

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016494.D
 Acq On : 24 Nov 2023 18:59
 Operator : SY/MD
 Sample : 05434-14
 Misc : 6.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:49:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

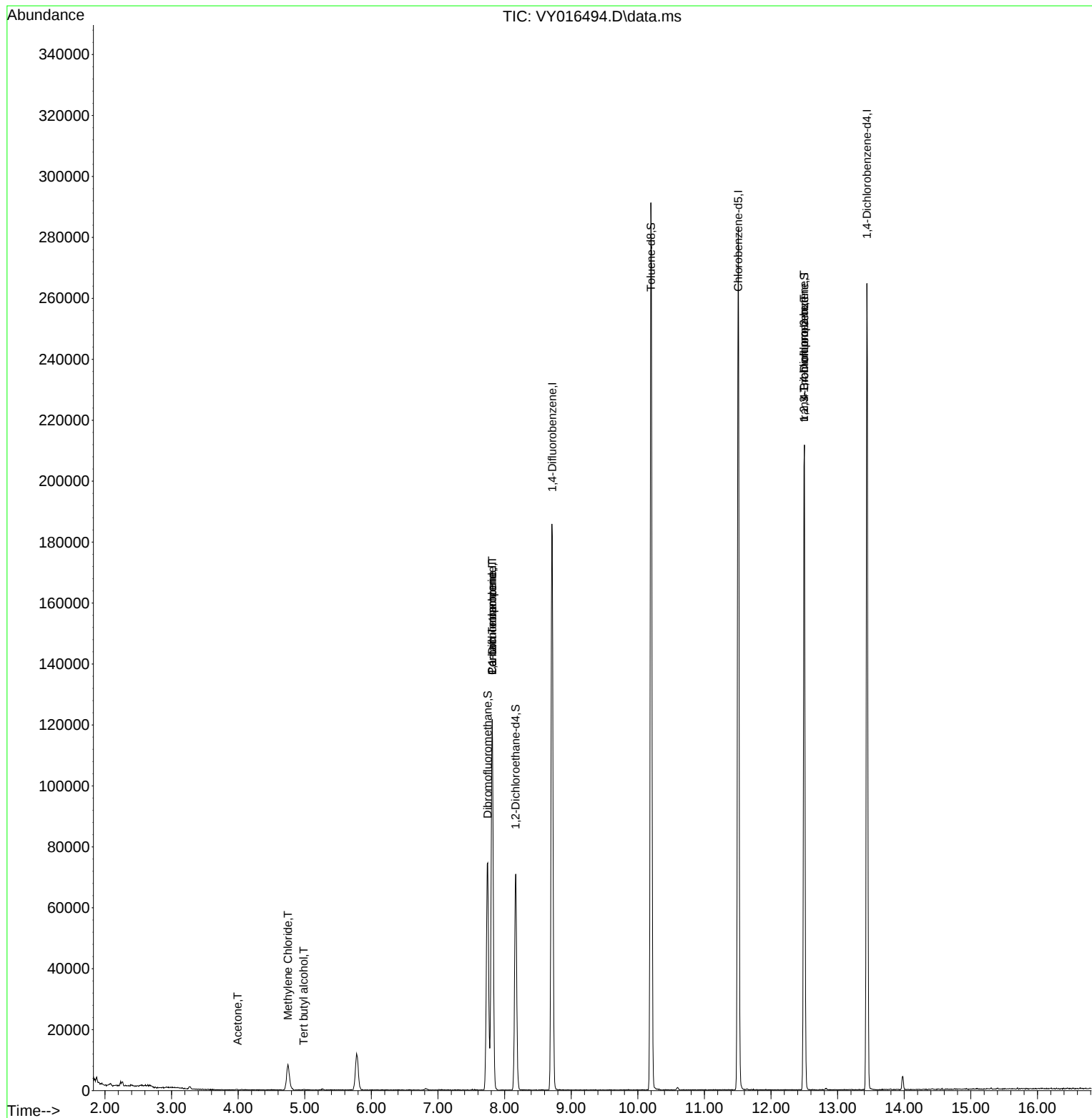
Internal Standards						
1) Pentafluorobenzene	7.813	168	98218	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.715	114	173473	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	165013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	56951	63.443	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.880%	
35) Dibromofluoromethane	7.746	113	54703	55.511	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.020%	
50) Toluene-d8	10.197	98	201917	50.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	12.501	95	66748	51.428	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.984	59	321	4.566	ug/l #	89
16) Acetone	3.991	43	240	1.616	ug/l #	46
20) Methylene Chloride	4.747	84	7063	3.496	ug/l #	80
36) 1,1-Dichloropropene	7.813	75	6785	3.965	ug/l #	50
38) Carbon Tetrachloride	7.813	117	9533	5.368	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	33217	47.693	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	33217	103.521	ug/l #	10

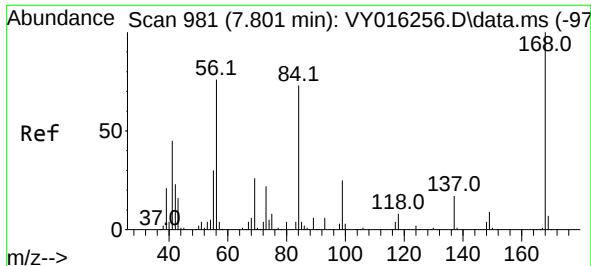
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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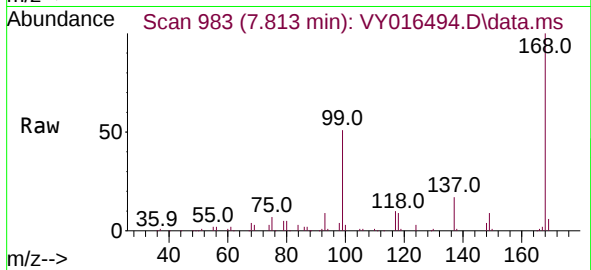
Quant Time: Nov 27 04:49:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



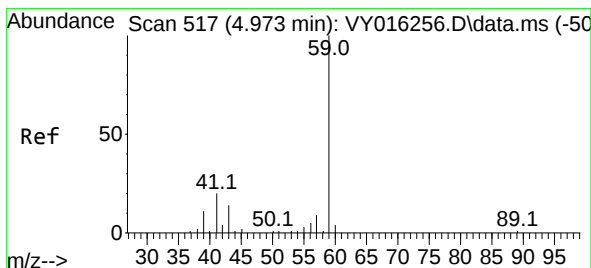
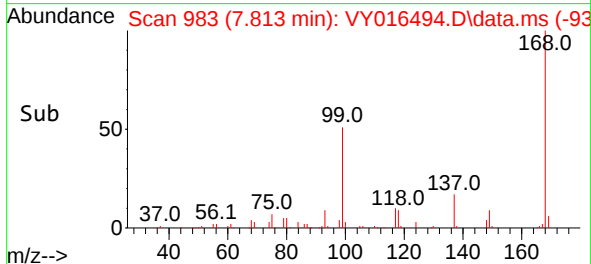
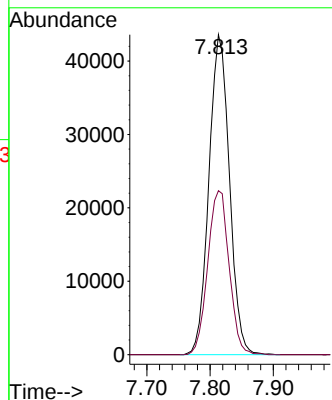


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016494.D
Acq: 24 Nov 2023 18:59

Instrument :
MSVOA_Y
ClientSampleId :

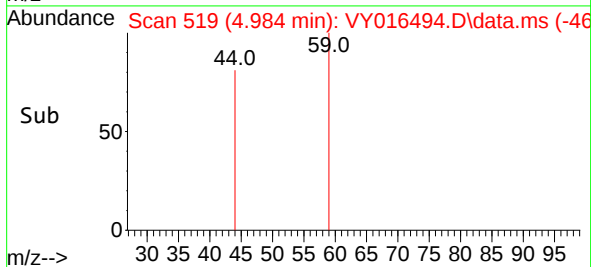
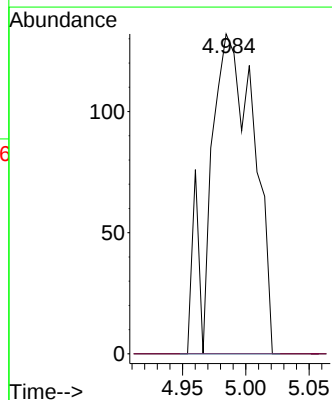
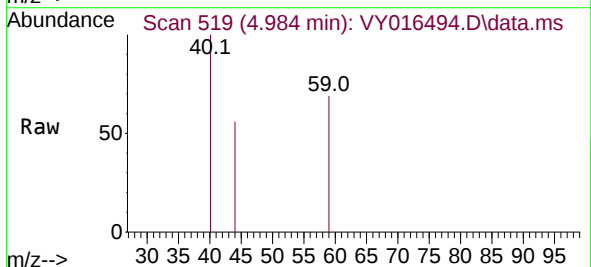


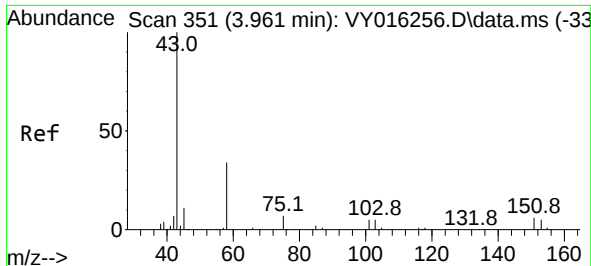
Tgt Ion:168 Resp: 98218
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.566 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY016494.D
Acq: 24 Nov 2023 18:59

Tgt Ion: 59 Resp: 321
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

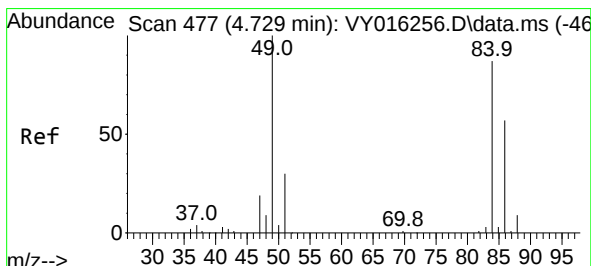
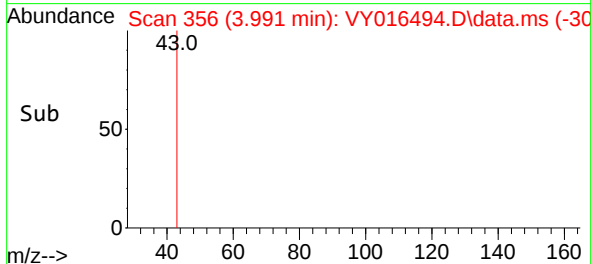
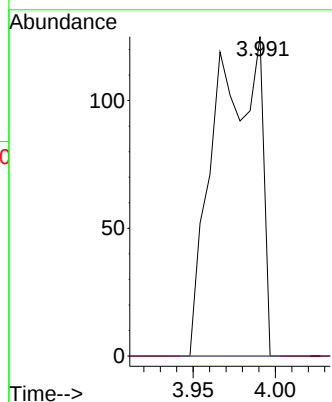
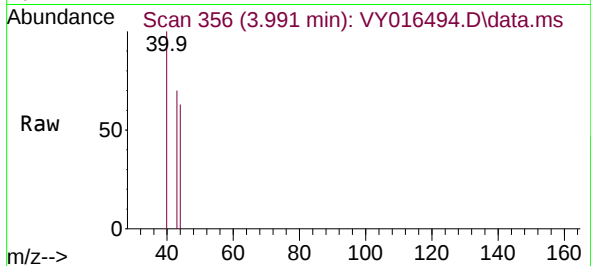




#16
Acetone
Concen: 1.616 ug/l
RT: 3.991 min Scan# 31
Delta R.T. 0.030 min
Lab File: VY016494.D
Acq: 24 Nov 2023 18:59

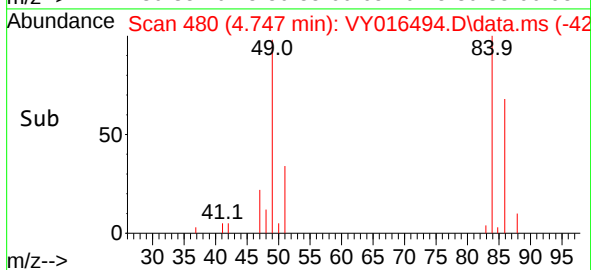
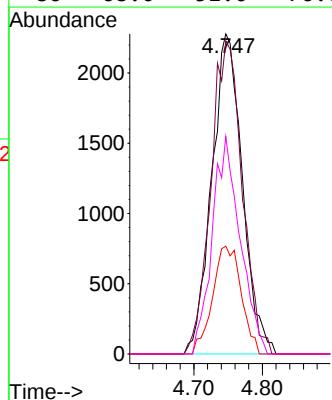
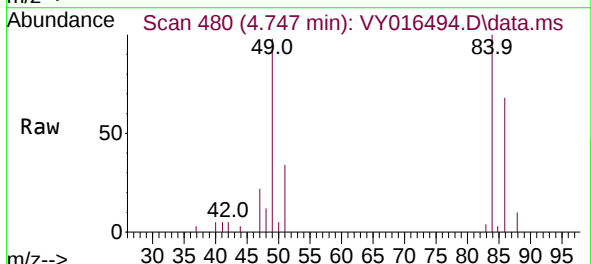
Instrument :
MSVOA_Y
ClientSampleId :

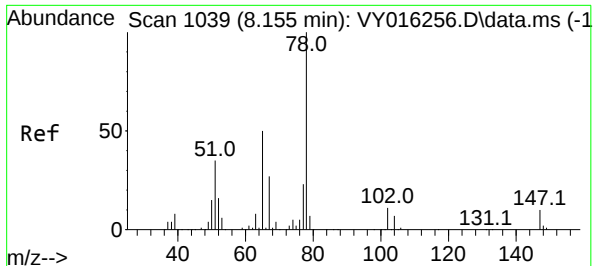
Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#20
Methylene Chloride
Concen: 3.496 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY016494.D
Acq: 24 Nov 2023 18:59

Tgt Ion: 84 Resp: 7063
Ion Ratio Lower Upper
84 100
49 97.8 106.9 160.3#
51 33.7 33.2 49.8
86 68.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 63.443 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016494.D

Acq: 24 Nov 2023 18:59

Instrument :

MSVOA_Y

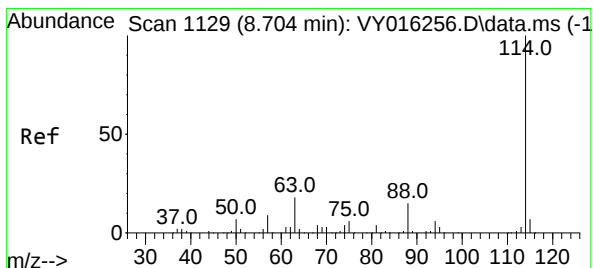
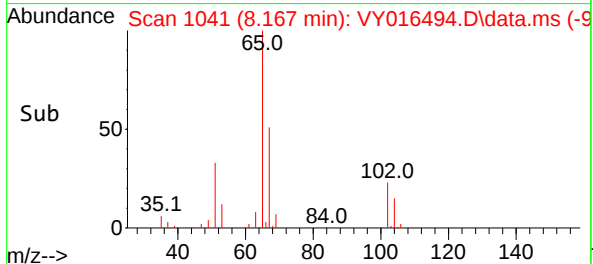
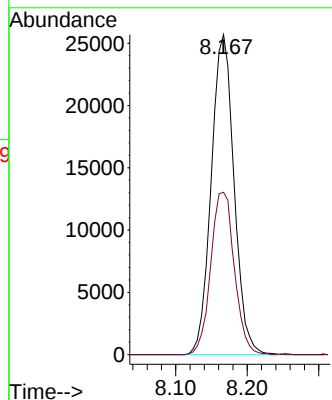
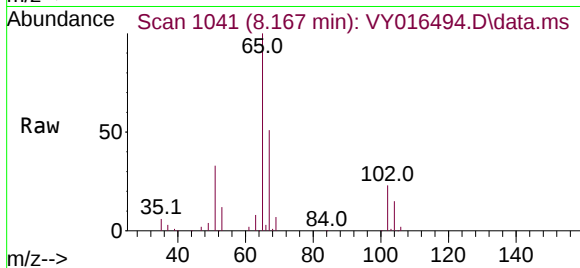
ClientSampleId :

Tgt Ion: 65 Resp: 56951

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016494.D

Acq: 24 Nov 2023 18:59

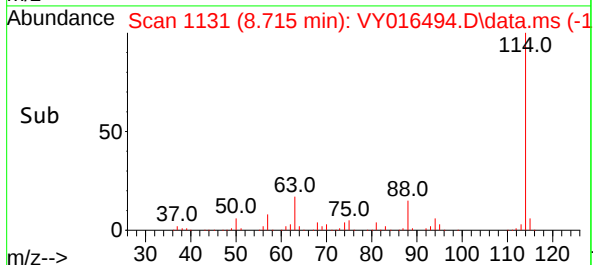
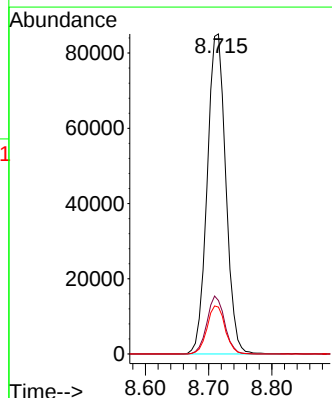
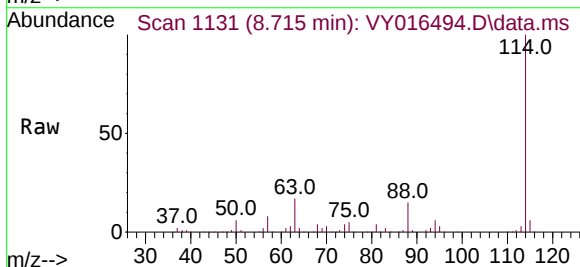
Tgt Ion: 114 Resp: 173473

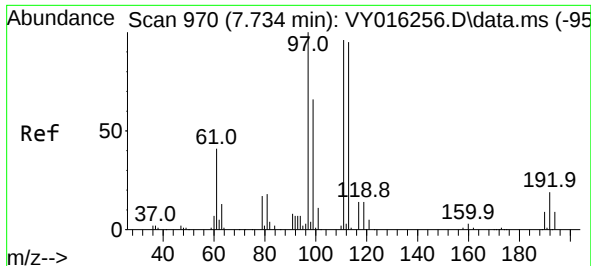
Ion Ratio Lower Upper

114 100

63 16.7 0.0 42.4

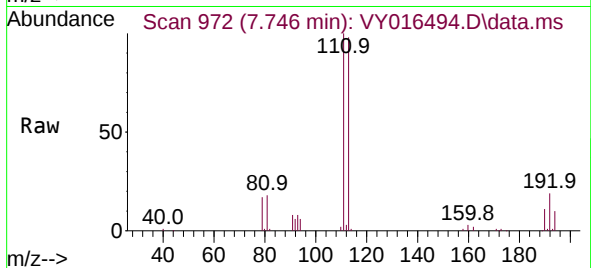
88 14.6 0.0 30.6



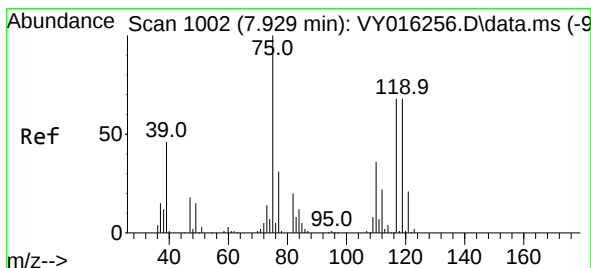
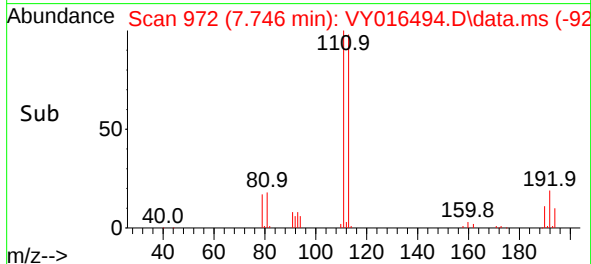
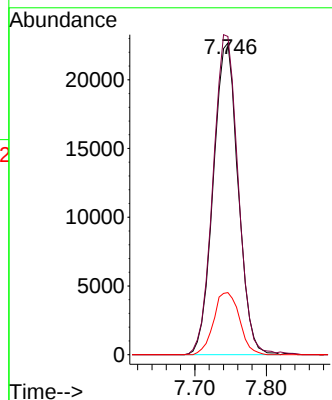


#35
Dibromofluoromethane
Concen: 55.511 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016494.D
Acq: 24 Nov 2023 18:59

Instrument :
MSVOA_Y
ClientSampleId :

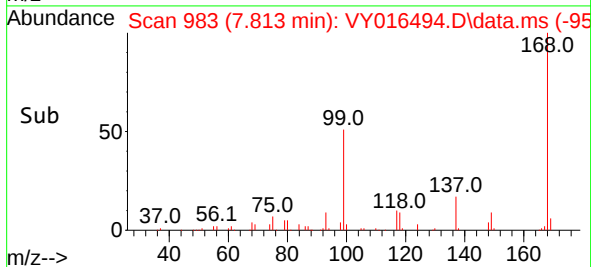
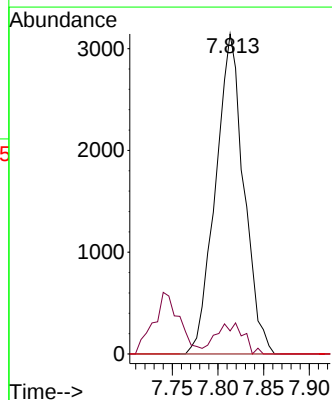
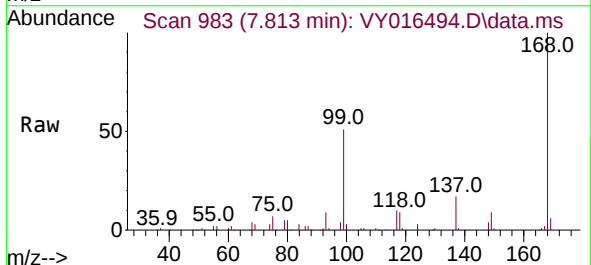


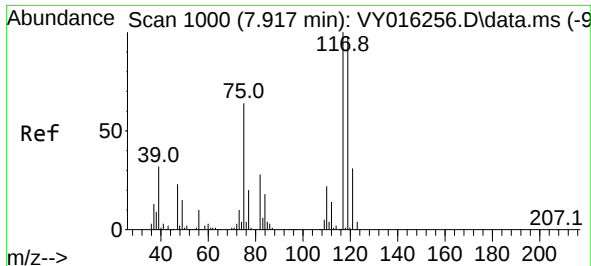
Tgt Ion:113 Resp: 54703
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 20.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 3.965 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY016494.D
Acq: 24 Nov 2023 18:59

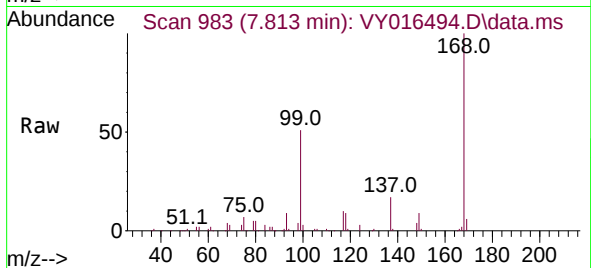
Tgt Ion: 75 Resp: 6785
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



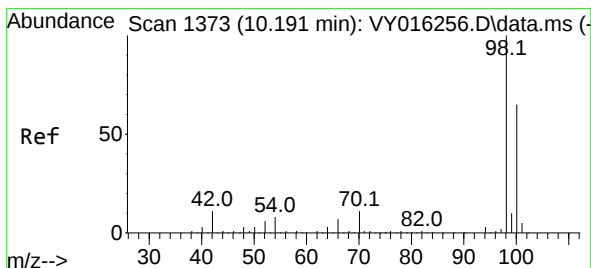
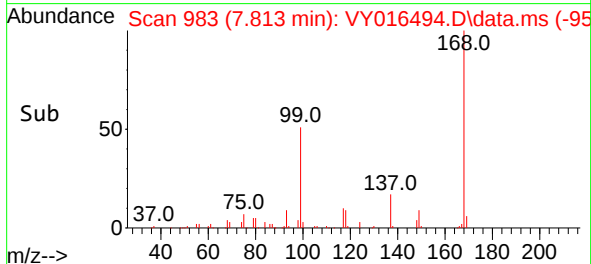
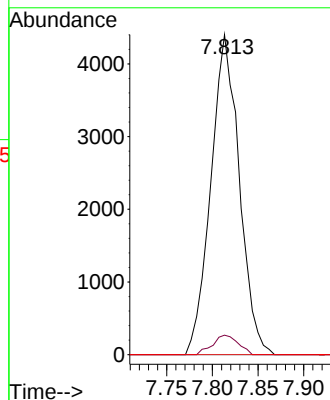


#38
Carbon Tetrachloride
Concen: 5.368 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016494.D
Acq: 24 Nov 2023 18:59

Instrument :
MSVOA_Y
ClientSampleId :

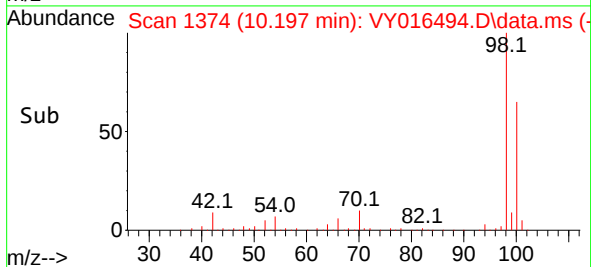
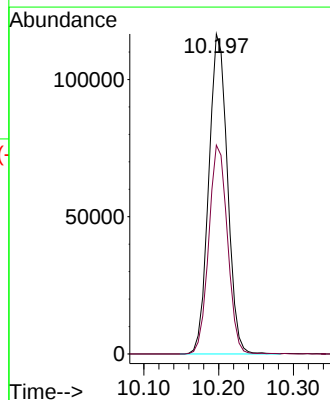
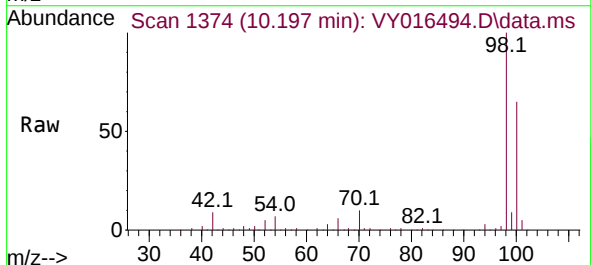


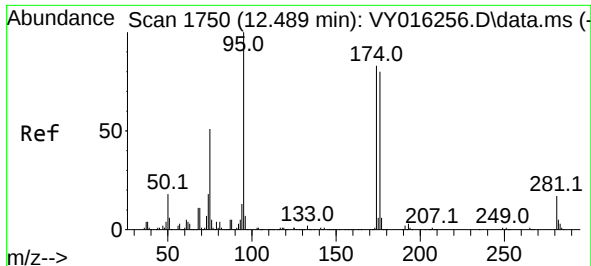
Tgt Ion:117 Resp: 9533
Ion Ratio Lower Upper
117 100
119 6.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.528 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016494.D
Acq: 24 Nov 2023 18:59

Tgt Ion: 98 Resp: 201917
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

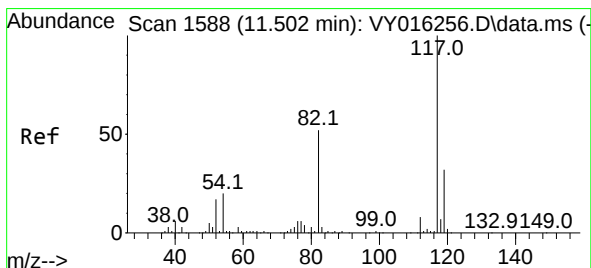
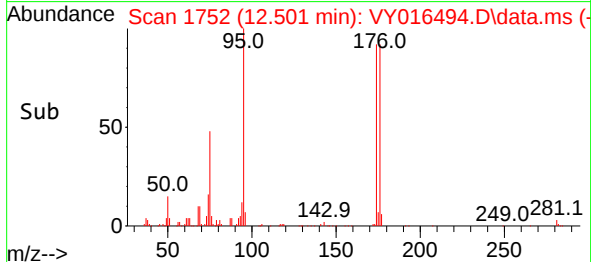
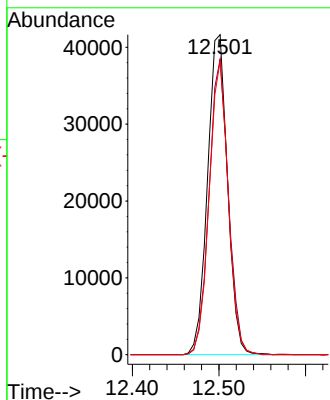
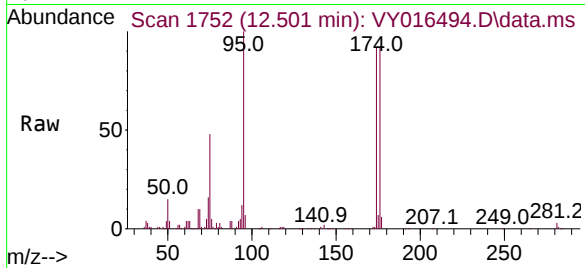




#62
4-Bromofluorobenzene
Concen: 51.428 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016494.D
Acq: 24 Nov 2023 18:59

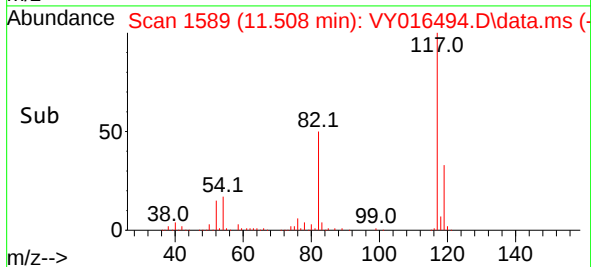
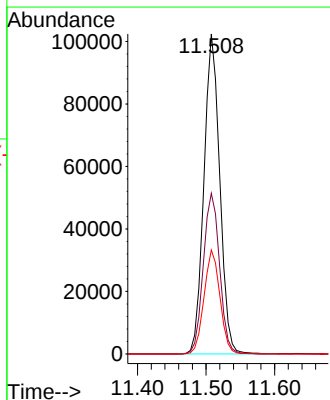
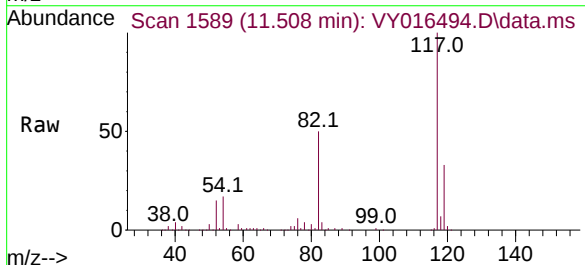
Instrument :
MSVOA_Y
ClientSampleId :

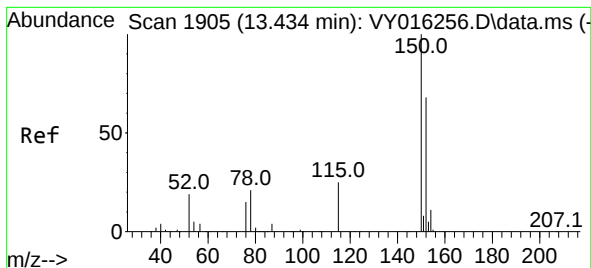
Tgt Ion: 95 Resp: 66748
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.2
176 87.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016494.D
Acq: 24 Nov 2023 18:59

Tgt Ion: 117 Resp: 165013
Ion Ratio Lower Upper
117 100
82 50.2 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016494.D

Acq: 24 Nov 2023 18:59

Instrument :

MSVOA_Y

ClientSampleId :

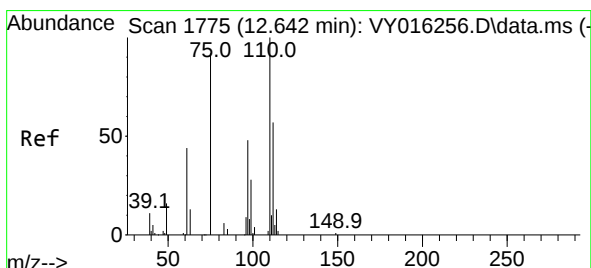
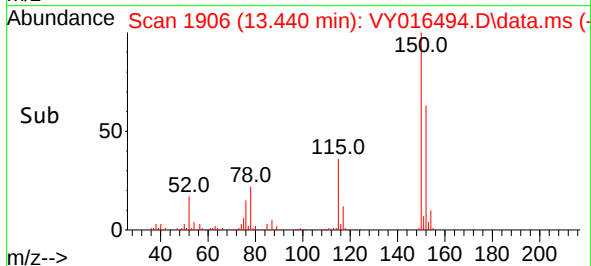
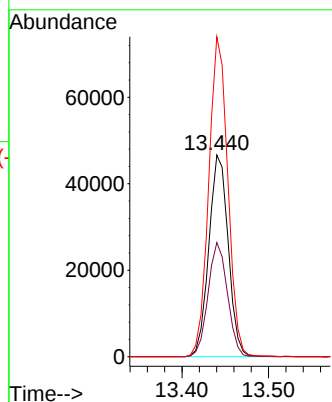
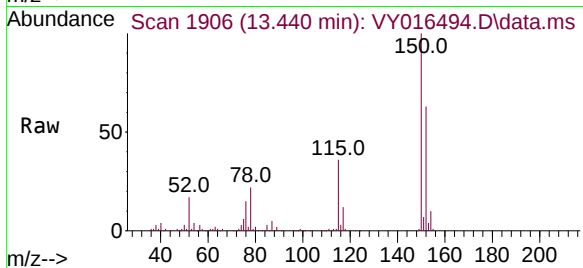
Tgt Ion:152 Resp: 72604

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 155.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 47.693 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016494.D

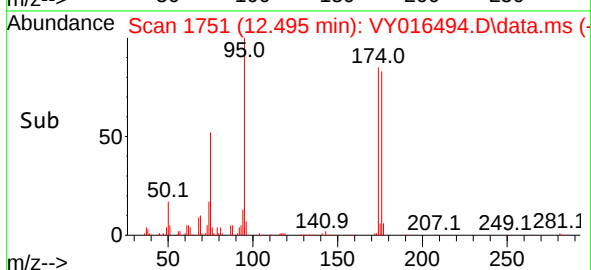
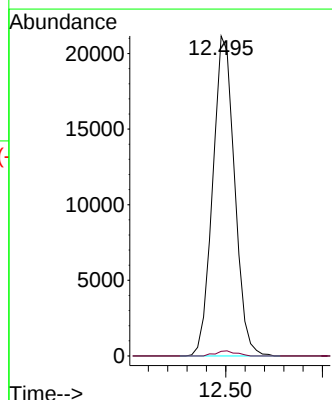
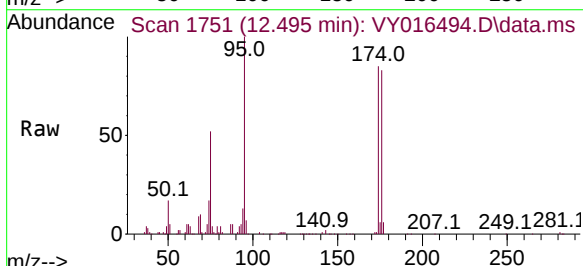
Acq: 24 Nov 2023 18:59

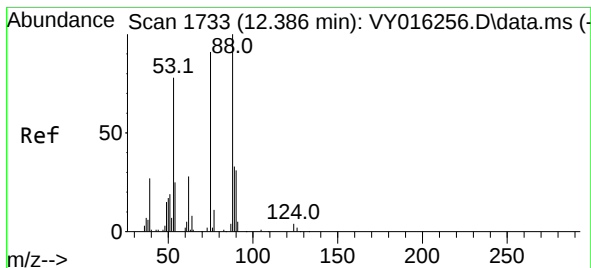
Tgt Ion: 75 Resp: 33217

Ion Ratio Lower Upper

75 100

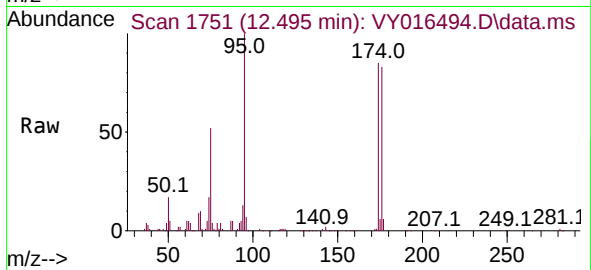
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.521 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY016494.D
 Acq: 24 Nov 2023 18:59

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33217
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

