

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015523.D
 Acq On : 12 Sep 2023 21:21
 Operator : SY/MD
 Sample : 04397-03
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:58:13 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)

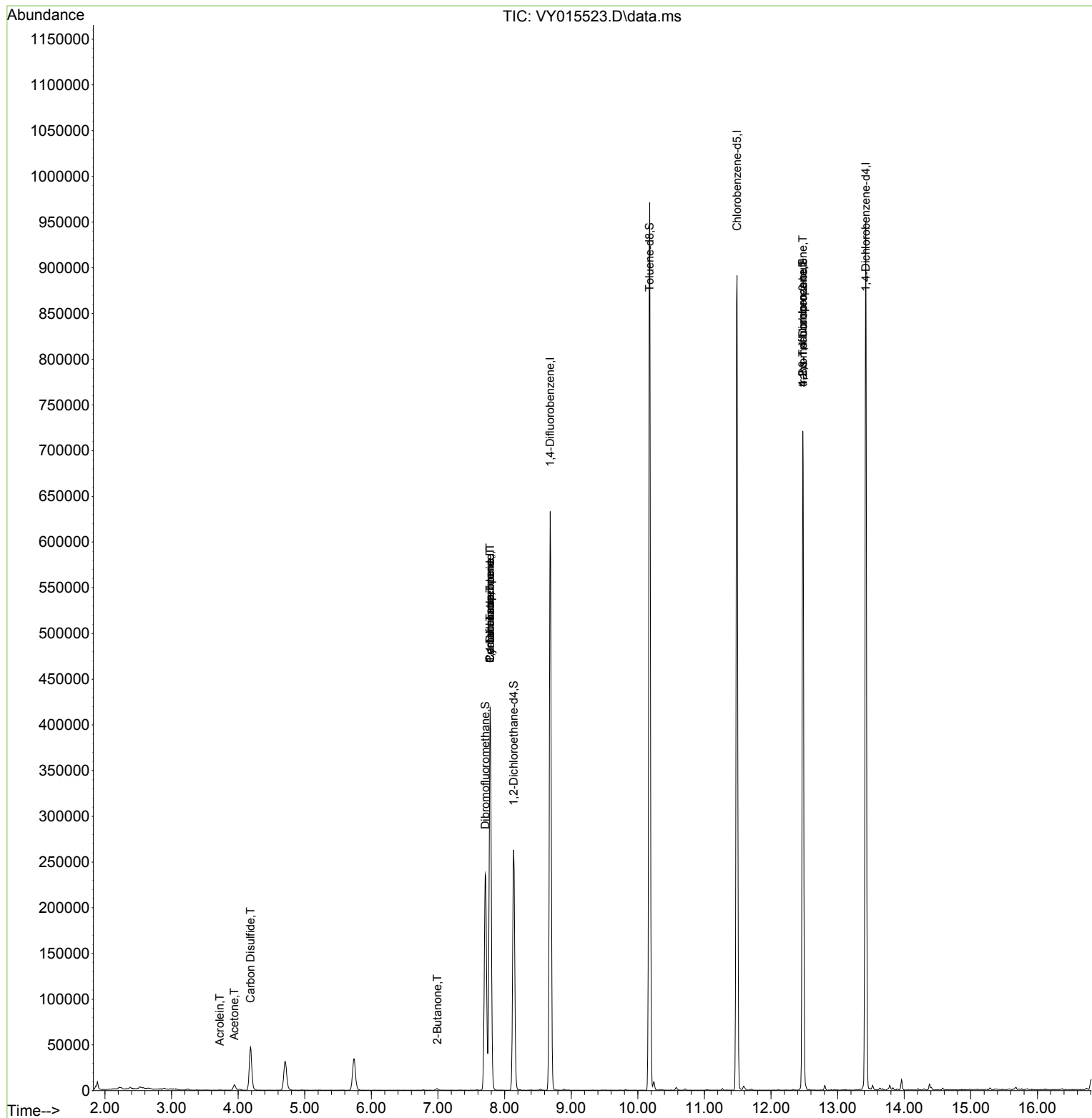
Internal Standards						
1) Pentafluorobenzene	7.783	168	325021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	534189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	490265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	234452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	205876	59.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.180%	
35) Dibromofluoromethane	7.710	113	167536	54.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.900%	
50) Toluene-d8	10.179	98	633168	56.826	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.660%	
62) 4-Bromofluorobenzene	12.477	95	217246	52.520	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	313	Below Cal	#	89
13) Acrolein	3.722	56	378	12.018	ug/l #	62
16) Acetone	3.942	43	10704	7.360	ug/l	99
17) Carbon Disulfide	4.186	76	94695	9.804	ug/l	97
20) Methylene Chloride	4.710	84	24216	Below Cal		93
25) 2-Butanone	6.990	43	3306	1.603	ug/l	96
31) Cyclohexane	7.783	56	6888	1.113	ug/l #	16
36) 1,1-Dichloropropene	7.783	75	24763	4.584	ug/l #	50
38) Carbon Tetrachloride	7.783	117	31617	5.666	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	116842	37.581	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	116842	82.899	ug/l #	11

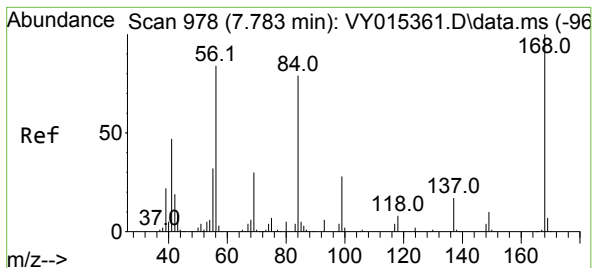
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 31 20:01:47 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015523.D

Acq: 12 Sep 2023 21:21

Instrument :

MSVOA_Y

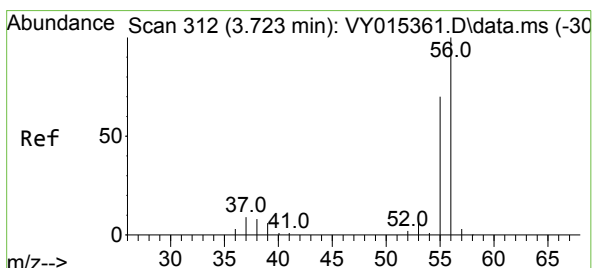
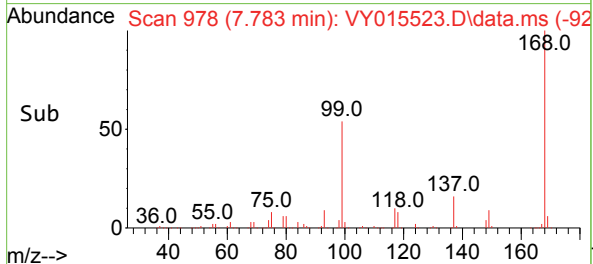
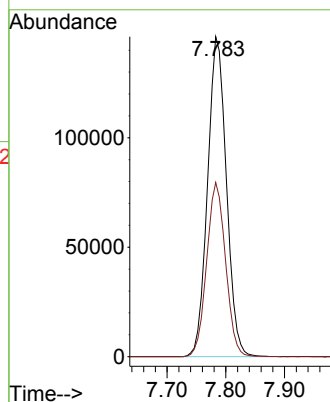
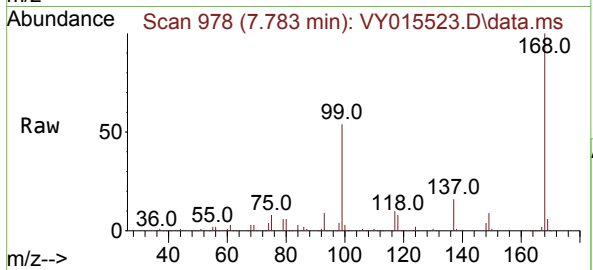
ClientSampleId :

Tgt Ion:168 Resp: 325021

Ion Ratio Lower Upper

168 100

99 54.5 43.4 65.0



#13

Acrolein

Concen: 12.018 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.001 min

Lab File: VY015523.D

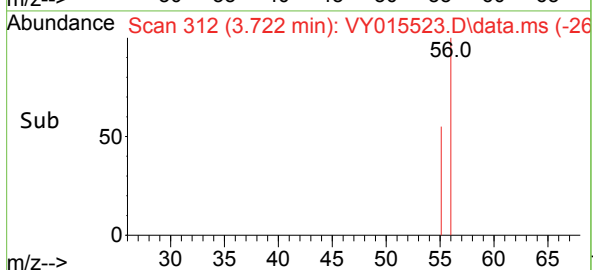
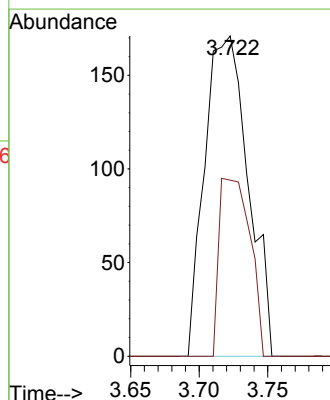
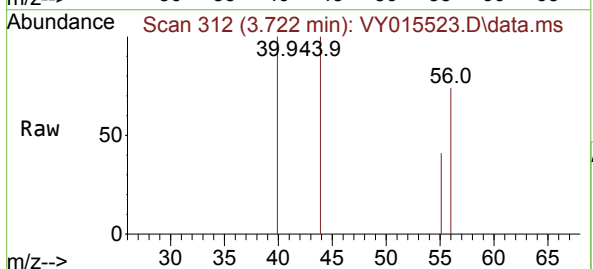
Acq: 12 Sep 2023 21:21

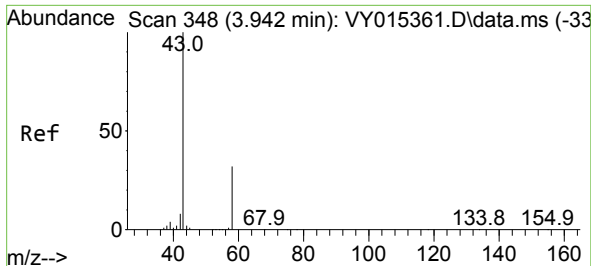
Tgt Ion: 56 Resp: 378

Ion Ratio Lower Upper

56 100

55 39.4 57.0 85.4#





#16

Acetone

Concen: 7.360 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

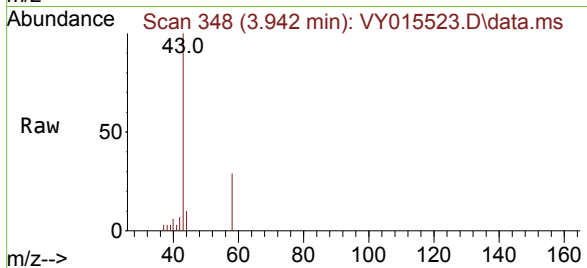
Lab File: VY015523.D

Acq: 12 Sep 2023 21:21

Instrument :

MSVOA_Y

ClientSampleId :

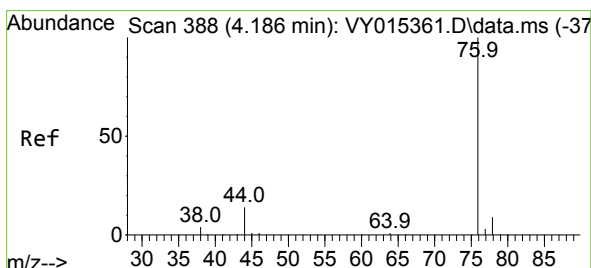
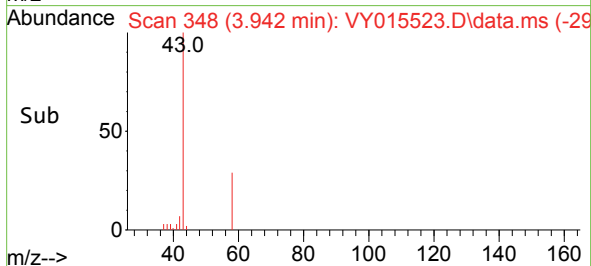
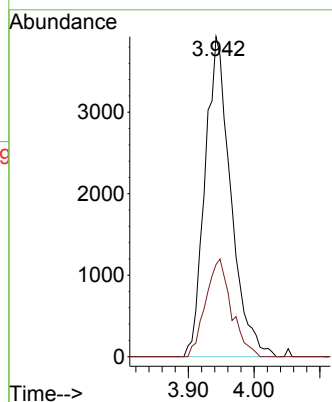


Tgt Ion: 43 Resp: 10704

Ion Ratio Lower Upper

43 100

58 28.8 22.7 34.1



#17

Carbon Disulfide

Concen: 9.804 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.000 min

Lab File: VY015523.D

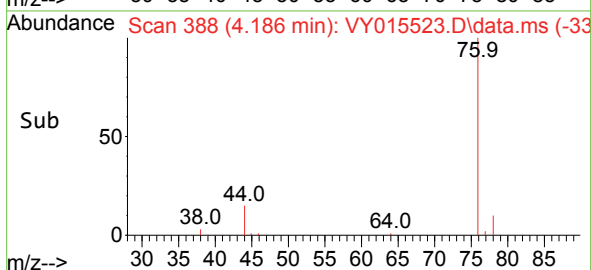
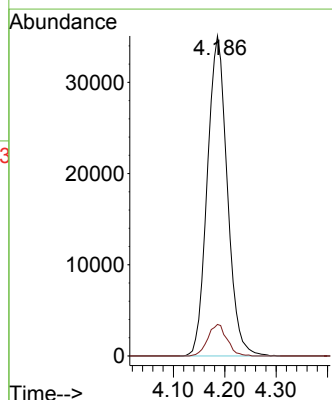
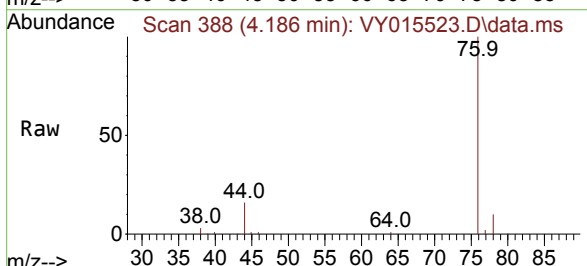
Acq: 12 Sep 2023 21:21

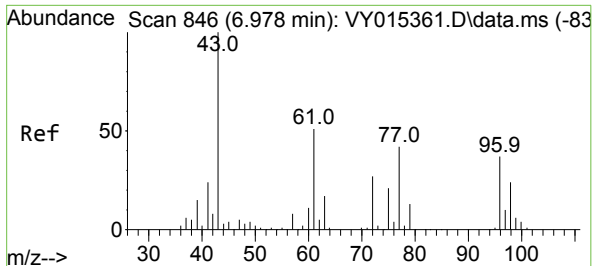
Tgt Ion: 76 Resp: 94695

Ion Ratio Lower Upper

76 100

78 9.9 7.0 10.4





#25

2-Butanone

Concen: 1.603 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

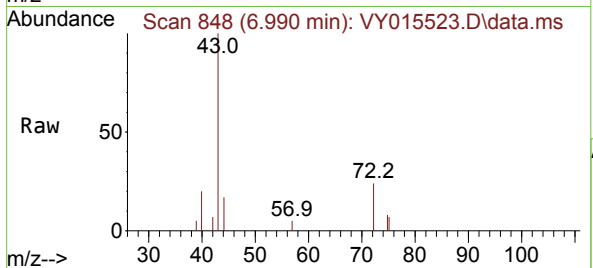
Lab File: VY015523.D

Acq: 12 Sep 2023 21:21

Instrument :

MSVOA_Y

ClientSampleId :

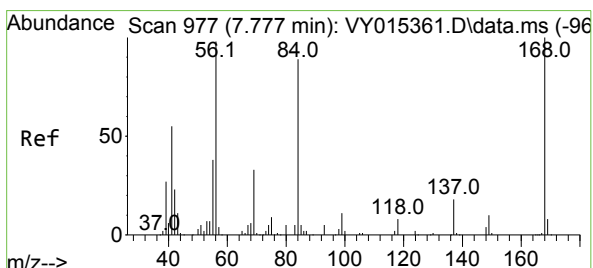
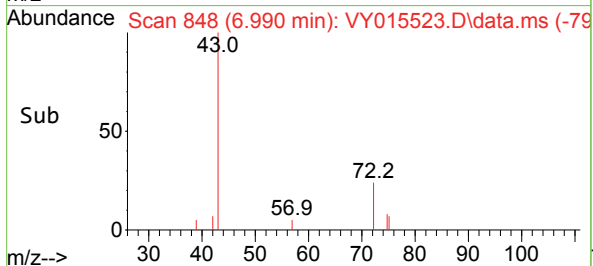
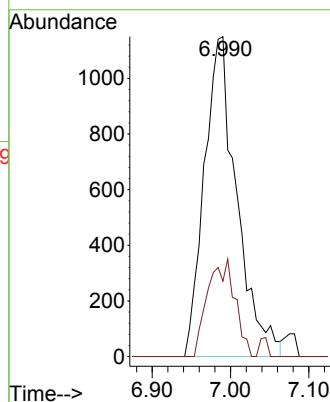


Tgt Ion: 43 Resp: 3306

Ion Ratio Lower Upper

43 100

72 23.6 20.5 30.7



#31

Cyclohexane

Concen: 1.113 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY015523.D

Acq: 12 Sep 2023 21:21

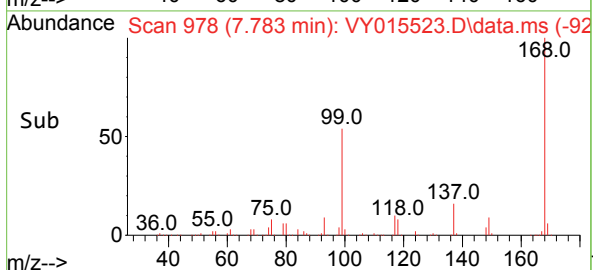
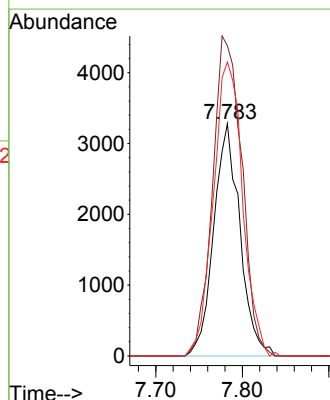
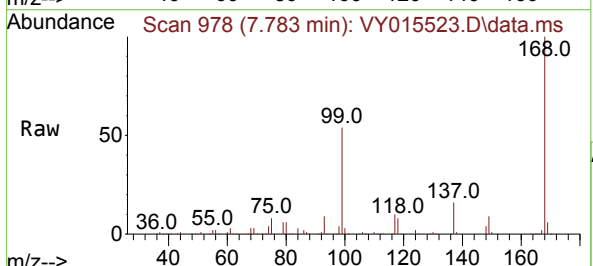
Tgt Ion: 56 Resp: 6888

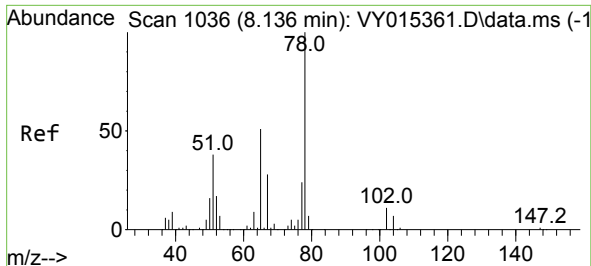
Ion Ratio Lower Upper

56 100

69 133.5 27.8 41.6#

84 126.5 66.4 99.6#



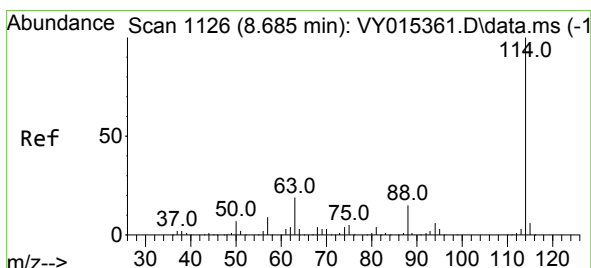
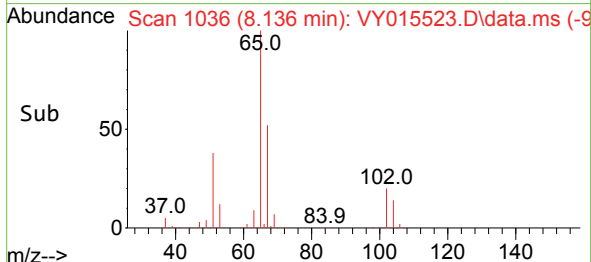
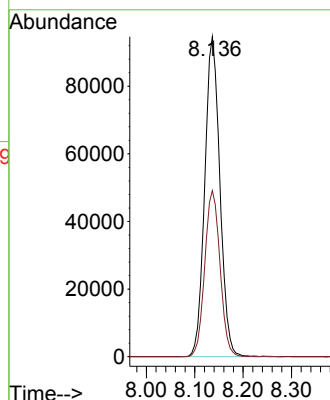
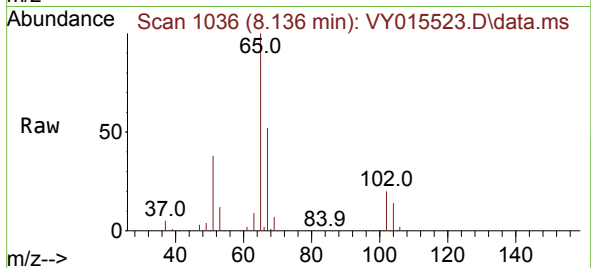


#33
 1,2-Dichloroethane-d4
 Concen: 59.089 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY015523.D
 Acq: 12 Sep 2023 21:21

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 205876

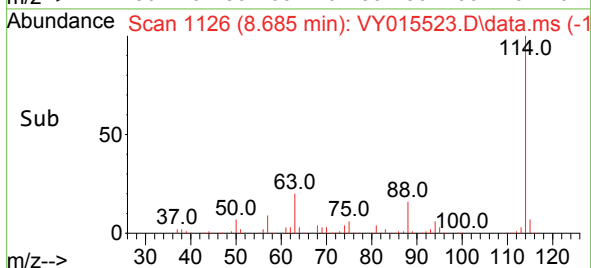
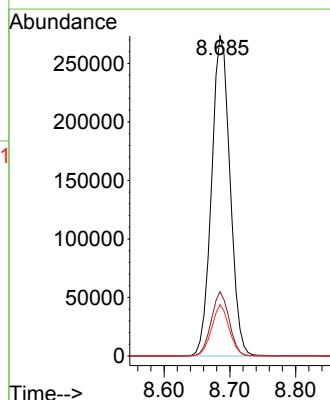
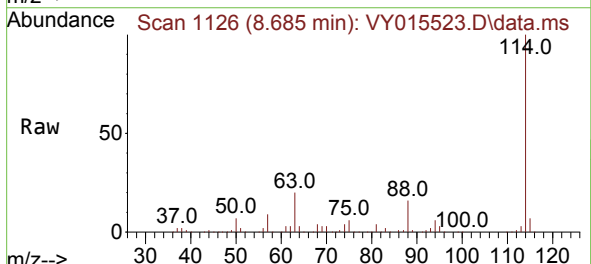
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	101.8

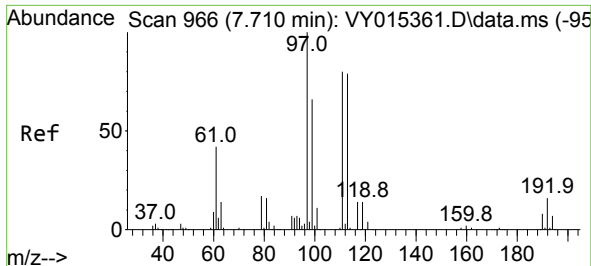


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY015523.D
 Acq: 12 Sep 2023 21:21

Tgt Ion: 114 Resp: 534189

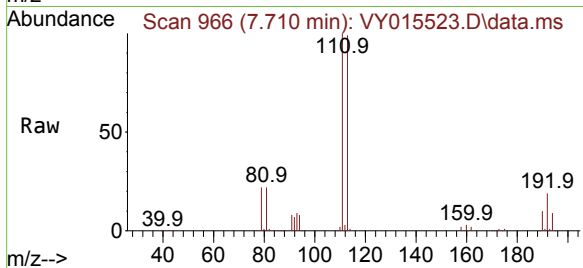
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.4
88	16.1	0.0	30.6



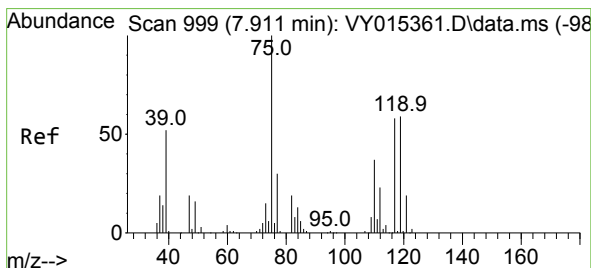
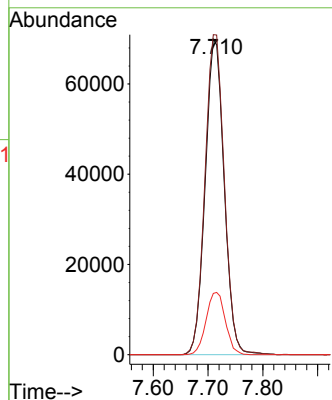
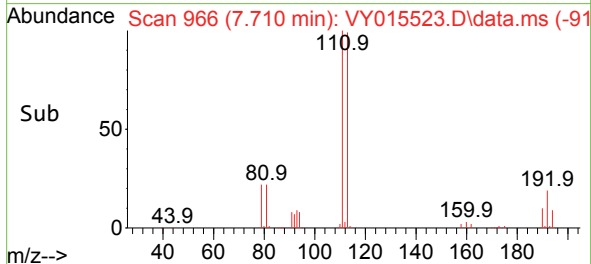


#35
Dibromofluoromethane
Concen: 54.451 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21

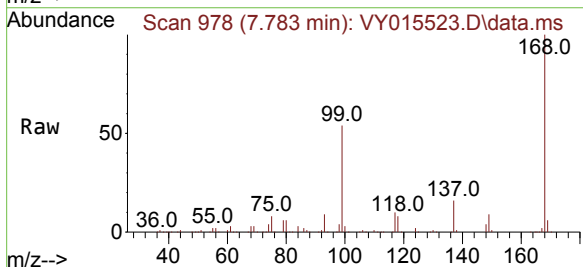
Instrument :
MSVOA_Y
ClientSampleId :



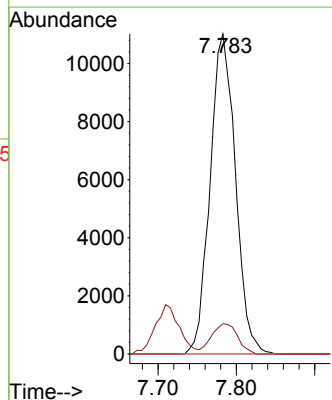
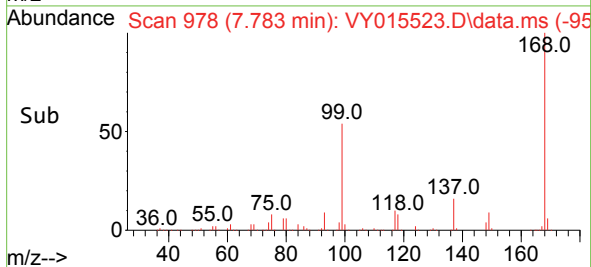
Tgt Ion:113 Resp: 167536
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 20.0 16.9 25.3

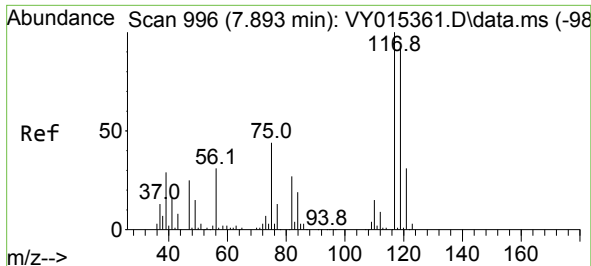


#36
1,1-Dichloropropene
Concen: 4.584 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21



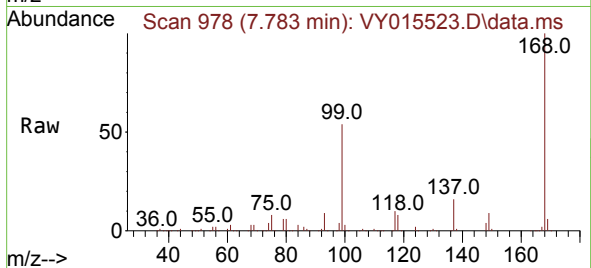
Tgt Ion: 75 Resp: 24763
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#



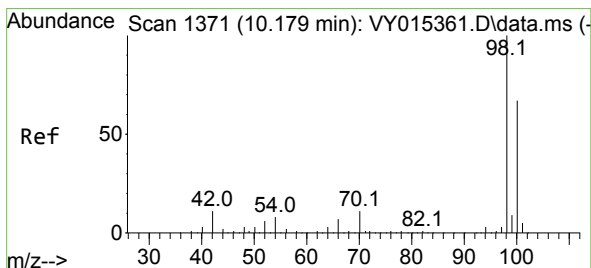
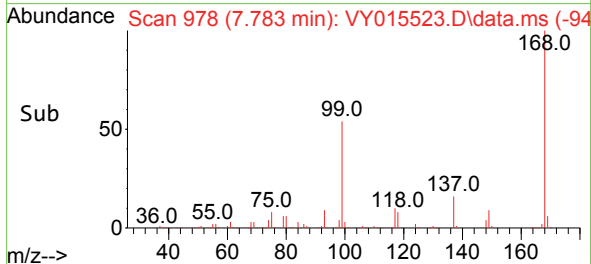
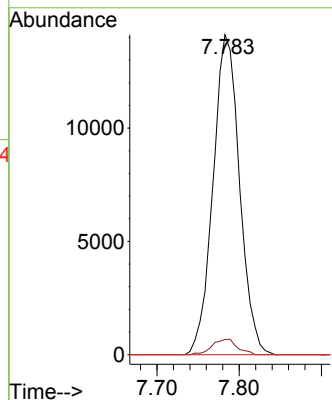


#38
Carbon Tetrachloride
Concen: 5.666 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21

Instrument :
MSVOA_Y
ClientSampleId :

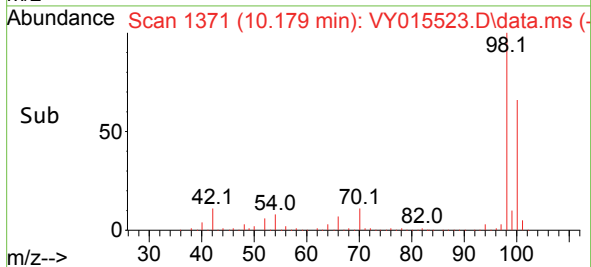
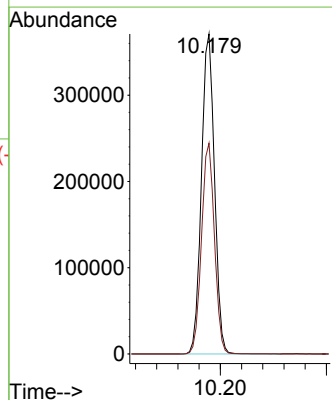
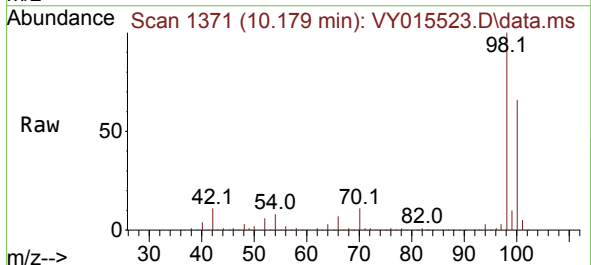


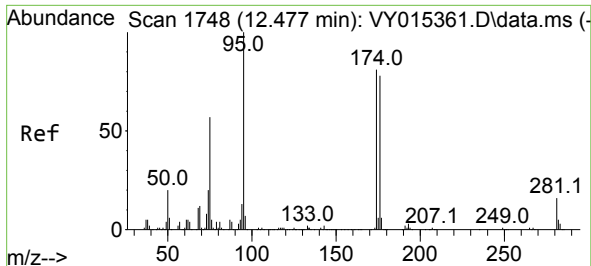
Tgt Ion:117 Resp: 31617
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.826 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21

Tgt Ion: 98 Resp: 633168
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

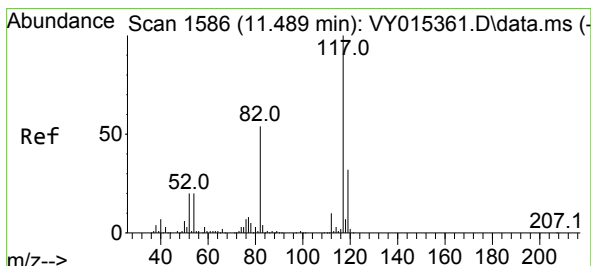
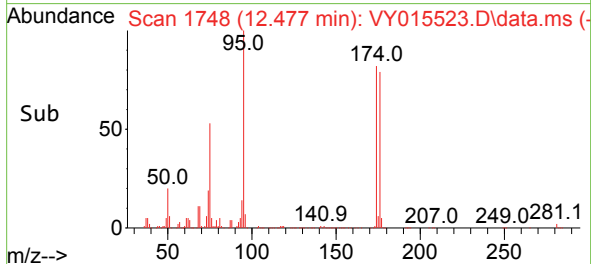
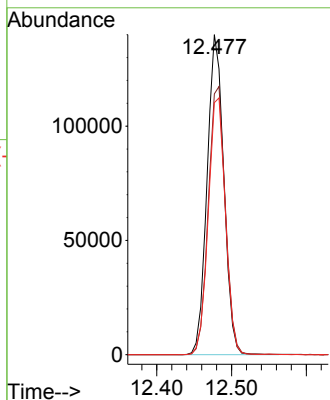
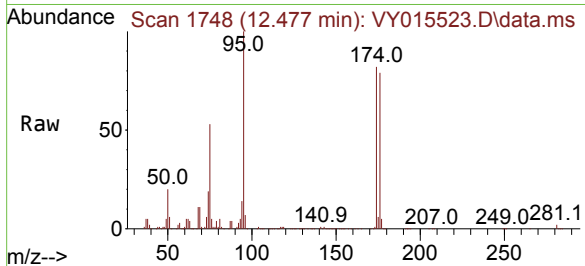




#62
4-Bromofluorobenzene
Concen: 52.520 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21

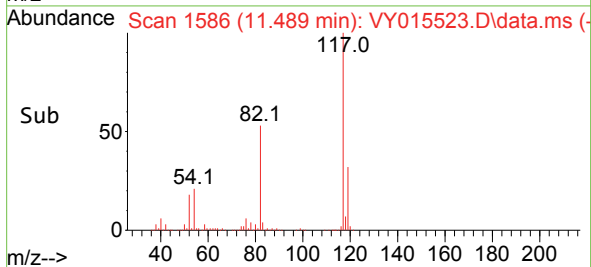
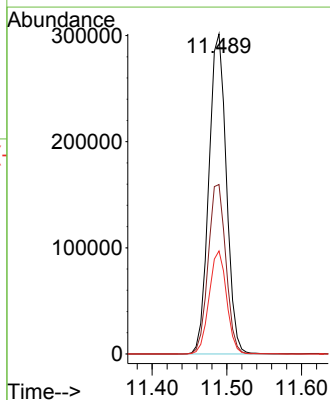
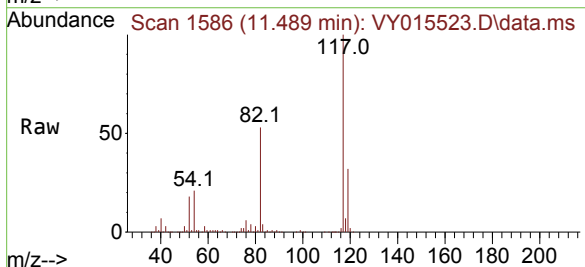
Instrument :
MSVOA_Y
ClientSampleId :

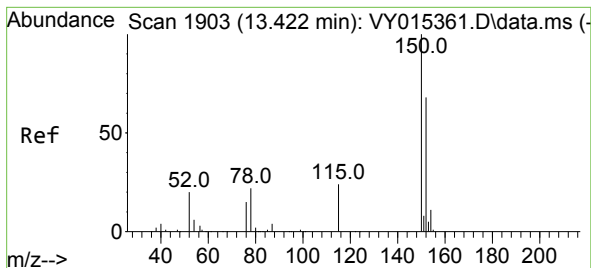
Tgt Ion: 95 Resp: 217246
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21

Tgt Ion: 117 Resp: 490265
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.2 26.3 39.5

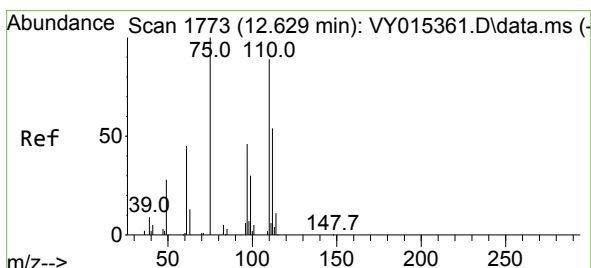
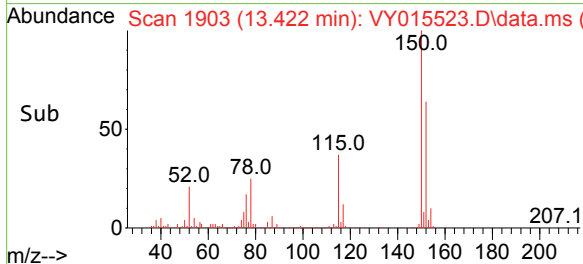
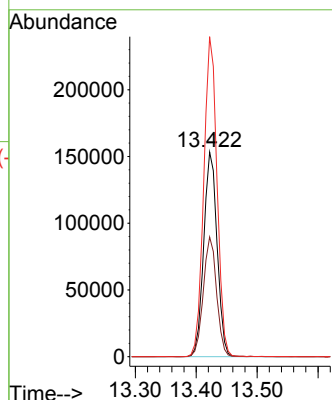
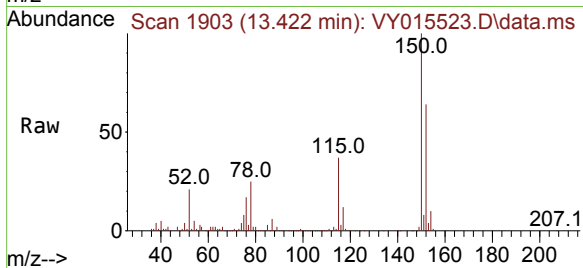




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015523.D
 Acq: 12 Sep 2023 21:21

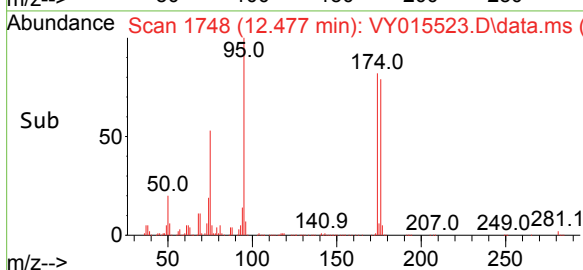
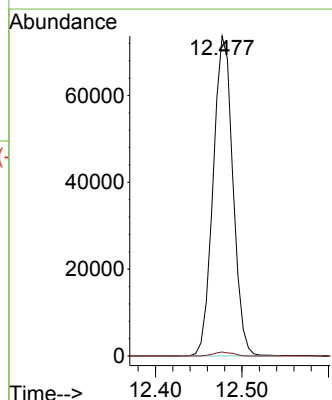
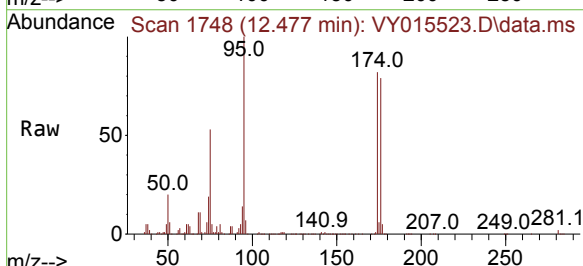
Instrument :
 MSVOA_Y
 ClientSampleId :

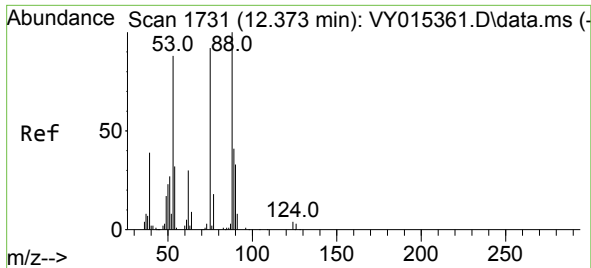
Tgt Ion:152 Resp: 234452
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 155.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.581 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015523.D
 Acq: 12 Sep 2023 21:21

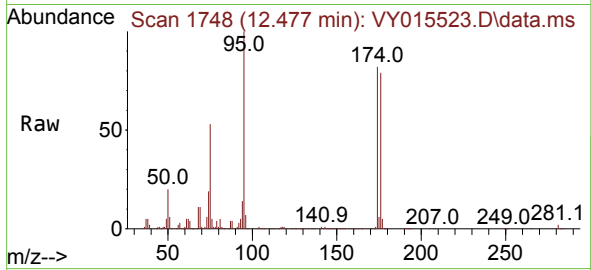
Tgt Ion: 75 Resp: 116842
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.899 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY015523.D
Acq: 12 Sep 2023 21:21

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	116842
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

