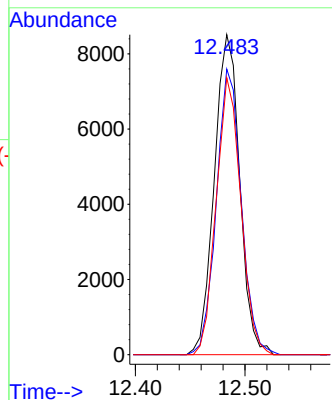
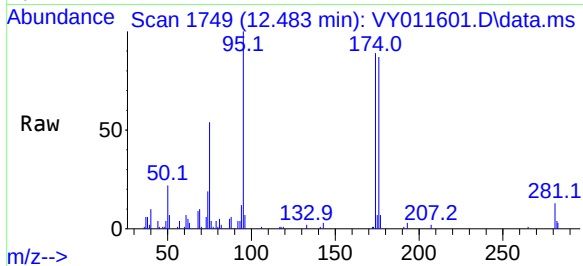




#62
4-Bromofluorobenzene
Concen: 37.046 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

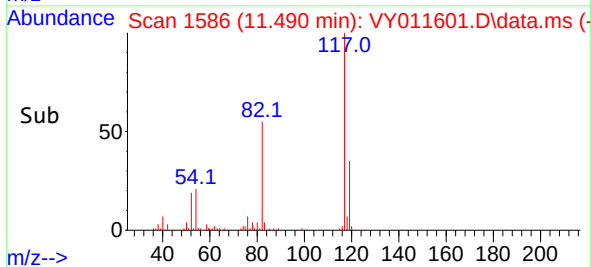
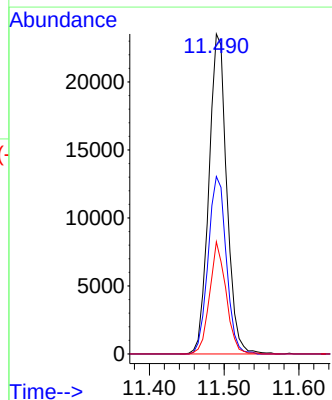
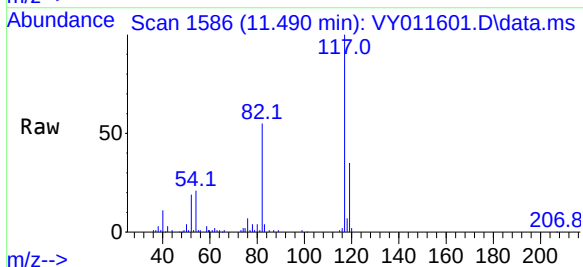
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

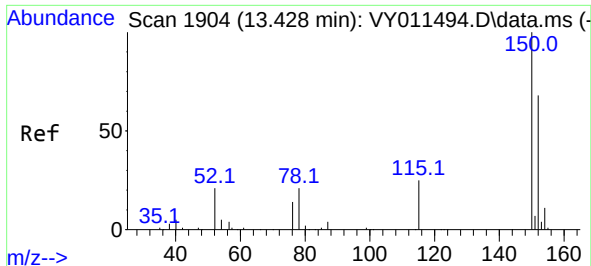
Tgt Ion: 95 Resp: 13709
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 83.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

Tgt Ion: 117 Resp: 39104
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 35.0 25.4 38.0

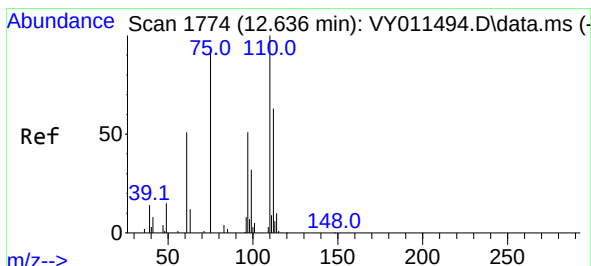
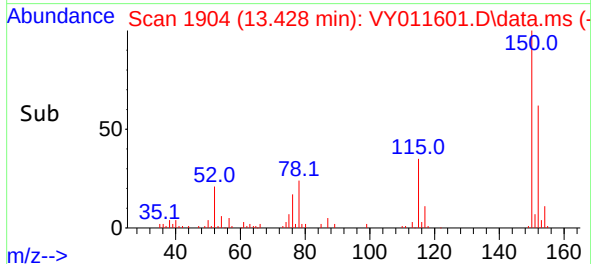
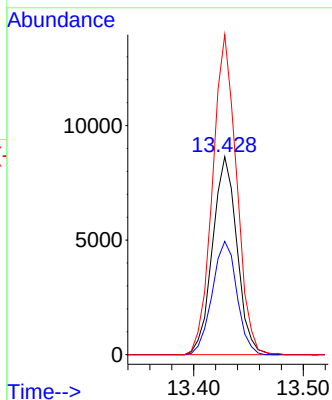
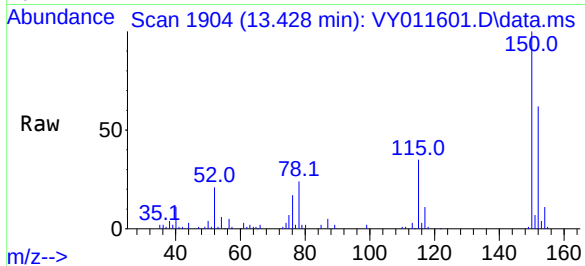




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

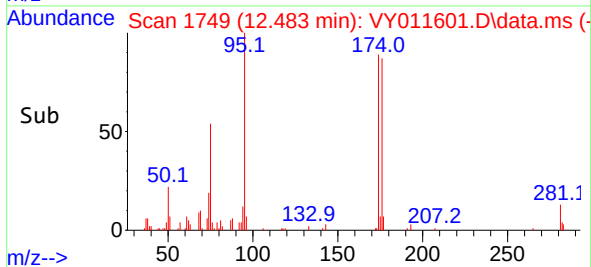
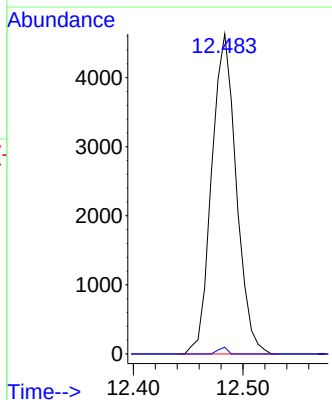
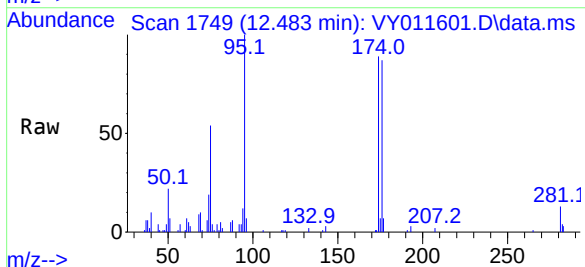
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

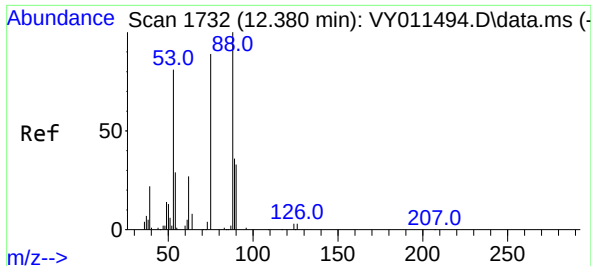
Tgt Ion:152 Resp: 13386
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 159.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 50.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011601.D
Acq: 28 Nov 2022 15:46

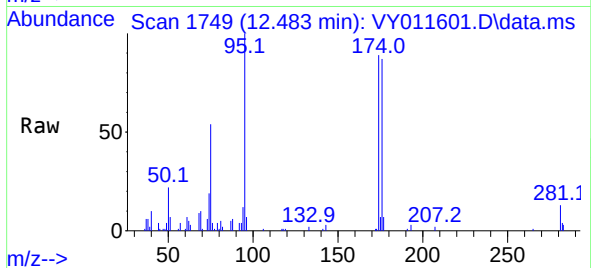
Tgt Ion: 75 Resp: 7219
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.685 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011601.D
 Acq: 28 Nov 2022 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10



Tgt Ion: 75 Resp: 7219
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

