

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015543.D
 Acq On : 14 Sep 2023 19:01
 Operator : SY/MD
 Sample : 04394-05
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 04:04:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

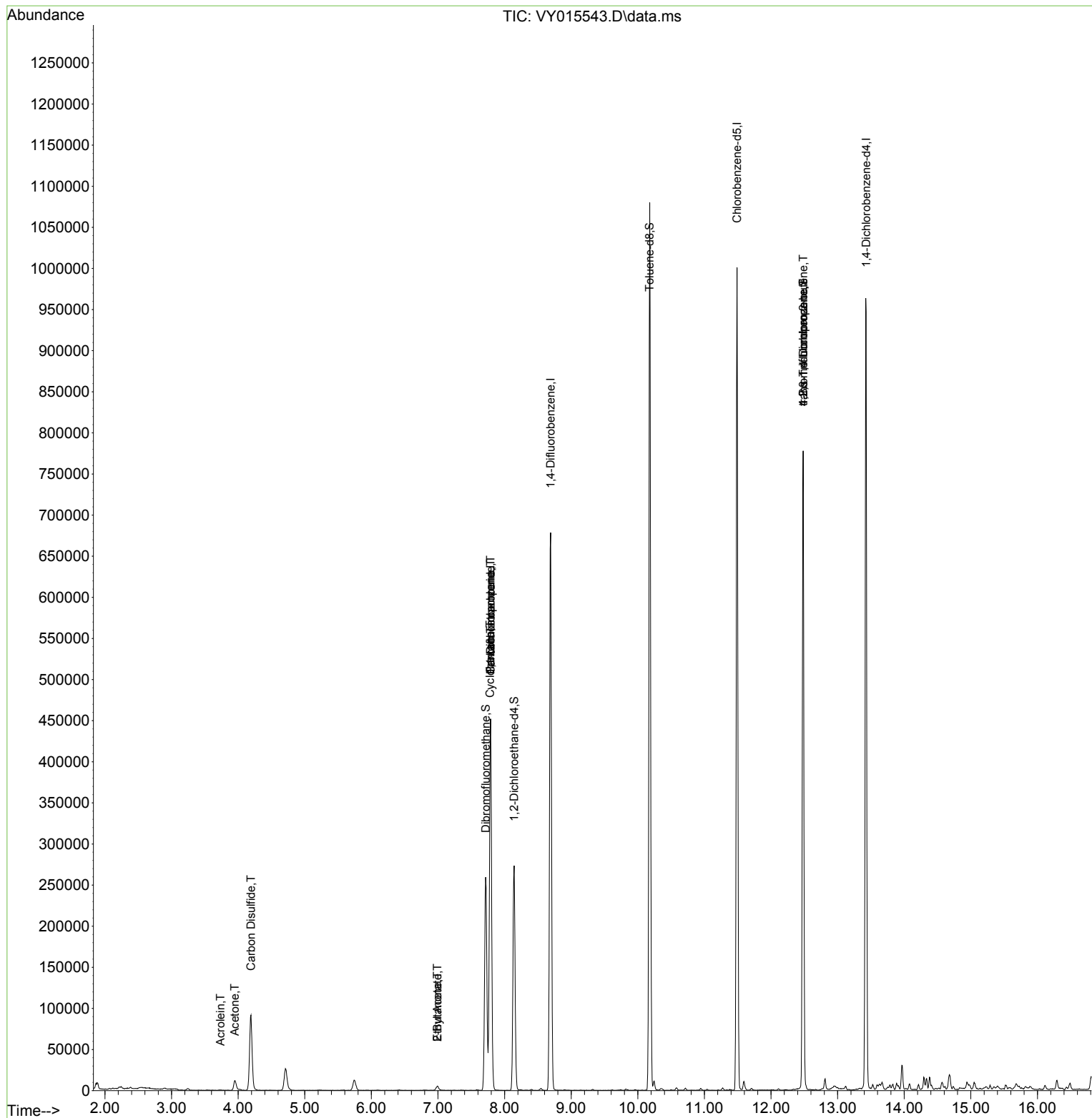
Internal Standards						
1) Pentafluorobenzene	7.789	168	356145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	592465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	528223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	238600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	215119	56.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.700%
35) Dibromofluoromethane	7.716	113	183834	53.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.740%
50) Toluene-d8	10.179	98	692545	56.041	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.080%
62) 4-Bromofluorobenzene	12.483	95	232352	50.647	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	185	Below Cal	#	89
13) Acrolein	3.735	56	468	12.066	ug/l	86
16) Acetone	3.948	43	21502	13.493	ug/l	99
17) Carbon Disulfide	4.192	76	185113	17.490	ug/l	99
20) Methylene Chloride	4.710	84	20671	Below Cal	#	85
25) 2-Butanone	6.990	43	6430	2.845	ug/l	# 87
31) Cyclohexane	7.783	56	7573	1.117	ug/l	# 7
36) 1,1-Dichloropropene	7.789	75	26462	4.416	ug/l	# 50
37) Ethyl Acetate	6.990	43	6430	1.391	ug/l	# 72
38) Carbon Tetrachloride	7.789	117	34749	5.615	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	125241	39.582	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	125241	87.314	ug/l	# 11

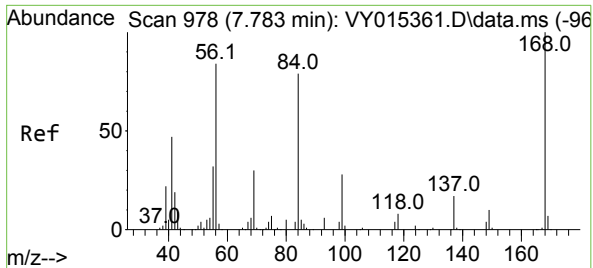
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
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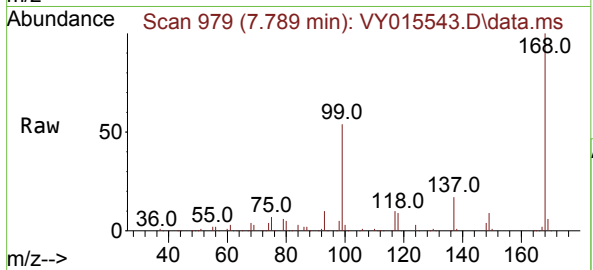
Quant Time: Sep 15 04:04:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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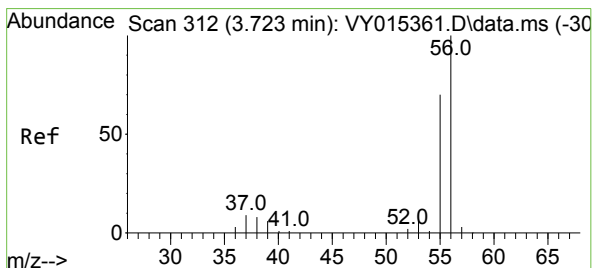
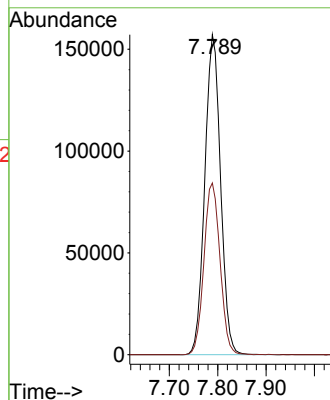
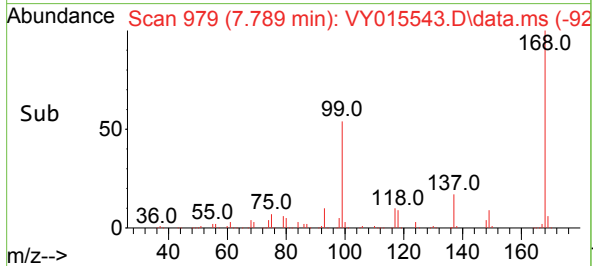


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01

Instrument :
MSVOA_Y
ClientSampleId :

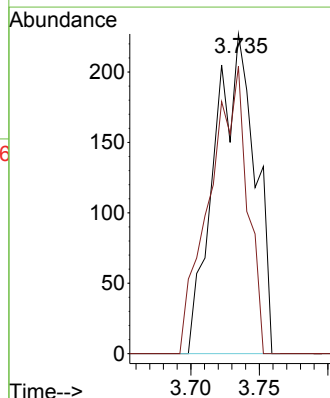
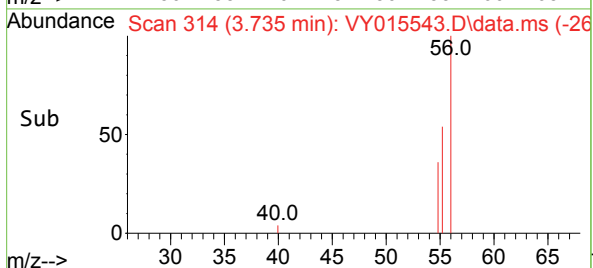
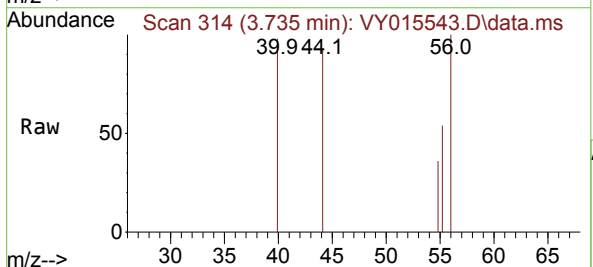


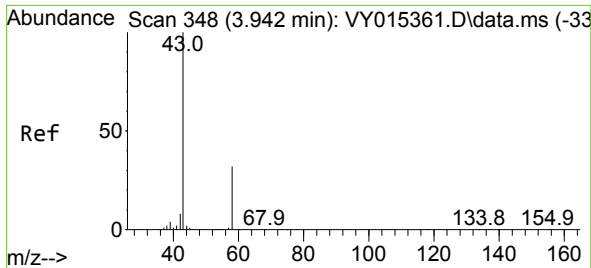
Tgt Ion:168 Resp: 356145
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#13
Acrolein
Concen: 12.066 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01

Tgt Ion: 56 Resp: 468
Ion Ratio Lower Upper
56 100
55 83.1 57.0 85.4





#16

Acetone

Concen: 13.493 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY015543.D

Acq: 14 Sep 2023 19:01

Instrument :

MSVOA_Y

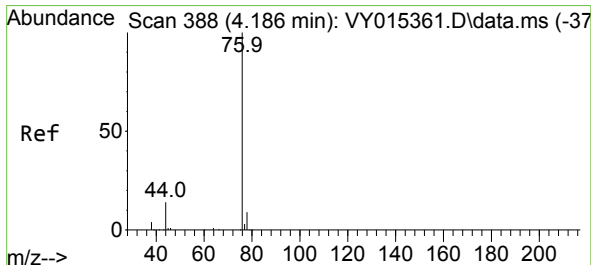
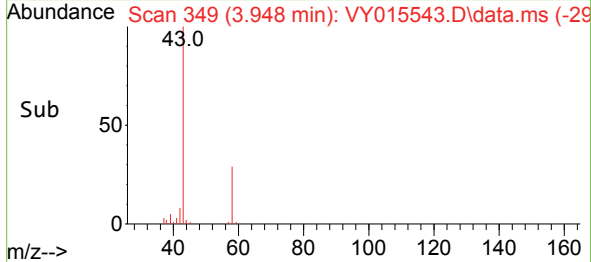
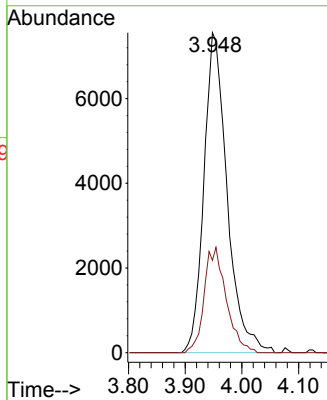
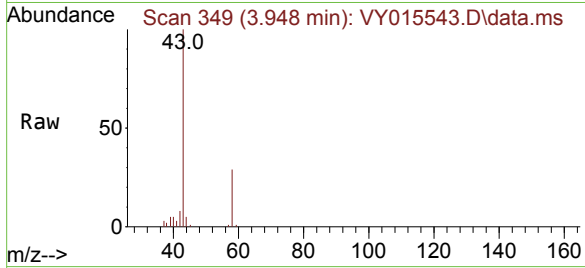
ClientSampleId :

Tgt Ion: 43 Resp: 21502

Ion Ratio Lower Upper

43 100

58 28.8 22.7 34.1



#17

Carbon Disulfide

Concen: 17.490 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY015543.D

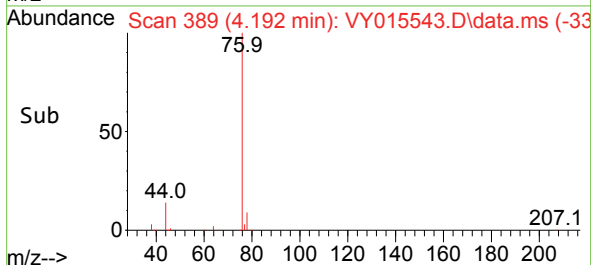
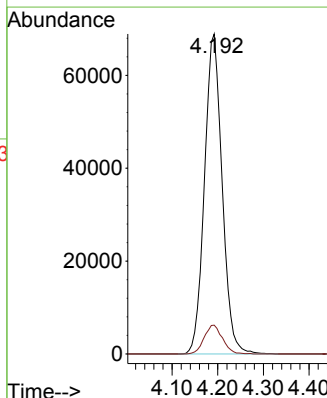
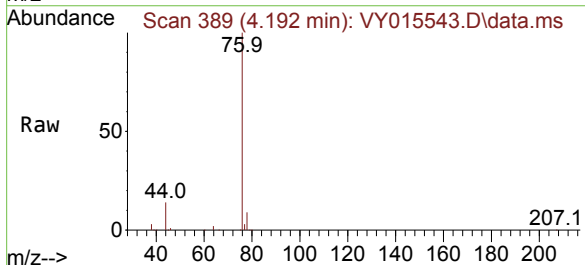
Acq: 14 Sep 2023 19:01

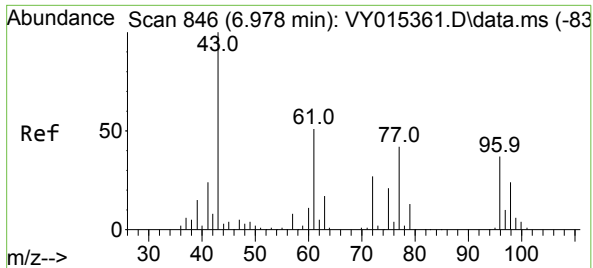
Tgt Ion: 76 Resp: 185113

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

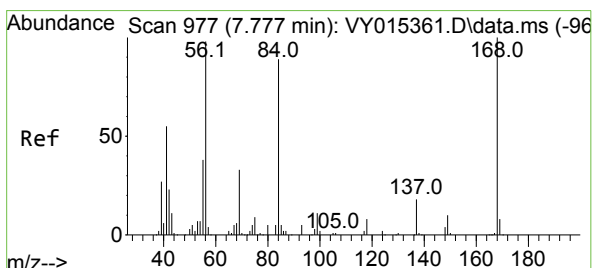
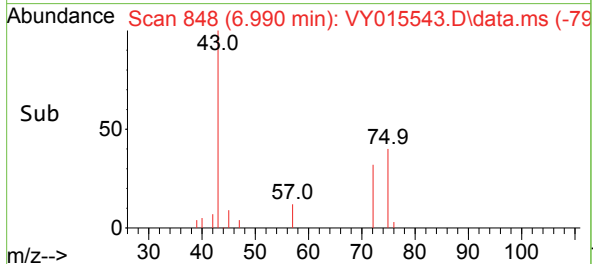
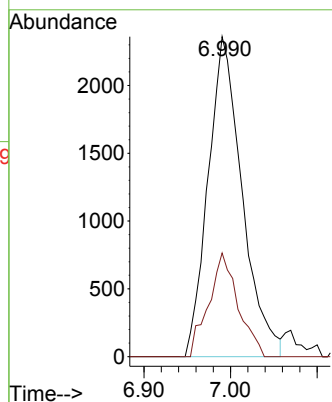
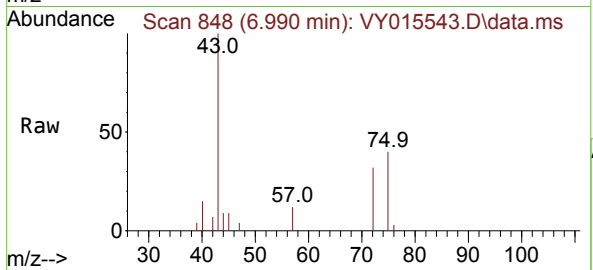




#25
2-Butanone
Concen: 2.845 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01

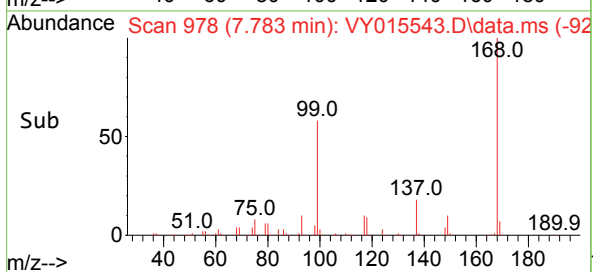
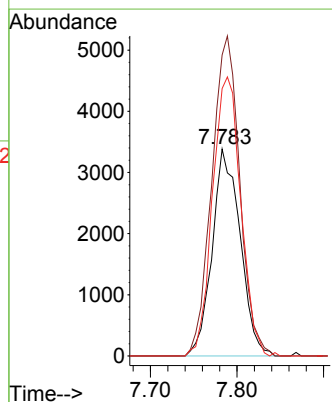
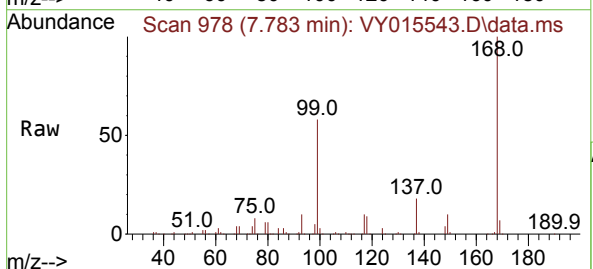
Instrument :
MSVOA_Y
ClientSampleId :

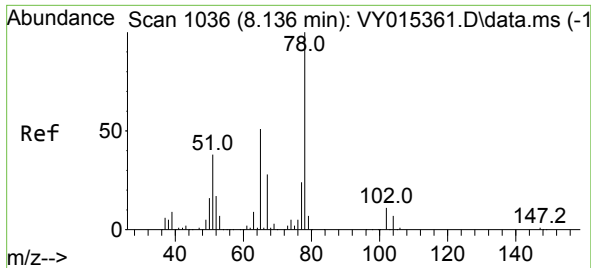
Tgt Ion: 43 Resp: 6430
Ion Ratio Lower Upper
43 100
72 32.4 20.5 30.7#



#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01

Tgt Ion: 56 Resp: 7573
Ion Ratio Lower Upper
56 100
69 145.4 27.8 41.6#
84 129.2 66.4 99.6#

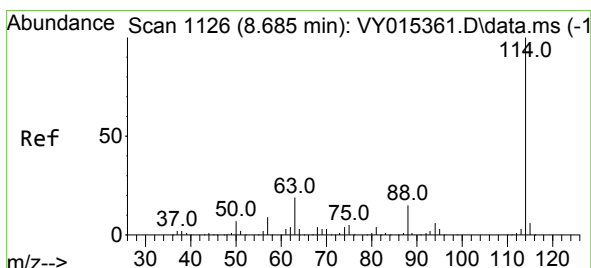
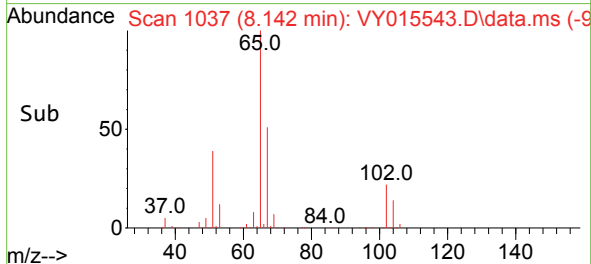
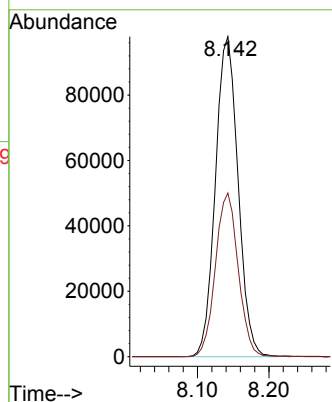
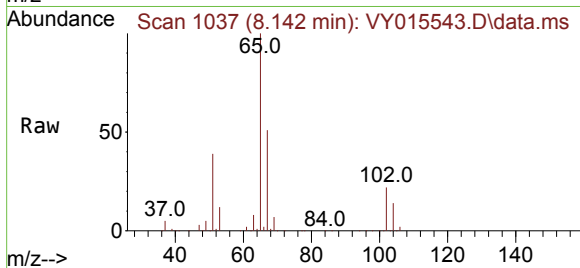




#33
 1,2-Dichloroethane-d4
 Concen: 56.346 ug/l
 RT: 8.142 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY015543.D
 Acq: 14 Sep 2023 19:01

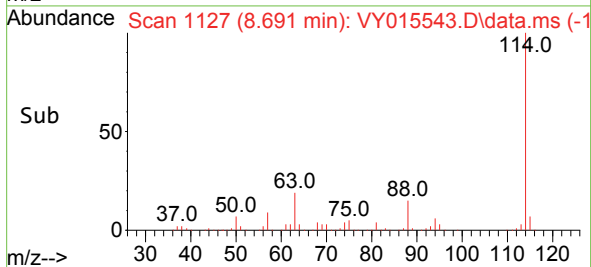
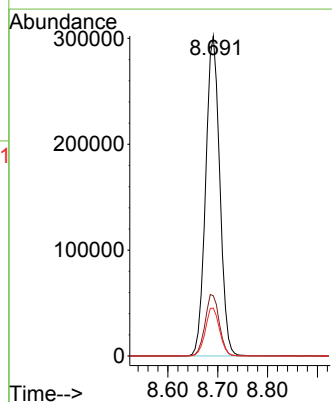
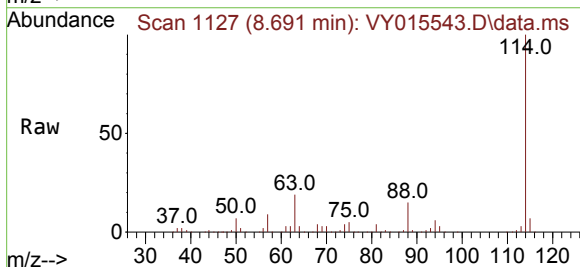
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 215119
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VY015543.D
 Acq: 14 Sep 2023 19:01

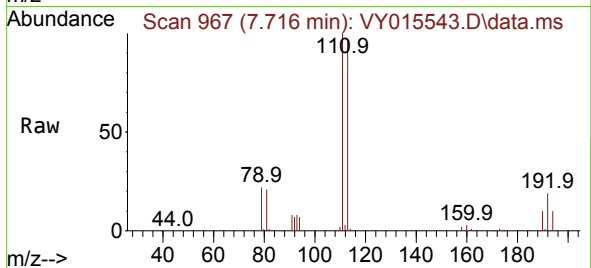
Tgt Ion: 114 Resp: 592465
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 15.0 0.0 30.6



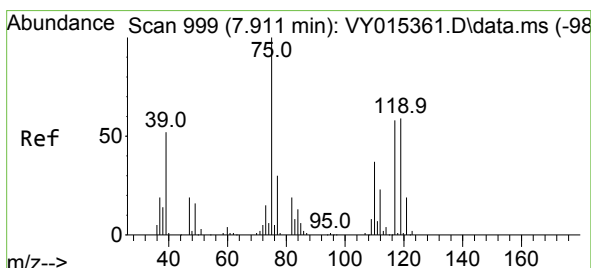
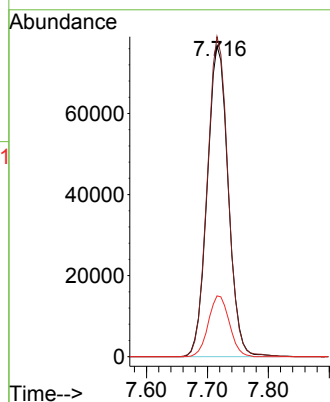
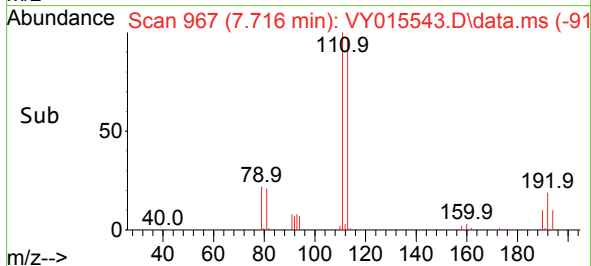


#35
Dibromofluoromethane
Concen: 53.871 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01

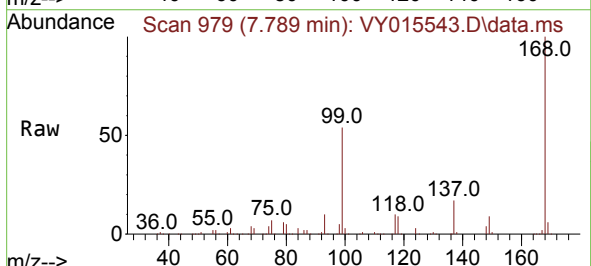
Instrument :
MSVOA_Y
ClientSampleId :



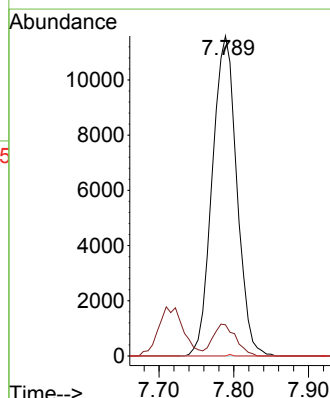
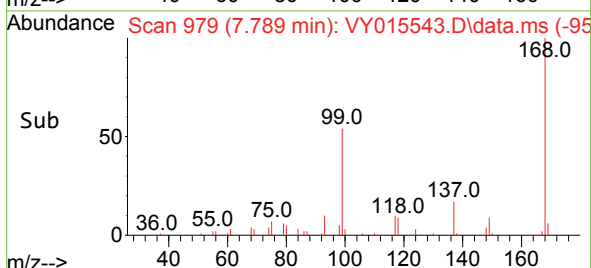
Tgt Ion:113 Resp: 183834
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.5 16.9 25.3

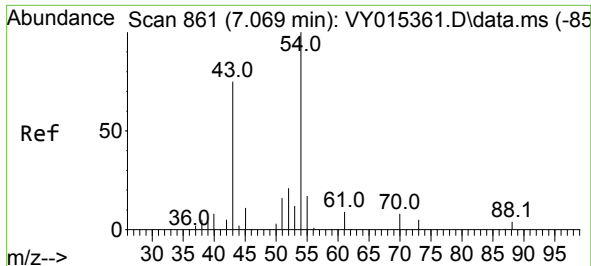


#36
1,1-Dichloropropene
Concen: 4.416 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01



Tgt Ion: 75 Resp: 26462
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.1 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.391 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.073 min

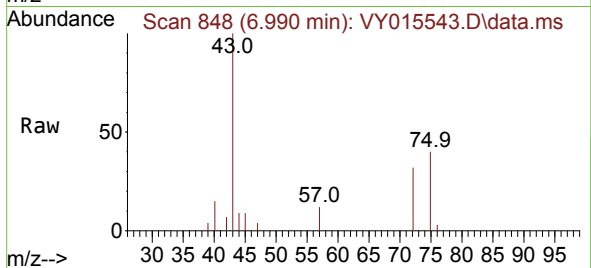
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Acq: 14 Sep 2023 19:01

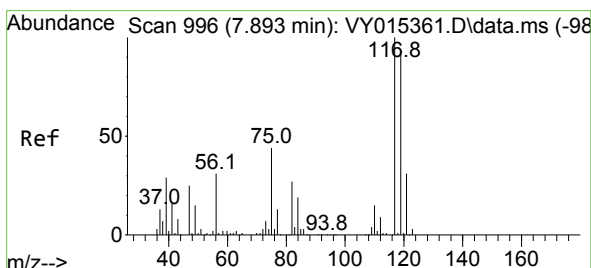
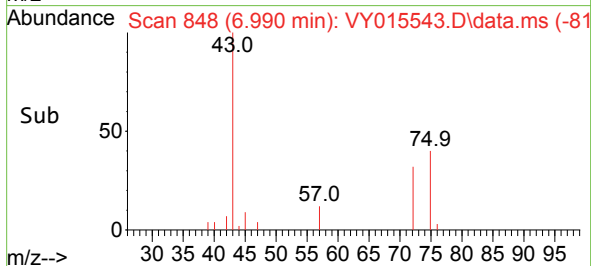
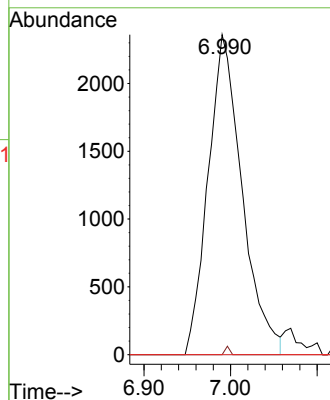
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	6430
Ion	Ratio	Lower	Upper
43	100		
61	0.4	10.1	15.1#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.615 ug/l

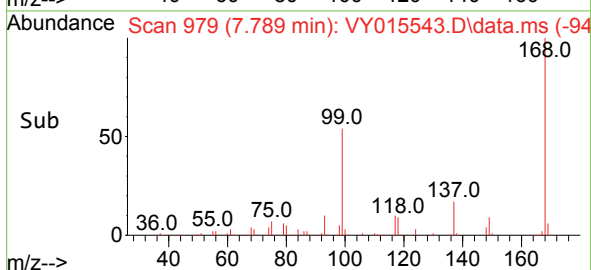
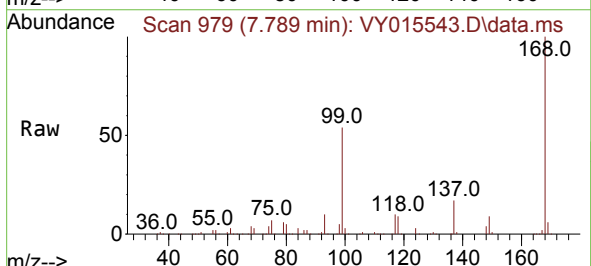
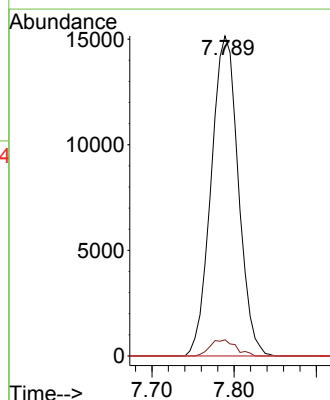
RT: 7.789 min Scan# 979

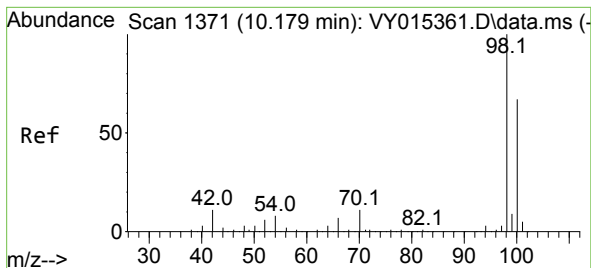
Delta R.T. -0.104 min

Lab File: VY015543.D

Acq: 14 Sep 2023 19:01

Tgt Ion:	117	Resp:	34749
Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.4	114.6#
121	0.0	25.8	38.6#

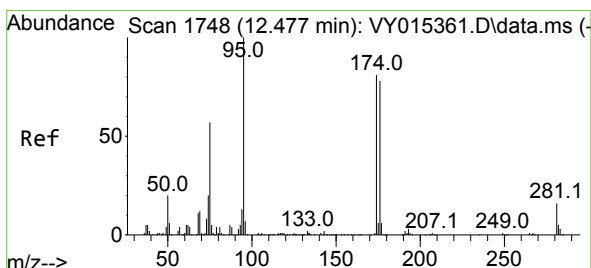
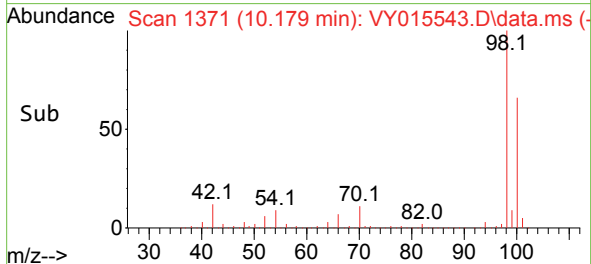
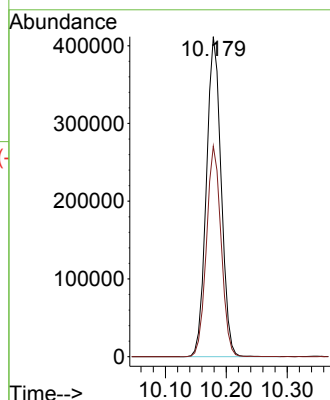
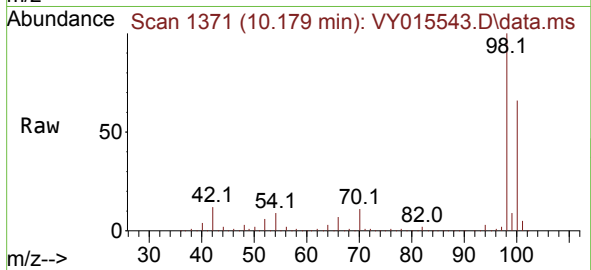




#50
Toluene-d8
Concen: 56.041 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01

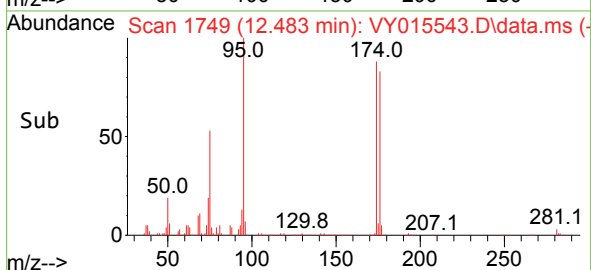
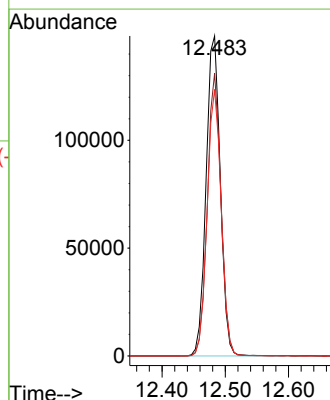
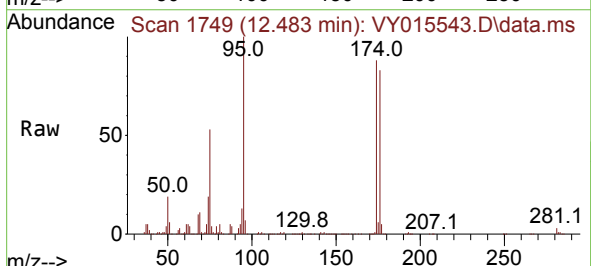
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 692545
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.647 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015543.D
Acq: 14 Sep 2023 19:01

Tgt Ion: 95 Resp: 232352
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

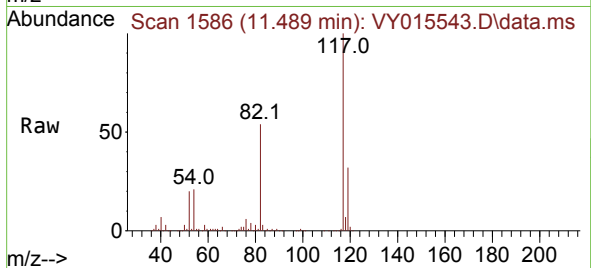
Lab File: VY015543.D

Acq: 14 Sep 2023 19:01

Instrument :

MSVOA_Y

ClientSampleId :



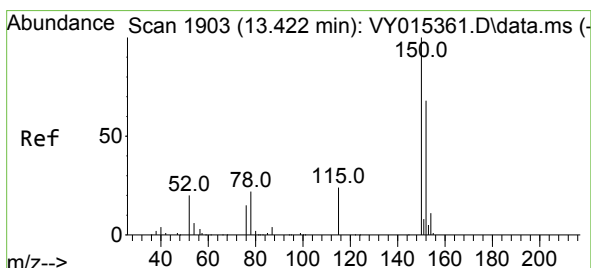
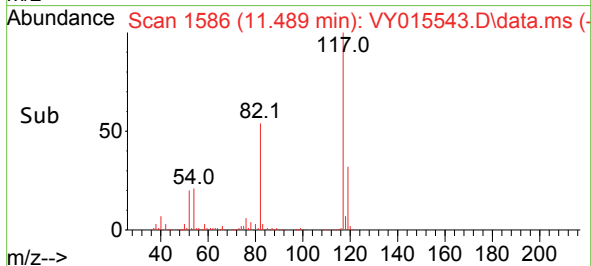
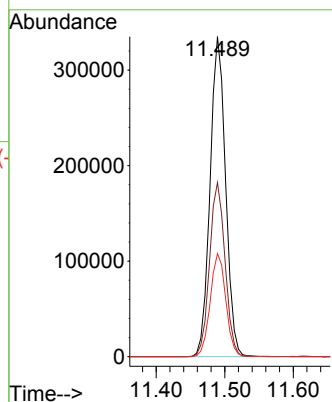
Tgt Ion:117 Resp: 528223

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015543.D

Acq: 14 Sep 2023 19:01

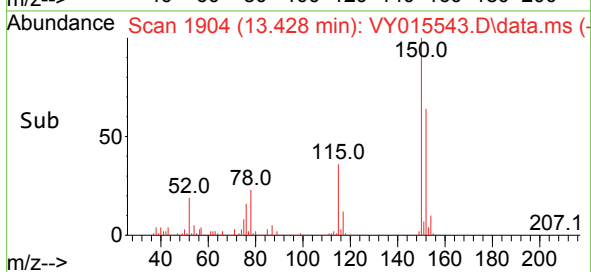
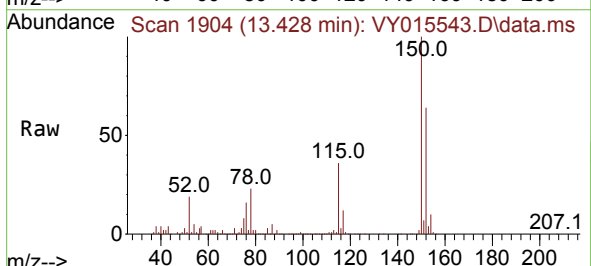
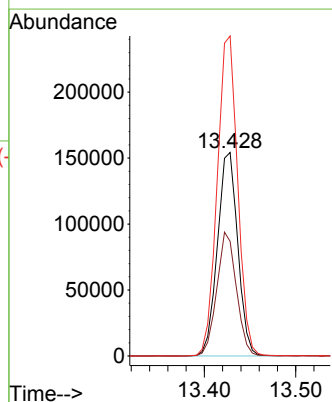
Tgt Ion:152 Resp: 238600

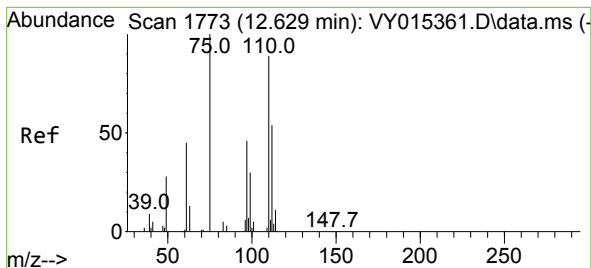
Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 158.1 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 39.582 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015543.D

Acq: 14 Sep 2023 19:01

Instrument :

MSVOA_Y

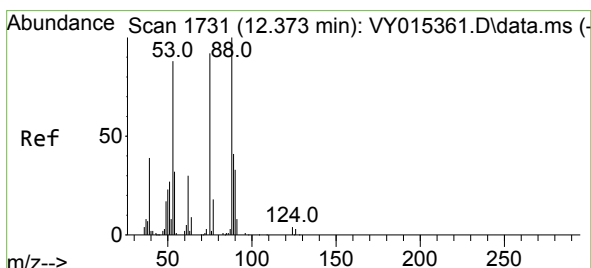
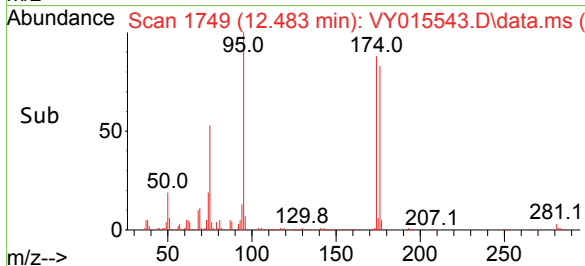
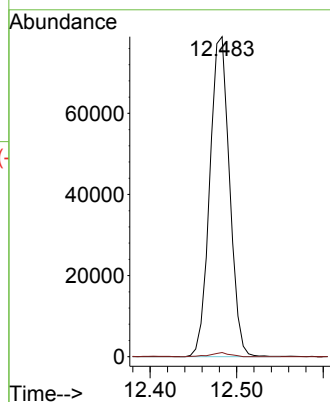
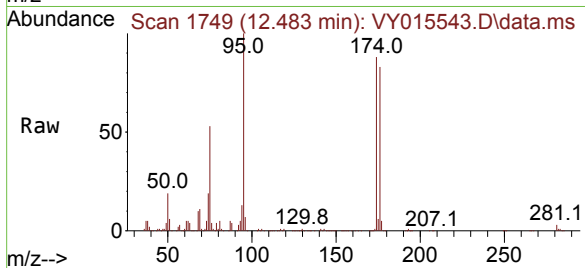
ClientSampleId :

Tgt Ion: 75 Resp: 125241

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.314 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY015543.D

Acq: 14 Sep 2023 19:01

Tgt Ion: 75 Resp: 125241

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.1 37.4 56.0#

