

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015524.D
 Acq On : 12 Sep 2023 21:45
 Operator : SY/MD
 Sample : 04397-05
 Misc : 4.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:58:31 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)

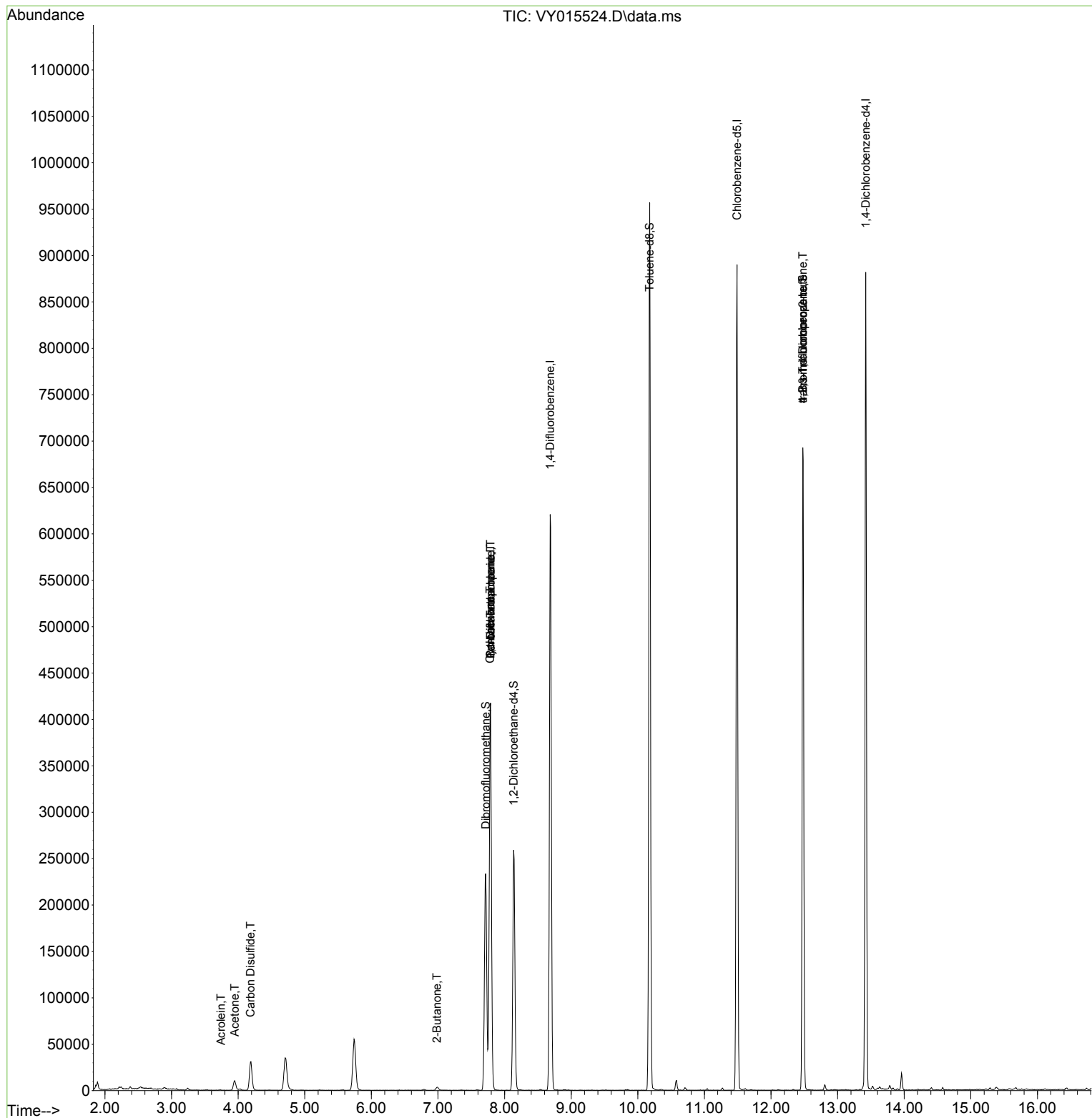
Internal Standards						
1) Pentafluorobenzene	7.789	168	324349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	536600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	478907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	216706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	200579	57.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.380%	
35) Dibromofluoromethane	7.716	113	165929	53.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.380%	
50) Toluene-d8	10.179	98	630487	56.331	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.660%	
62) 4-Bromofluorobenzene	12.477	95	205447	49.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	399	Below Cal	#	89
13) Acrolein	3.741	56	316	11.958	ug/l #	81
16) Acetone	3.948	43	18457	12.718	ug/l	95
17) Carbon Disulfide	4.186	76	63338	6.571	ug/l	100
20) Methylene Chloride	4.716	84	27444	Below Cal		86
25) 2-Butanone	6.984	43	5770	2.803	ug/l	93
31) Cyclohexane	7.783	56	6985	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	24666	4.545	ug/l #	50
38) Carbon Tetrachloride	7.789	117	32965	5.881	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	111464	38.787	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	111464	85.560	ug/l #	10

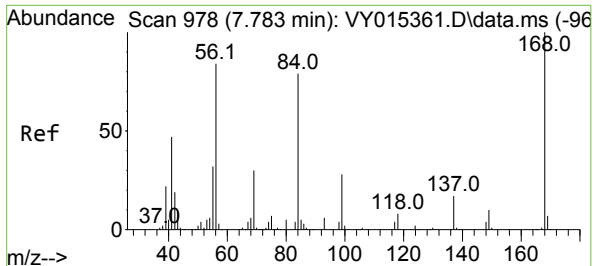
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
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Response via : Initial Calibration

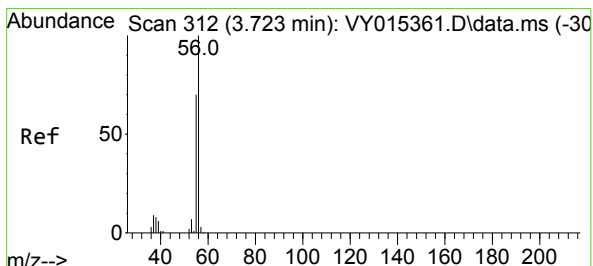
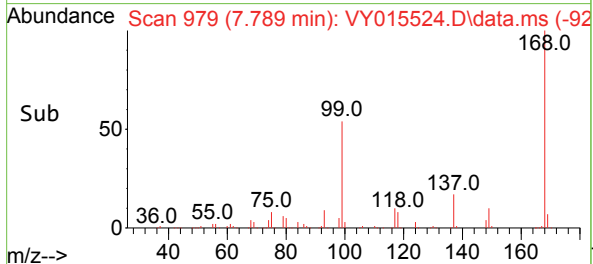
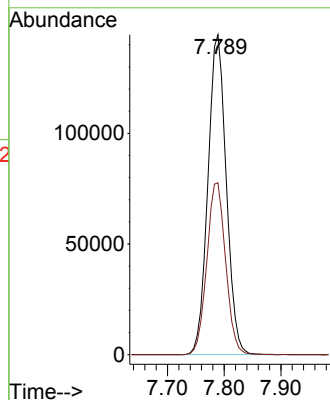
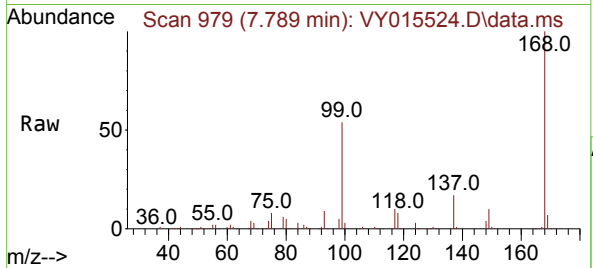




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015524.D
Acq: 12 Sep 2023 21:45

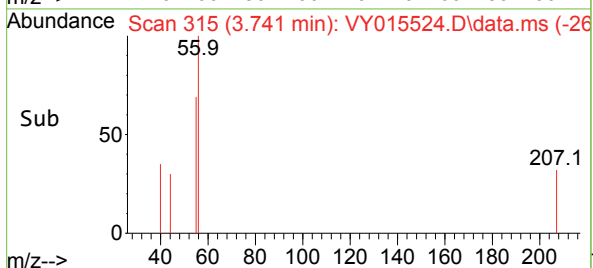
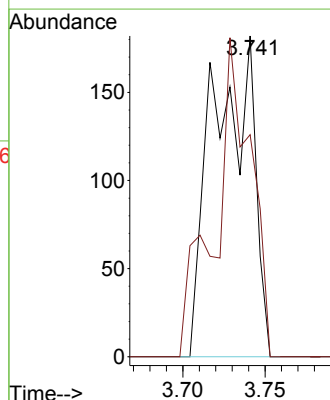
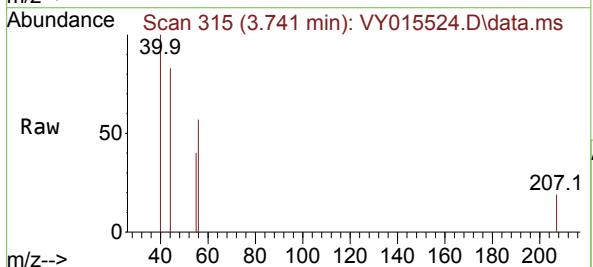
Instrument :
MSVOA_Y
ClientSampleId :

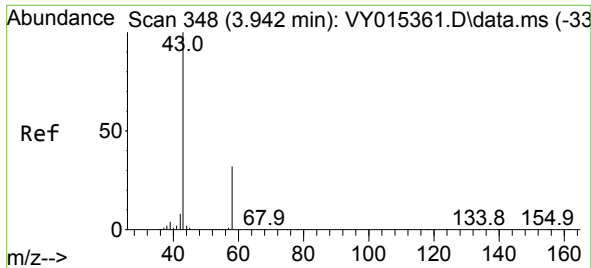
Tgt Ion:168 Resp: 324349
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#13
Acrolein
Concen: 11.958 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY015524.D
Acq: 12 Sep 2023 21:45

Tgt Ion: 56 Resp: 316
Ion Ratio Lower Upper
56 100
55 87.3 57.0 85.4#





#16

Acetone

Concen: 12.718 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY015524.D

Acq: 12 Sep 2023 21:45

Instrument :

MSVOA_Y

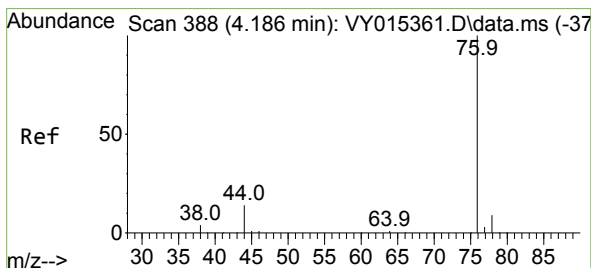
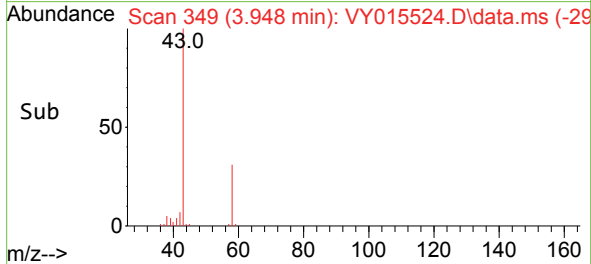
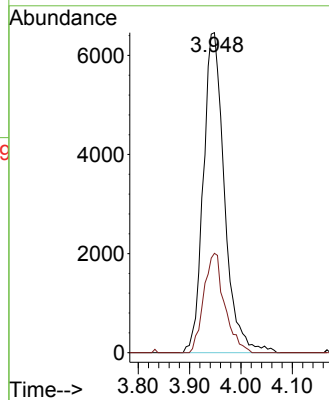
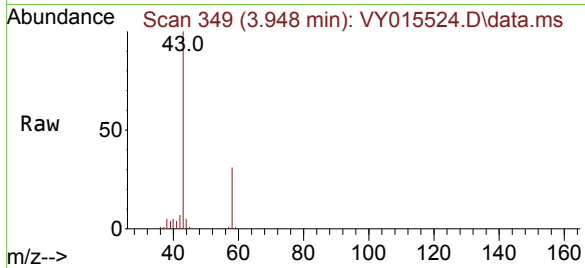
ClientSampleId :

Tgt Ion: 43 Resp: 18457

Ion Ratio Lower Upper

43 100

58 31.0 22.7 34.1



#17

Carbon Disulfide

Concen: 6.571 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015524.D

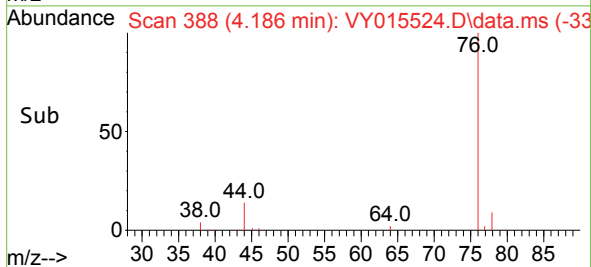
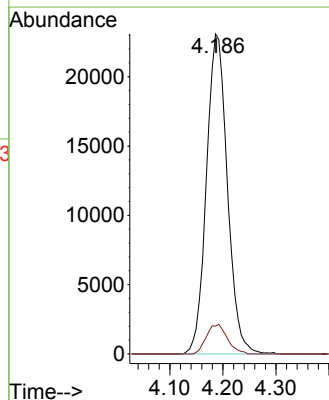
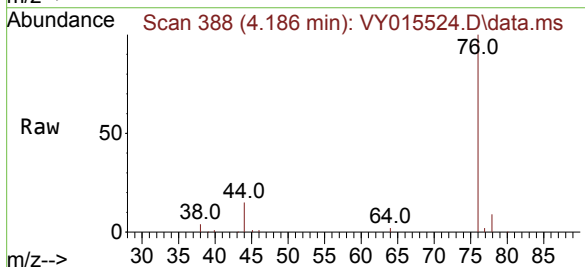
Acq: 12 Sep 2023 21:45

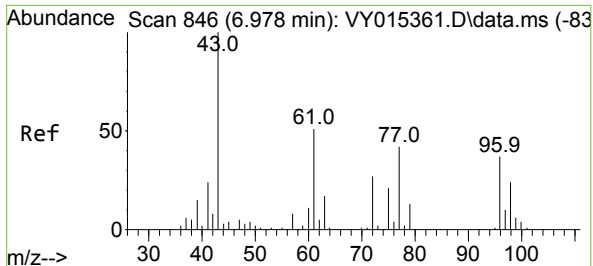
Tgt Ion: 76 Resp: 63338

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4





#25

2-Butanone

Concen: 2.803 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015524.D

Acq: 12 Sep 2023 21:45

Instrument :

MSVOA_Y

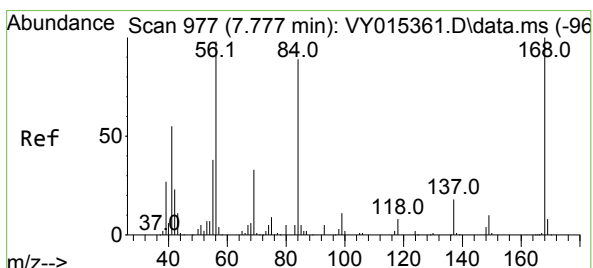
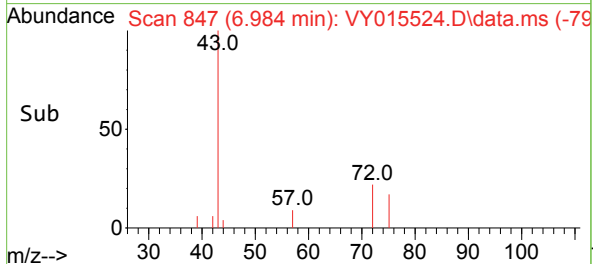
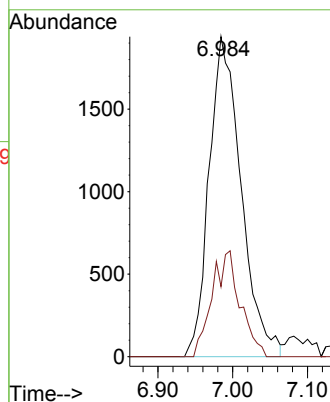
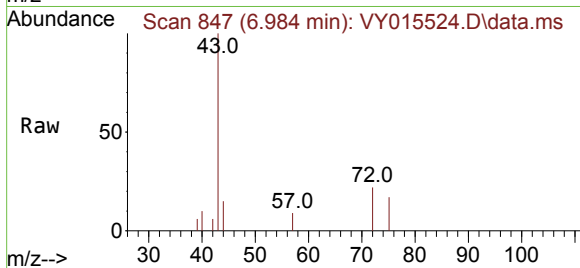
ClientSampleId :

Tgt Ion: 43 Resp: 5770

Ion Ratio Lower Upper

43 100

72 21.9 20.5 30.7



#31

Cyclohexane

Concen: 1.131 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY015524.D

Acq: 12 Sep 2023 21:45

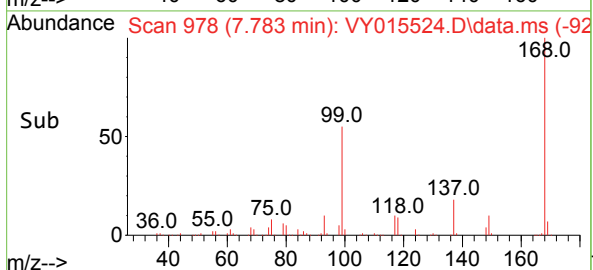
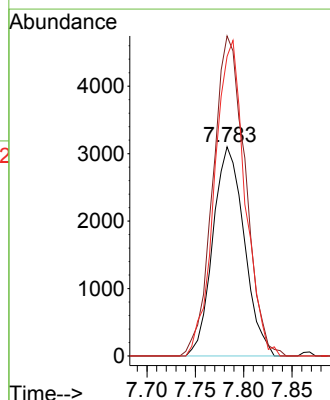
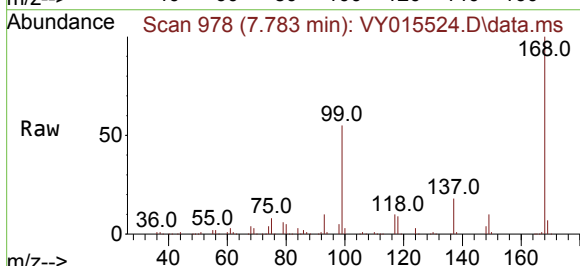
Tgt Ion: 56 Resp: 6985

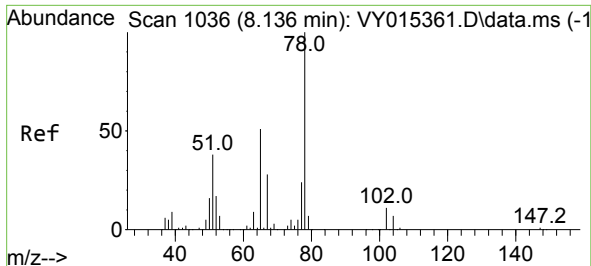
Ion Ratio Lower Upper

56 100

69 153.0 27.8 41.6#

84 143.2 66.4 99.6#

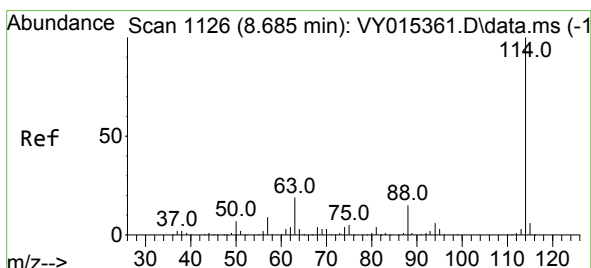
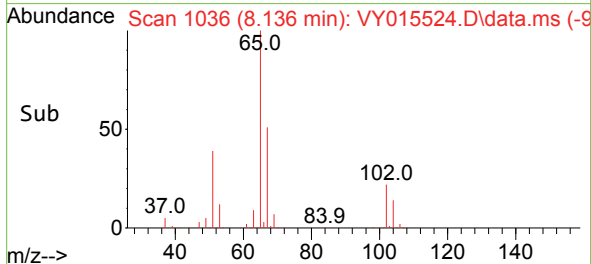
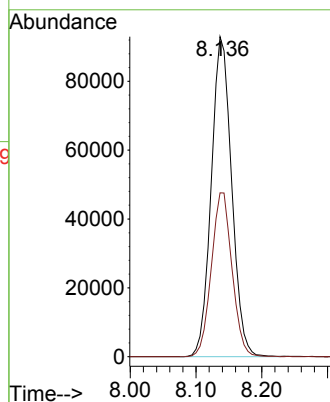
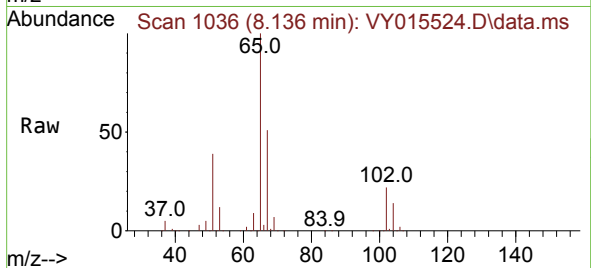




#33
 1,2-Dichloroethane-d4
 Concen: 57.688 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015524.D
 Acq: 12 Sep 2023 21:45

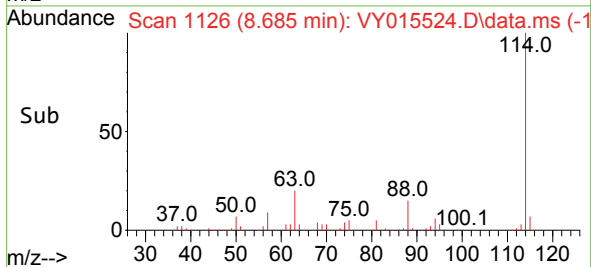
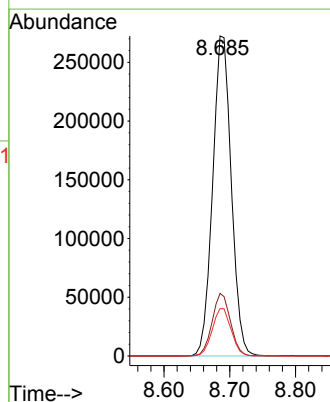
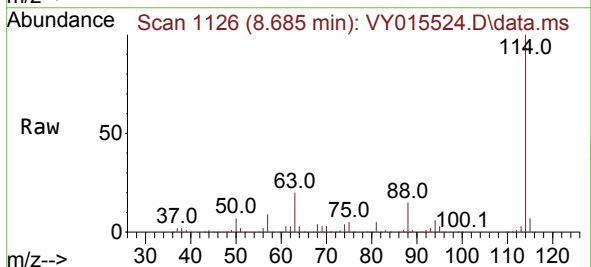
Instrument :
 MSVOA_Y
 ClientSampleId :

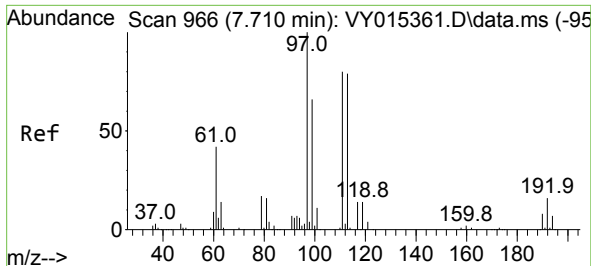
Tgt Ion: 65 Resp: 200579
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015524.D
 Acq: 12 Sep 2023 21:45

Tgt Ion: 114 Resp: 536600
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 14.8 0.0 30.6

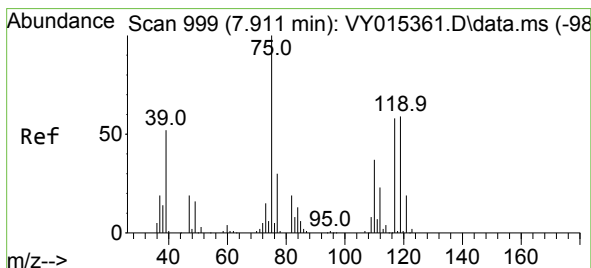
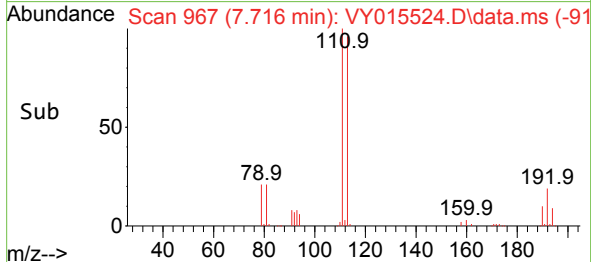
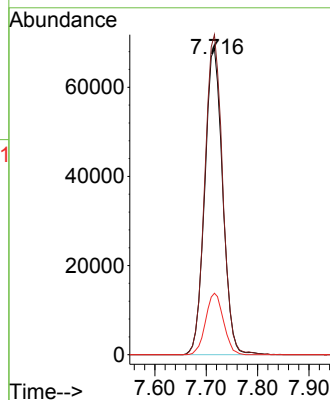
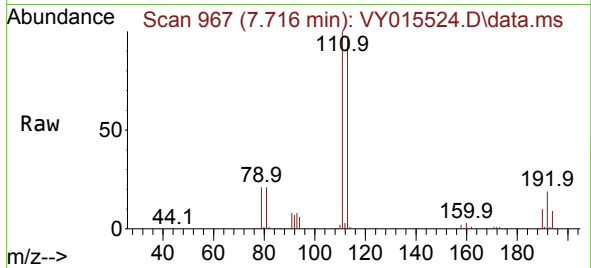




#35
Dibromofluoromethane
Concen: 53.686 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY015524.D
Acq: 12 Sep 2023 21:45

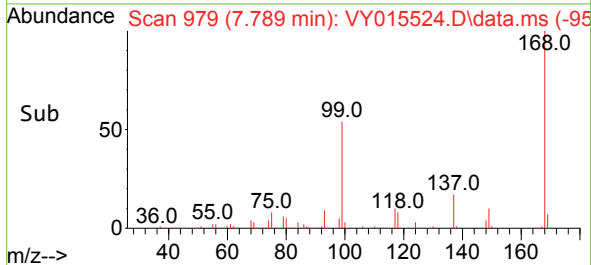
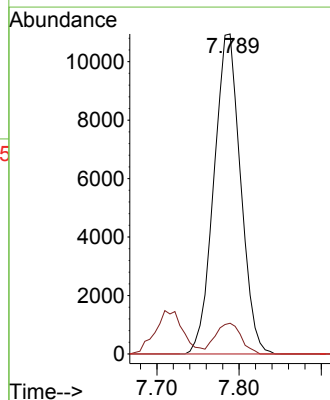
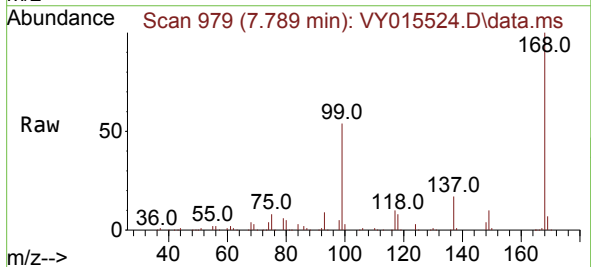
Instrument :
MSVOA_Y
ClientSampleId :

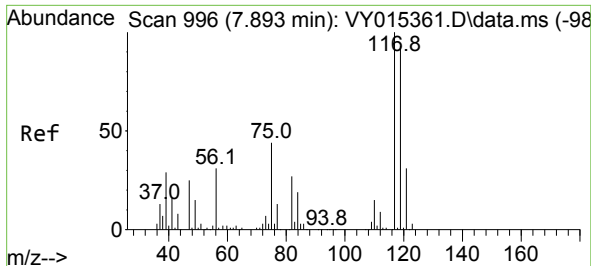
Tgt Ion:113 Resp: 165929
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.545 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015524.D
Acq: 12 Sep 2023 21:45

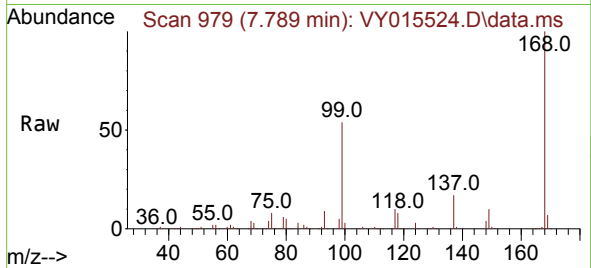
Tgt Ion: 75 Resp: 24666
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#



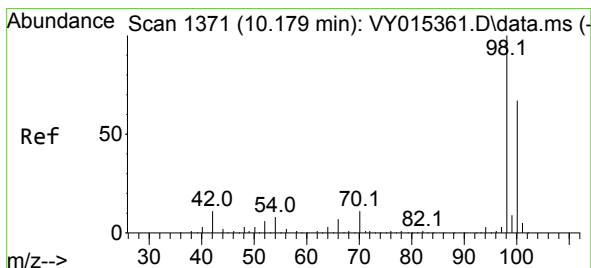
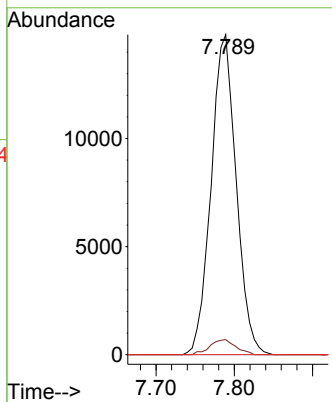
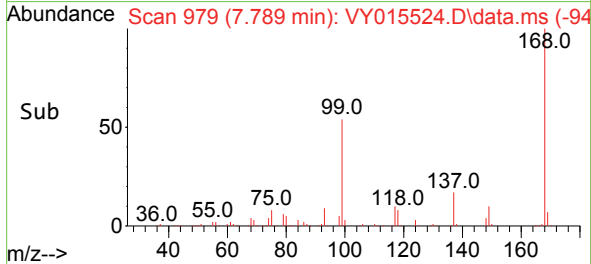


#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015524.D
Acq: 12 Sep 2023 21:45

Instrument :
MSVOA_Y
ClientSampleId :

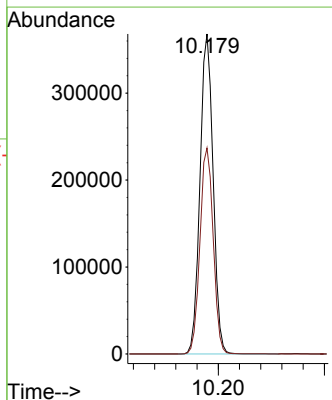
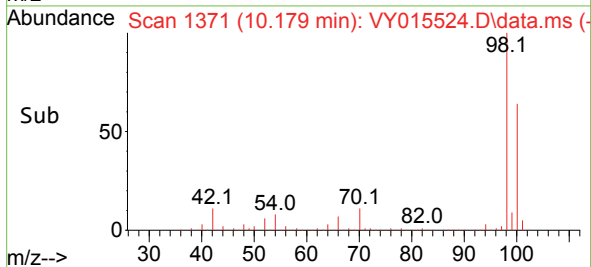
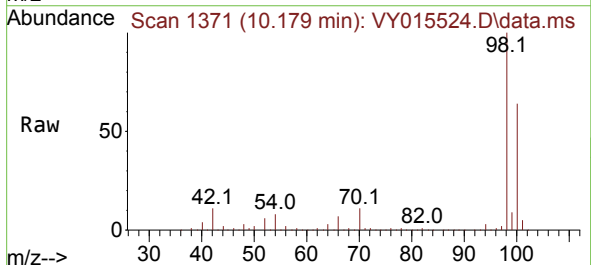


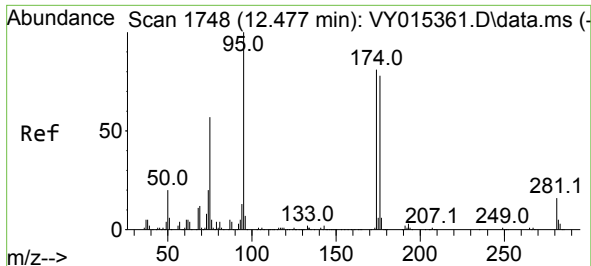
Tgt Ion:117 Resp: 32965
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.331 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015524.D
Acq: 12 Sep 2023 21:45

Tgt Ion: 98 Resp: 630487
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

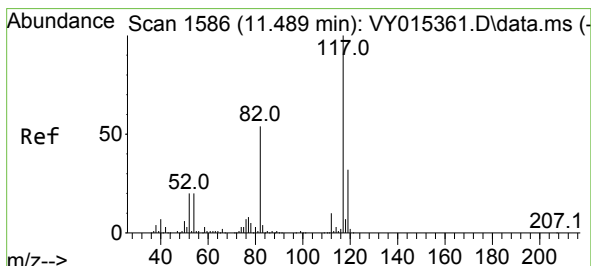
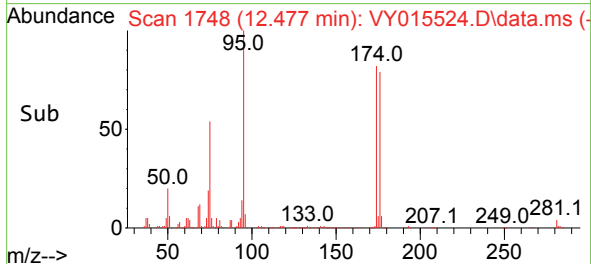
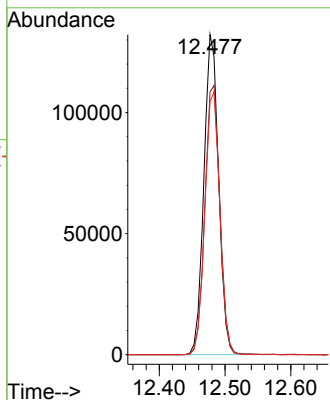
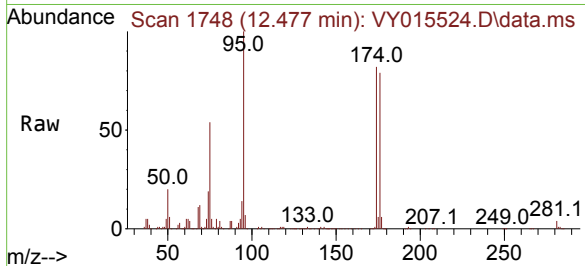




#62
4-Bromofluorobenzene
Concen: 49.445 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015524.D
Acq: 12 Sep 2023 21:45

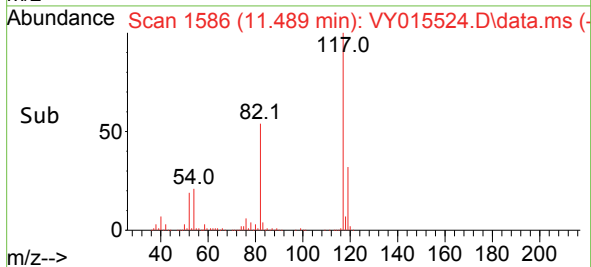
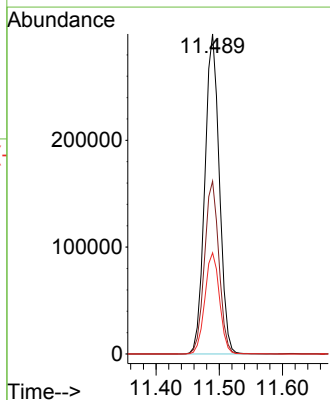
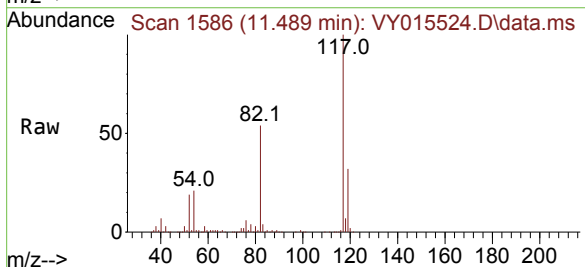
Instrument :
MSVOA_Y
ClientSampleId :

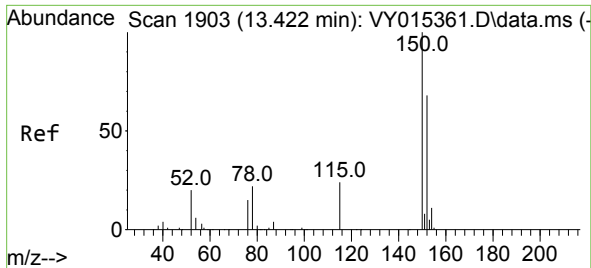
Tgt Ion: 95 Resp: 205447
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015524.D
Acq: 12 Sep 2023 21:45

Tgt Ion: 117 Resp: 478907
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.6 26.3 39.5

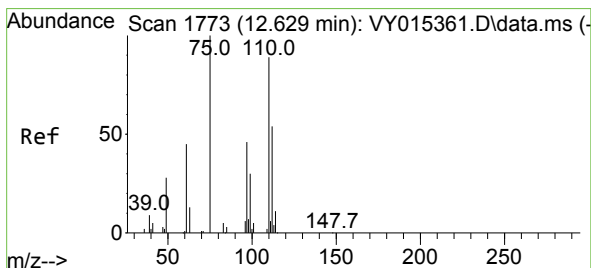
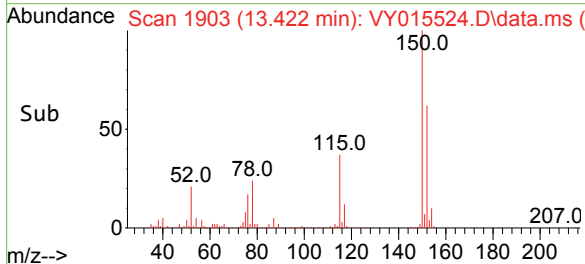
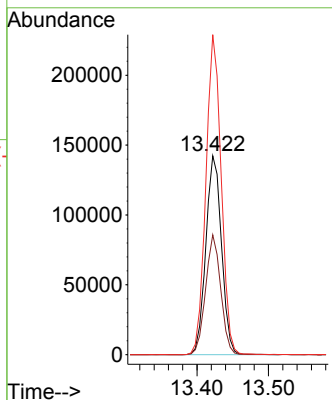
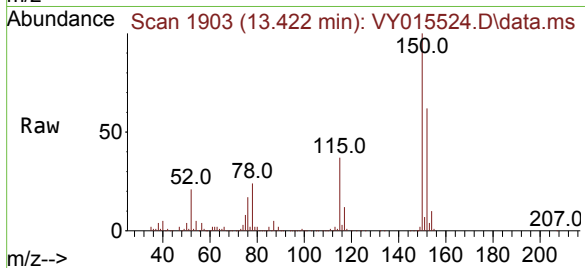




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015524.D
 Acq: 12 Sep 2023 21:45

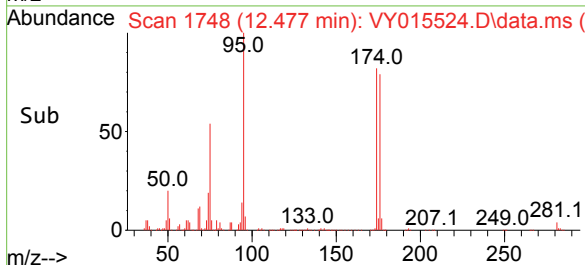
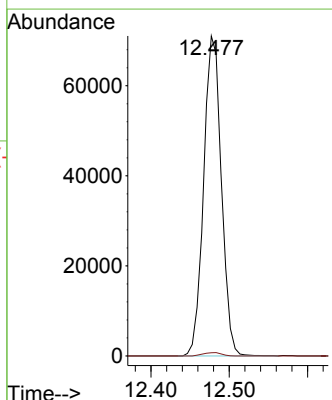
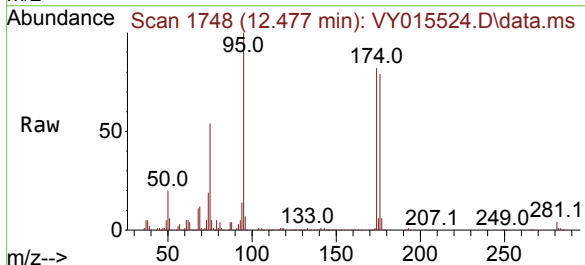
Instrument :
 MSVOA_Y
 ClientSampleId :

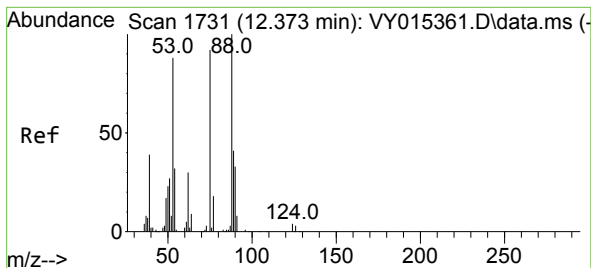
Tgt Ion:152 Resp: 216706
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.5
 150 157.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 38.787 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015524.D
 Acq: 12 Sep 2023 21:45

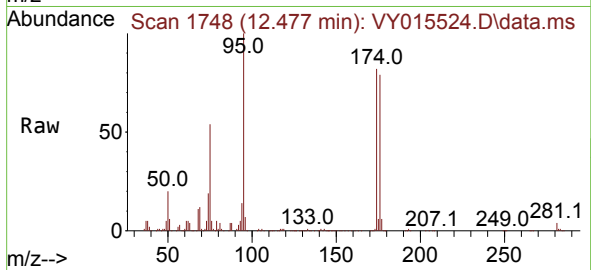
Tgt Ion: 75 Resp: 111464
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.560 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015524.D
 Acq: 12 Sep 2023 21:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 111464
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

