

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015671.D
 Acq On : 21 Sep 2023 12:52
 Operator : SY/MD
 Sample : 04364-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 01:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

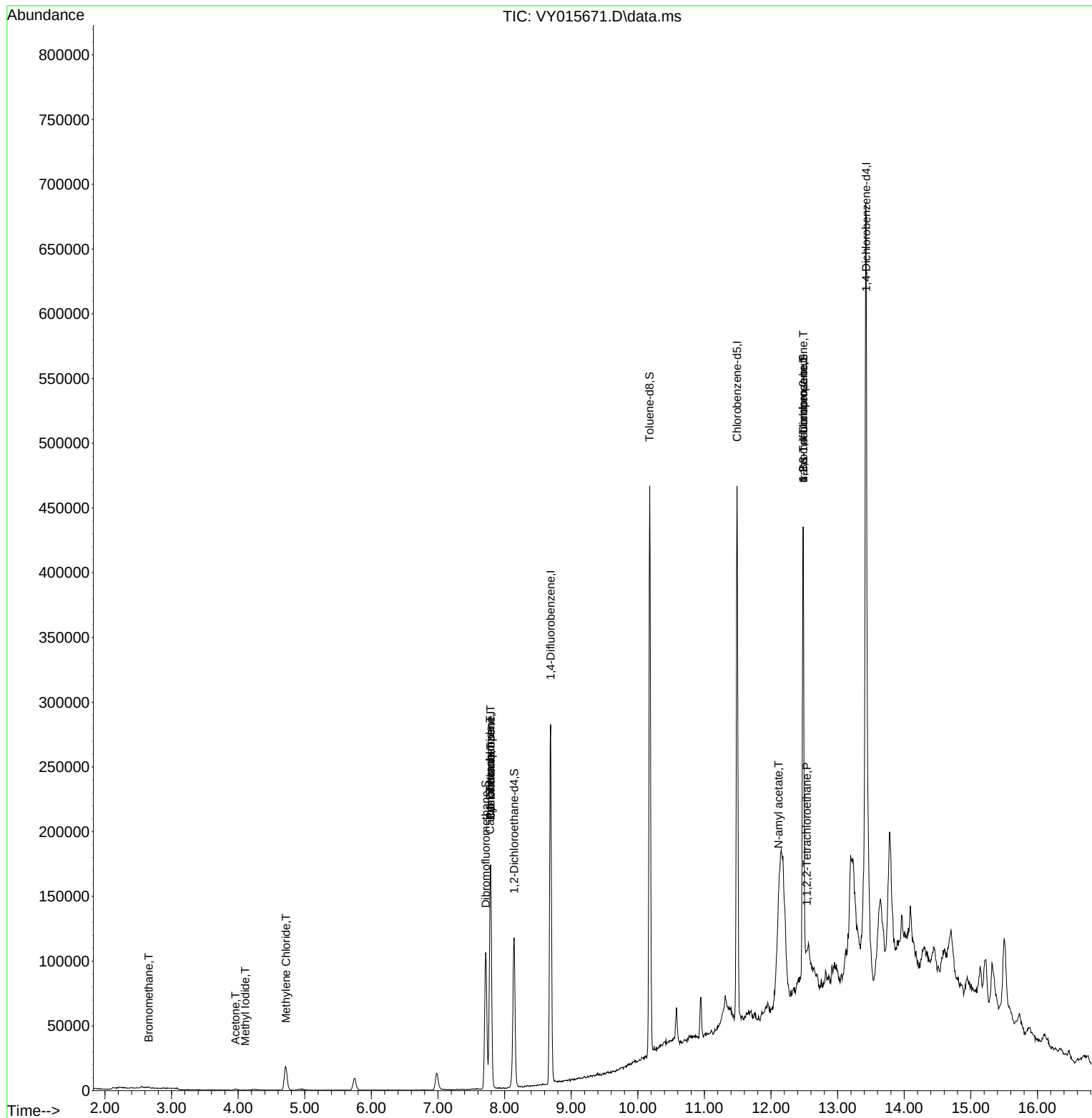
Internal Standards						
1) Pentafluorobenzene	7.789	168	134751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	86794	58.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.080%	
35) Dibromofluoromethane	7.716	113	74897	53.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.400%	
50) Toluene-d8	10.179	98	283473	59.944	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.880%	
62) 4-Bromofluorobenzene	12.483	95	104471	56.294	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	263	2.753	ug/l #	79
10) Methyl Iodide	4.107	142	193	2.844	ug/l #	38
11) Tert butyl alcohol	4.948	59	1738	Below Cal	#	89
16) Acetone	3.960	43	1887	2.378	ug/l #	75
20) Methylene Chloride	4.716	84	13971	3.543	ug/l	94
31) Cyclohexane	7.789	56	2985	1.453	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10953	5.311	ug/l #	52
38) Carbon Tetrachloride	7.783	117	13884	6.203	ug/l #	17
74) N-amyl acetate	12.111	43	5473	1.680	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.538	83	6405	2.656	ug/l #	29
76) 1,2,3-Trichloropropane	12.483	75	55643	30.195	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55643	67.997	ug/l #	12

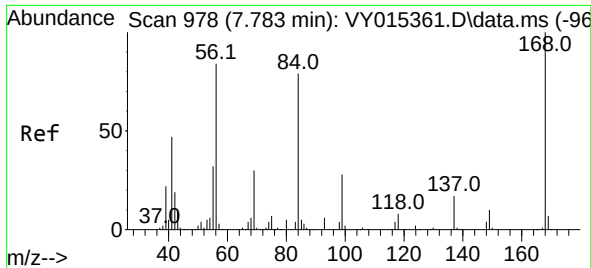
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
Data File : VY015671.D
Acq On : 21 Sep 2023 12:52
Operator : SY/MD
Sample : 04364-02
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 22 01:20:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

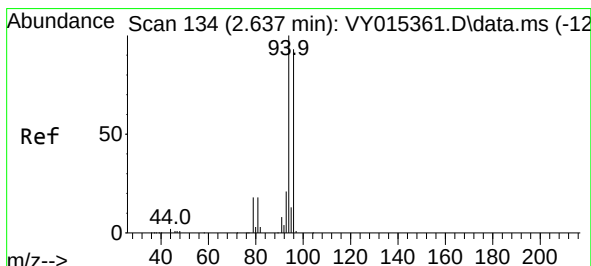
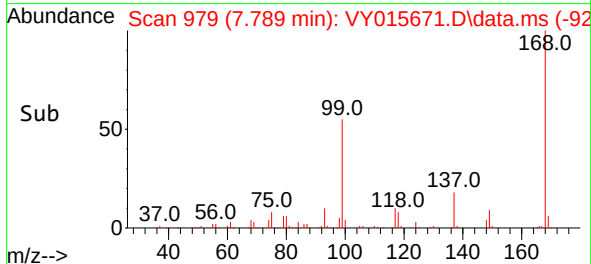
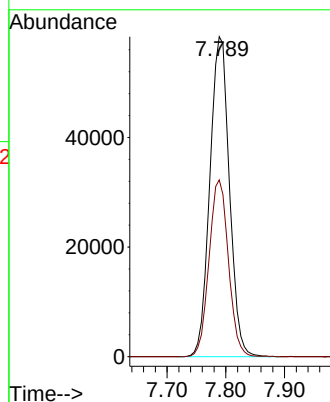
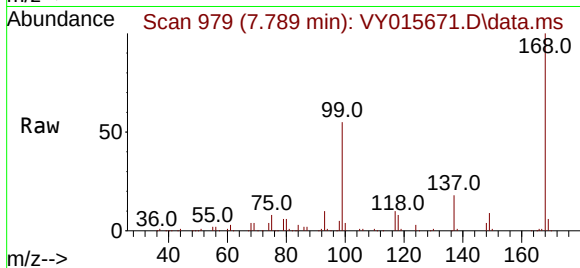




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

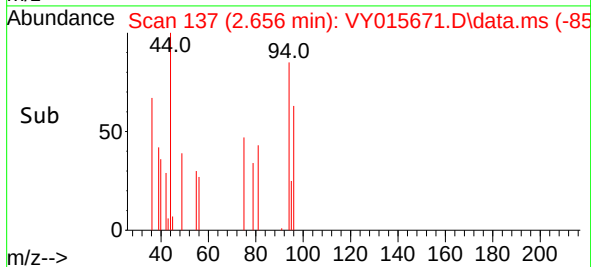
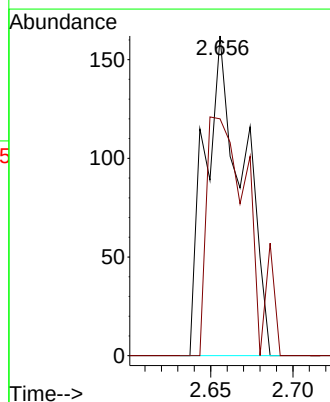
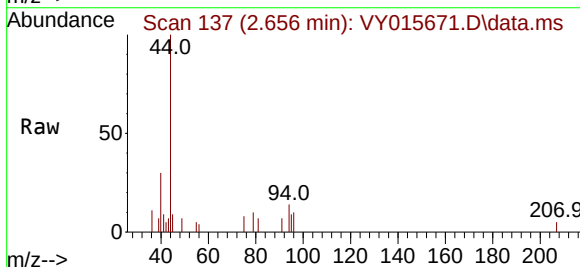
Instrument :
MSVOA_Y
ClientSampleId :

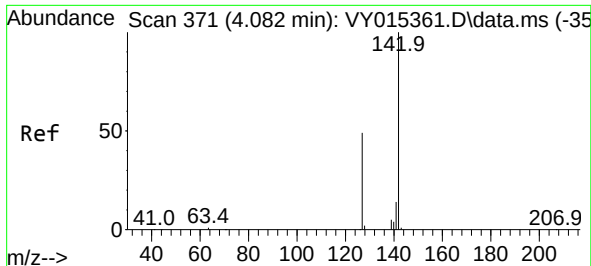
Tgt Ion:168 Resp: 134751
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#5
Bromomethane
Concen: 2.753 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

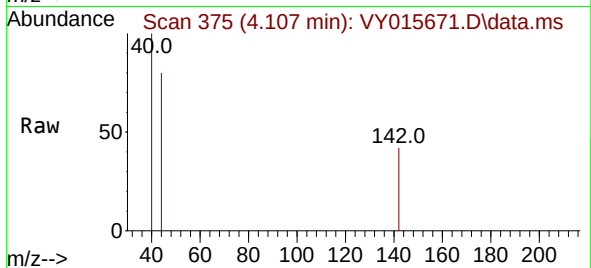
Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 74.1 75.8 113.6#



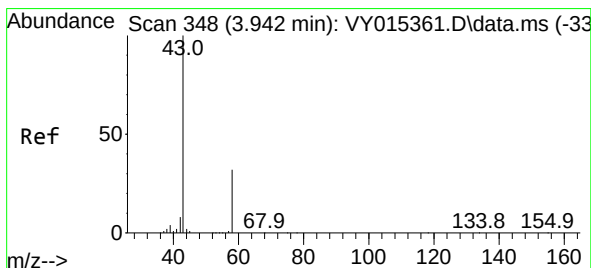
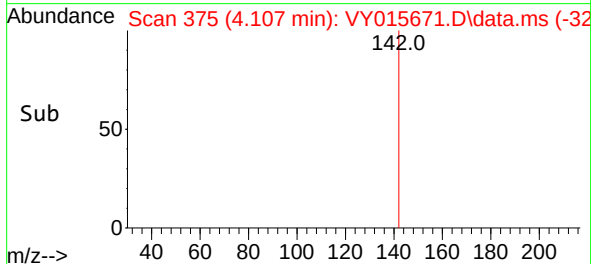
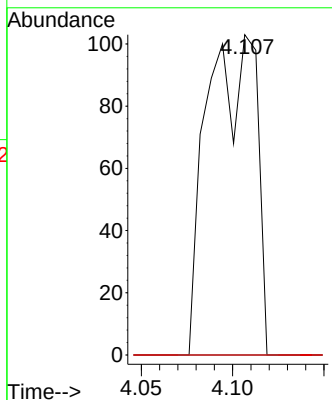


#10
Methyl Iodide
Concen: 2.844 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

Instrument :
MSVOA_Y
ClientSampleId :

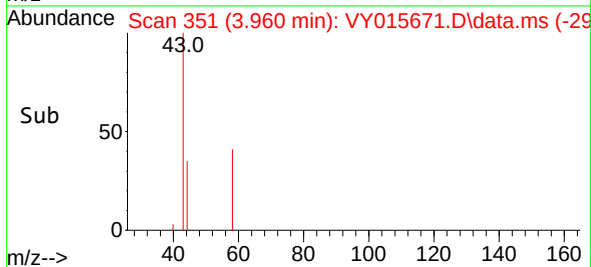
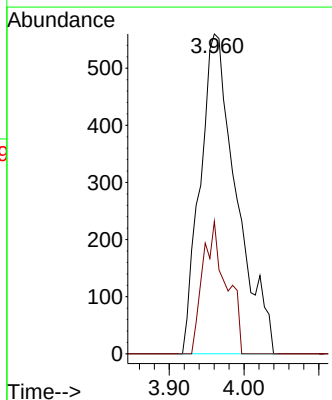
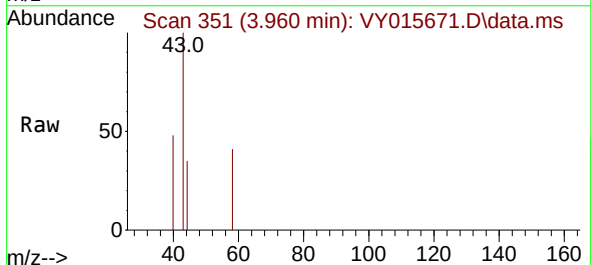


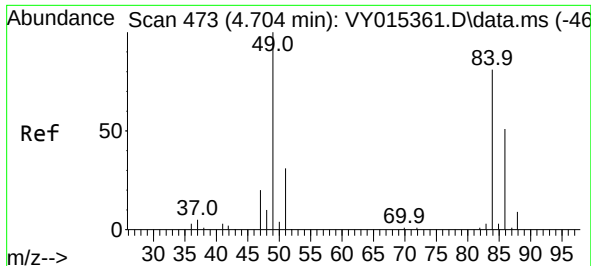
Tgt Ion:142 Resp: 193
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 2.378 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

Tgt Ion: 43 Resp: 1887
Ion Ratio Lower Upper
43 100
58 41.4 22.7 34.1#





#20

Methylene Chloride

Concen: 3.543 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.012 min

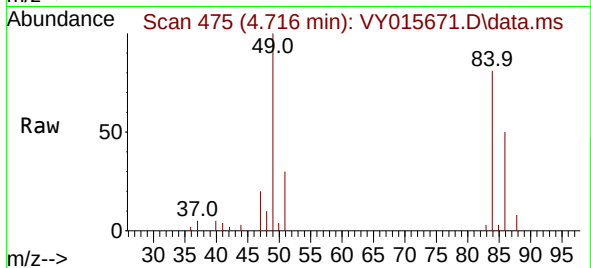
Lab File: VY015671.D

Acq: 21 Sep 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 13971

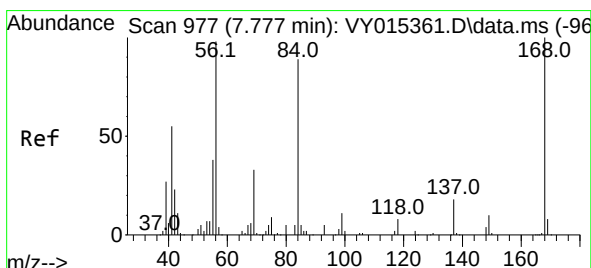
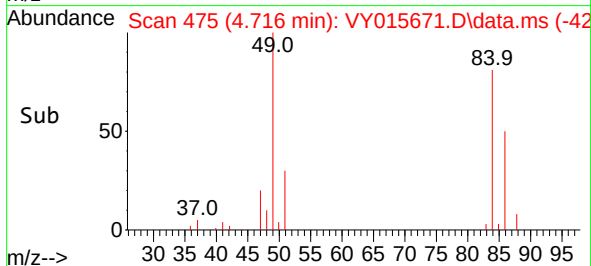
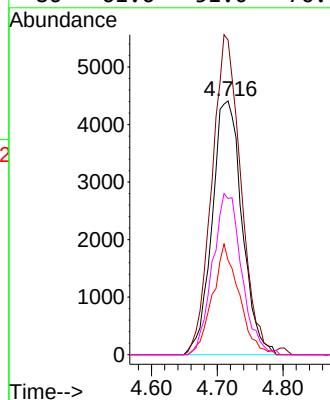
Ion Ratio Lower Upper

84 100

49 124.0 106.9 160.3

51 37.2 33.2 49.8

86 61.6 51.0 76.6



#31

Cyclohexane

Concen: 1.453 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015671.D

Acq: 21 Sep 2023 12:52

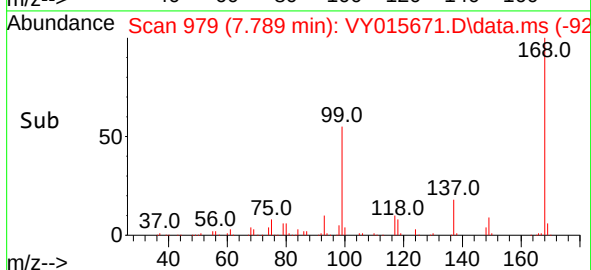
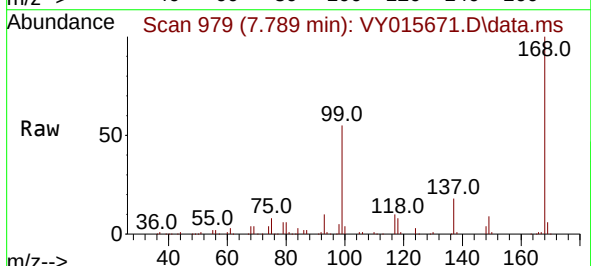
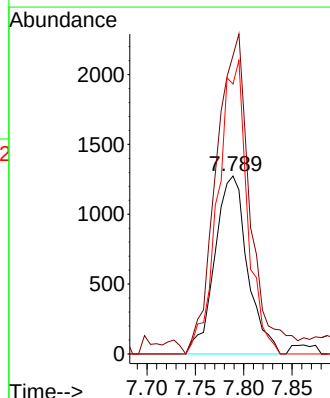
Tgt Ion: 56 Resp: 2985

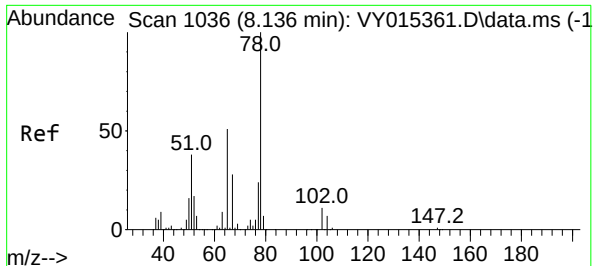
Ion Ratio Lower Upper

56 100

69 163.0 27.8 41.6#

84 151.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.540 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015671.D

Acq: 21 Sep 2023 12:52

Instrument :

MSVOA_Y

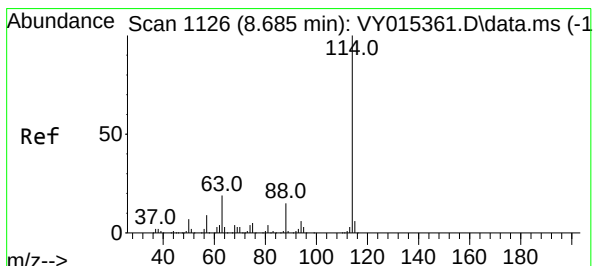
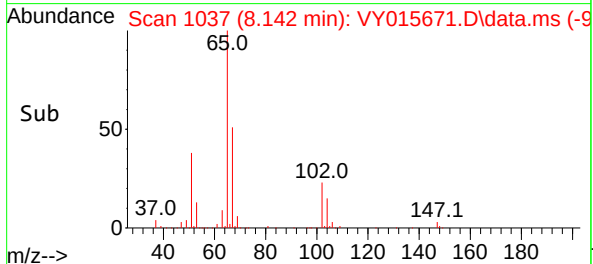
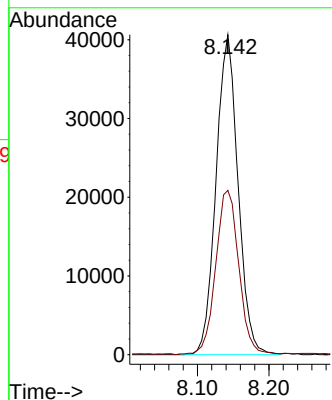
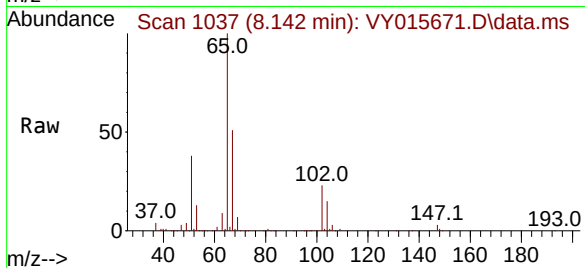
ClientSampleId :

Tgt Ion: 65 Resp: 86794

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015671.D

Acq: 21 Sep 2023 12:52

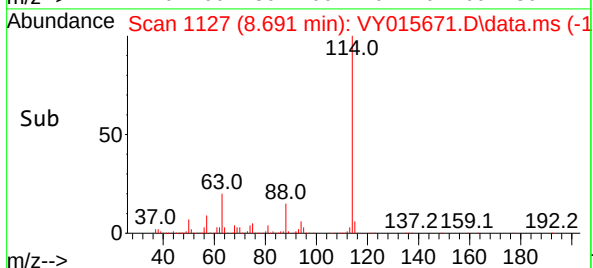
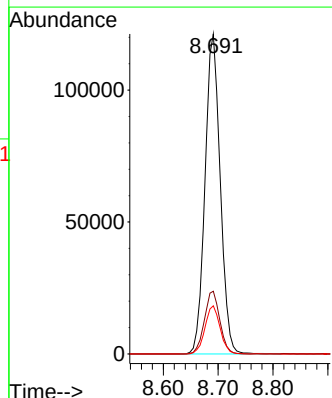
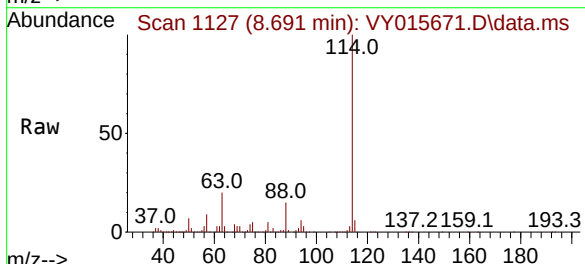
Tgt Ion: 114 Resp: 233020

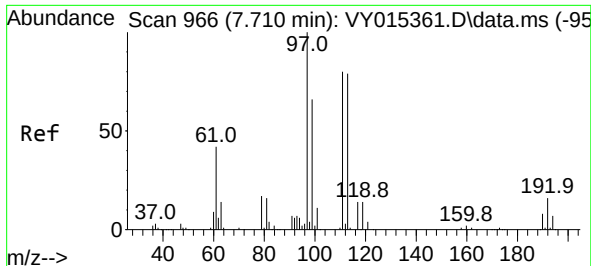
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.1 0.0 30.6

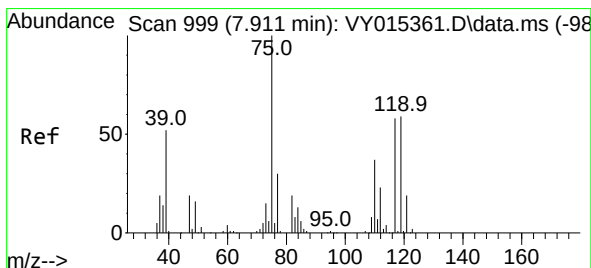
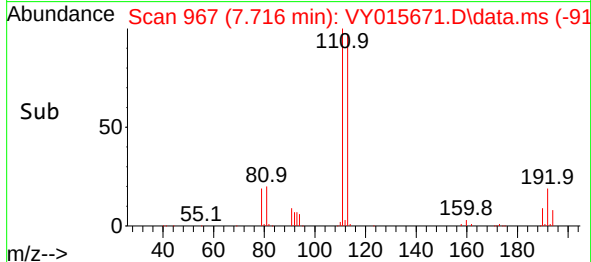
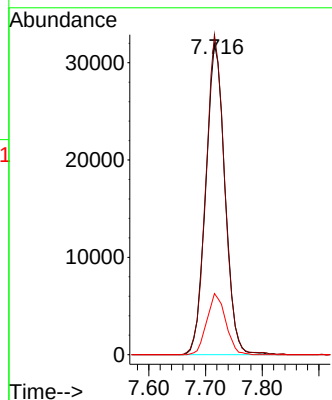
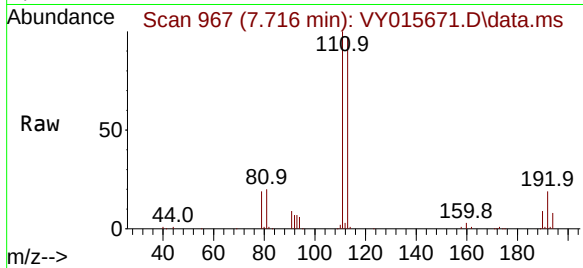




#35
Dibromofluoromethane
Concen: 53.701 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

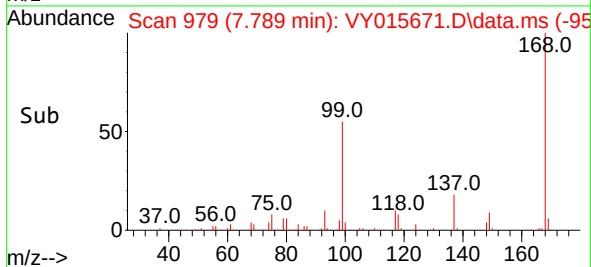
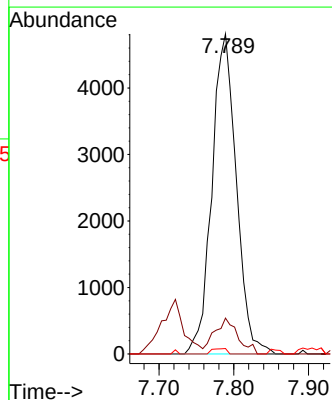
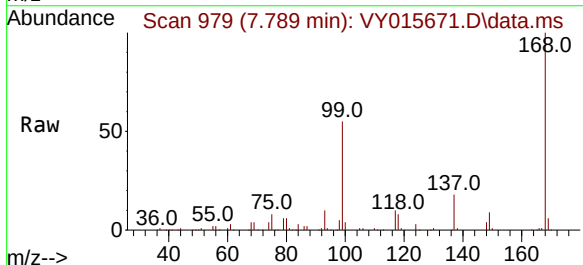
Instrument :
MSVOA_Y
ClientSampleId :

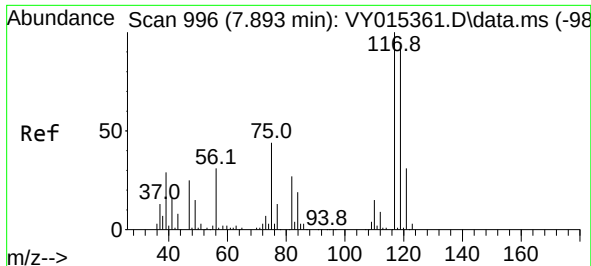
Tgt Ion:113 Resp: 74897
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.311 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

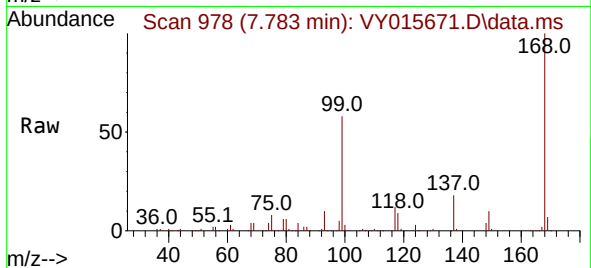
Tgt Ion: 75 Resp: 10953
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.5#
77 1.0 24.4 36.6#



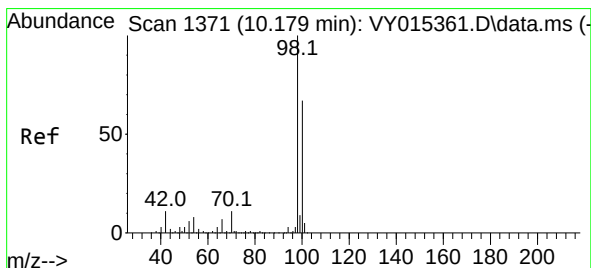
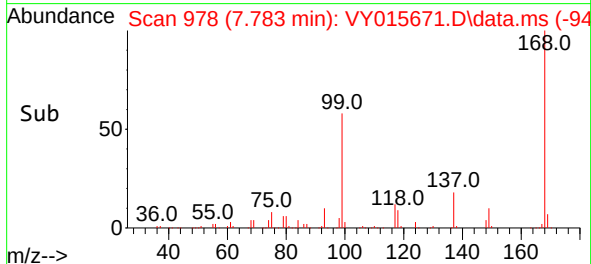
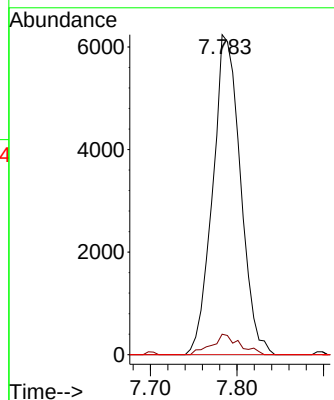


#38
Carbon Tetrachloride
Concen: 6.203 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

Instrument :
MSVOA_Y
ClientSampleId :

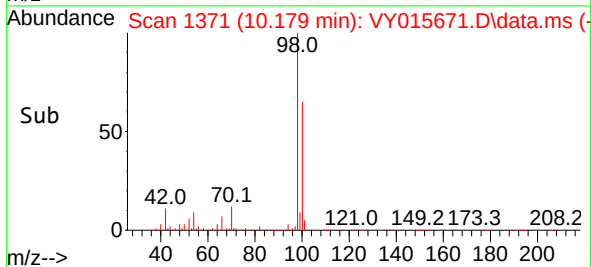
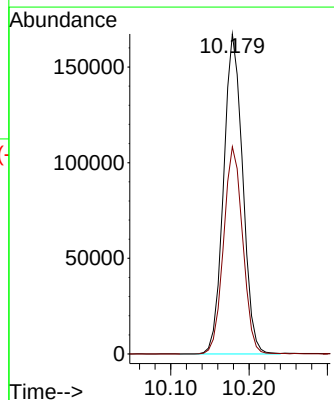
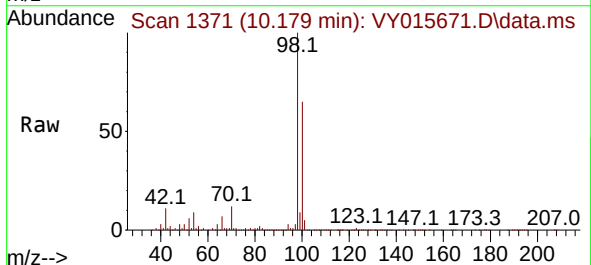


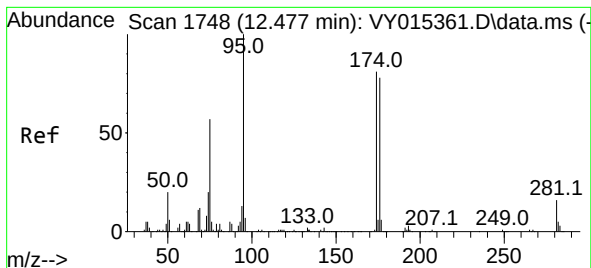
Tgt Ion:117 Resp: 13884
Ion Ratio Lower Upper
117 100
119 6.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 59.944 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

Tgt Ion: 98 Resp: 283473
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

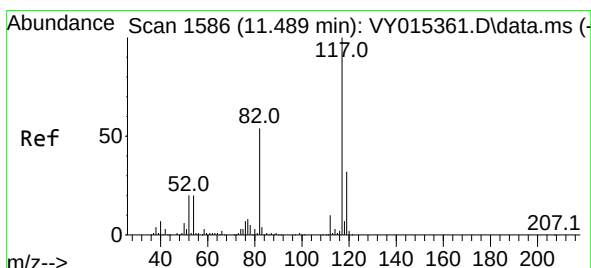
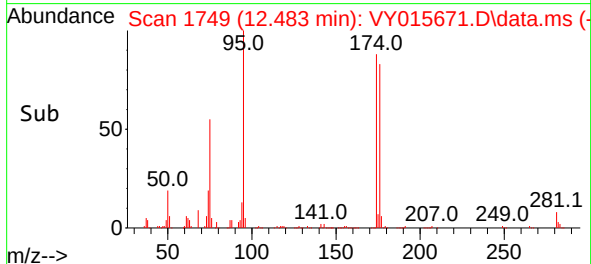
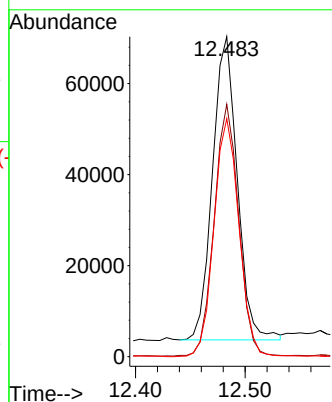
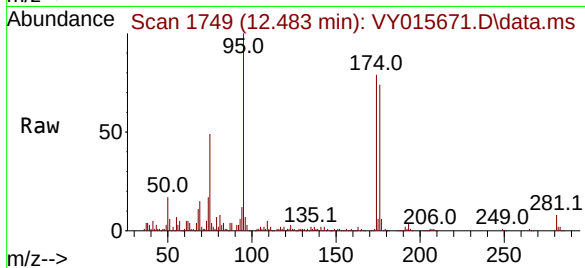




#62
4-Bromofluorobenzene
Concen: 56.294 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

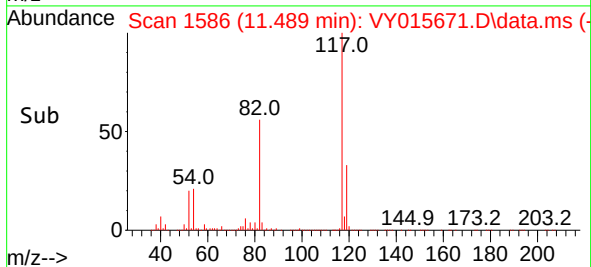
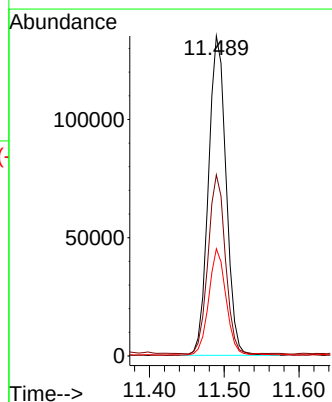
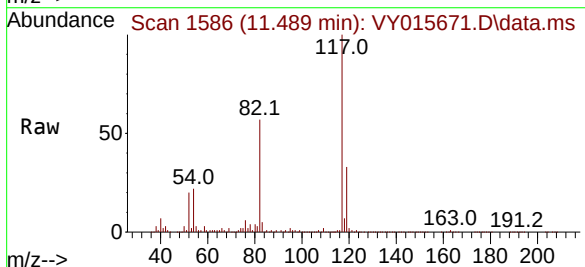
Instrument :
MSVOA_Y
ClientSampleId :

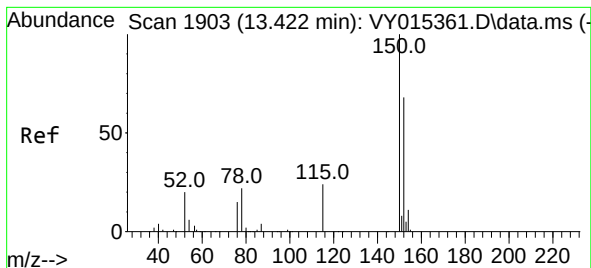
Tgt Ion: 95 Resp: 104471
Ion Ratio Lower Upper
95 100
174 82.0 0.0 178.2
176 79.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

Tgt Ion: 117 Resp: 221638
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 33.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015671.D

Acq: 21 Sep 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

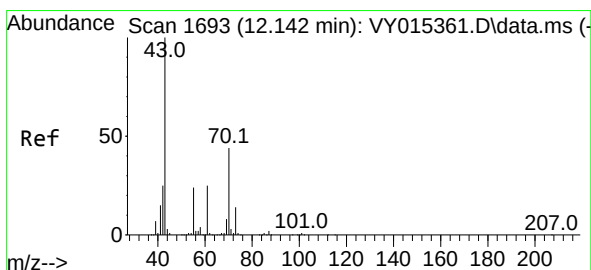
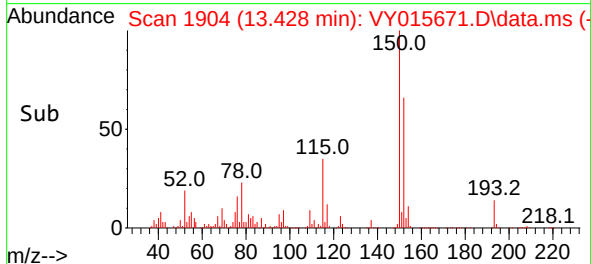
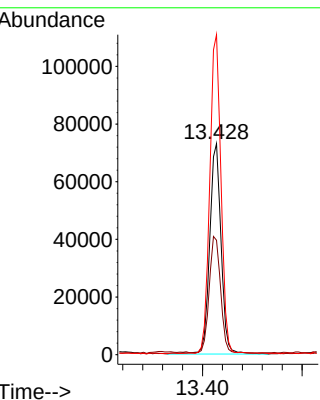
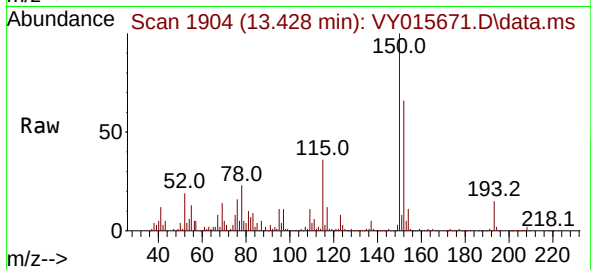
Tgt Ion:152 Resp: 115510

Ion Ratio Lower Upper

152 100

115 55.6 28.8 86.5

150 148.6 0.0 348.8



#74

N-ethyl acetate

Concen: 1.680 ug/l

RT: 12.111 min Scan# 1688

Delta R.T. -0.031 min

Lab File: VY015671.D

Acq: 21 Sep 2023 12:52

Tgt Ion: 43 Resp: 5473

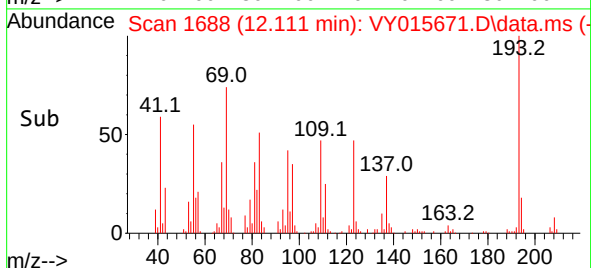
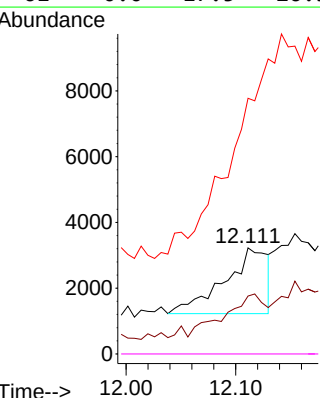
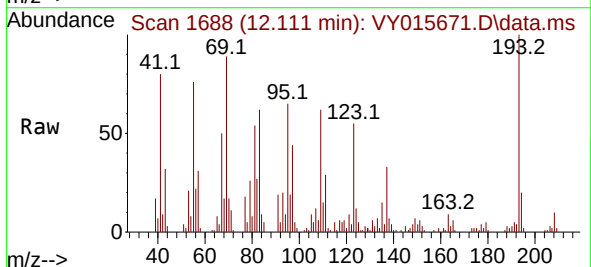
Ion Ratio Lower Upper

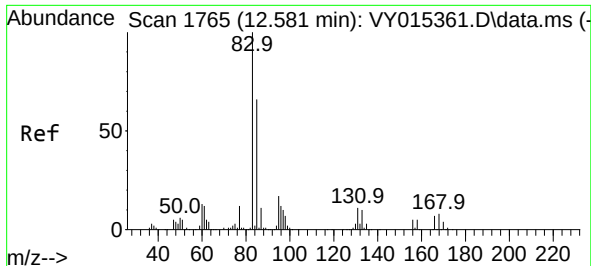
43 100

70 75.5 29.7 44.5#

55 0.0 18.3 27.5#

61 0.0 17.5 26.3#

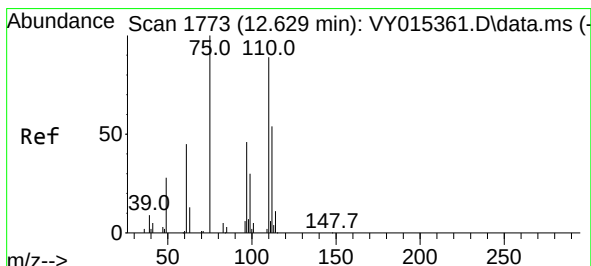
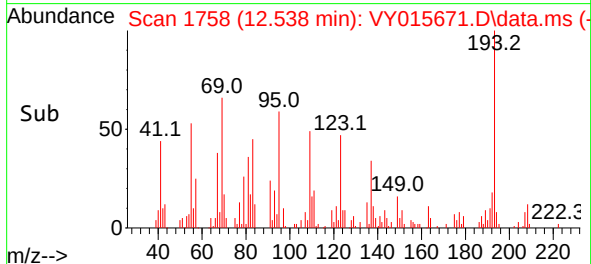
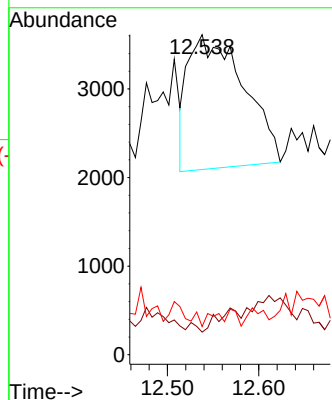
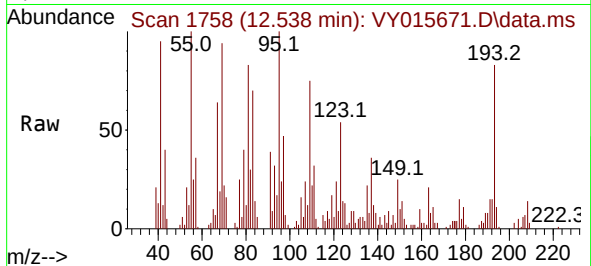




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.656 ug/l
 RT: 12.538 min Scan# 1749
 Delta R.T. -0.043 min
 Lab File: VY015671.D
 Acq: 21 Sep 2023 12:52

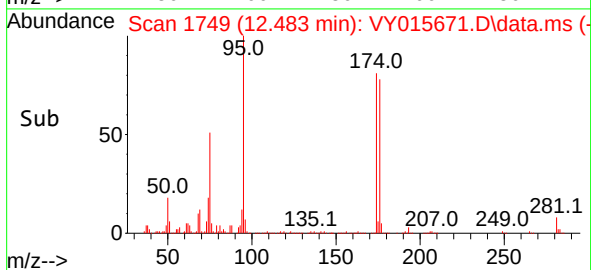
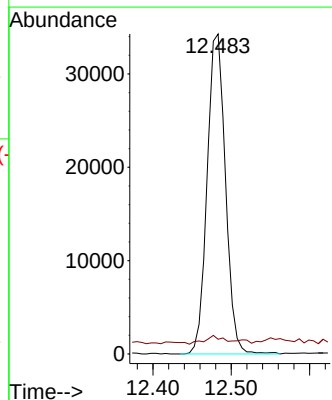
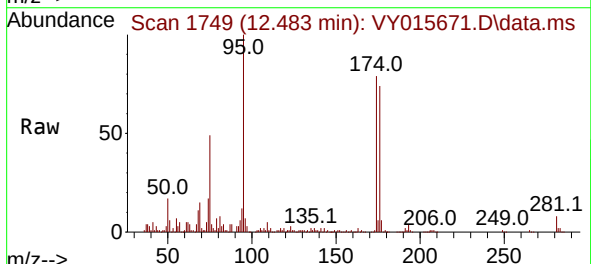
Instrument :
 MSVOA_Y
 ClientSampleId :

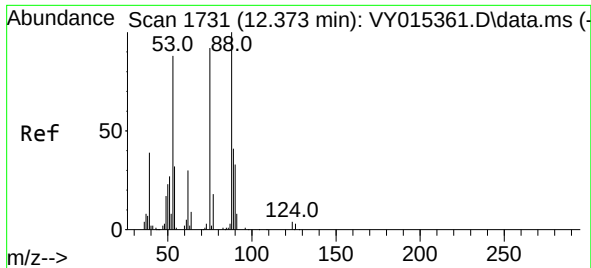
Tgt Ion: 83 Resp: 6405
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.4 16.2#
 85 2.6 31.8 95.4#



#76
 1,2,3-Trichloropropane
 Concen: 30.195 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015671.D
 Acq: 21 Sep 2023 12:52

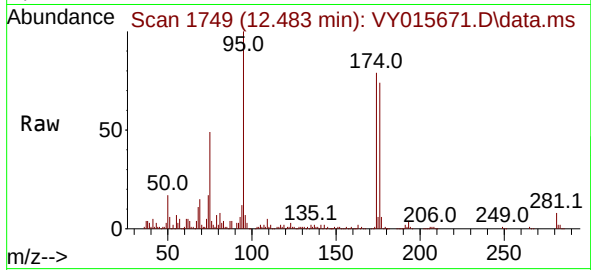
Tgt Ion: 75 Resp: 55643
 Ion Ratio Lower Upper
 75 100
 77 2.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.997 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015671.D
 Acq: 21 Sep 2023 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 55643
 Ion Ratio Lower Upper
 75 100
 53 1.6 77.8 116.8#
 89 0.4 37.4 56.0#

