

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015422.D
 Acq On : 01 Sep 2023 17:52
 Operator : SY/MD
 Sample : 04265-01
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-083123

Quant Time: Sep 01 23:44:41 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)

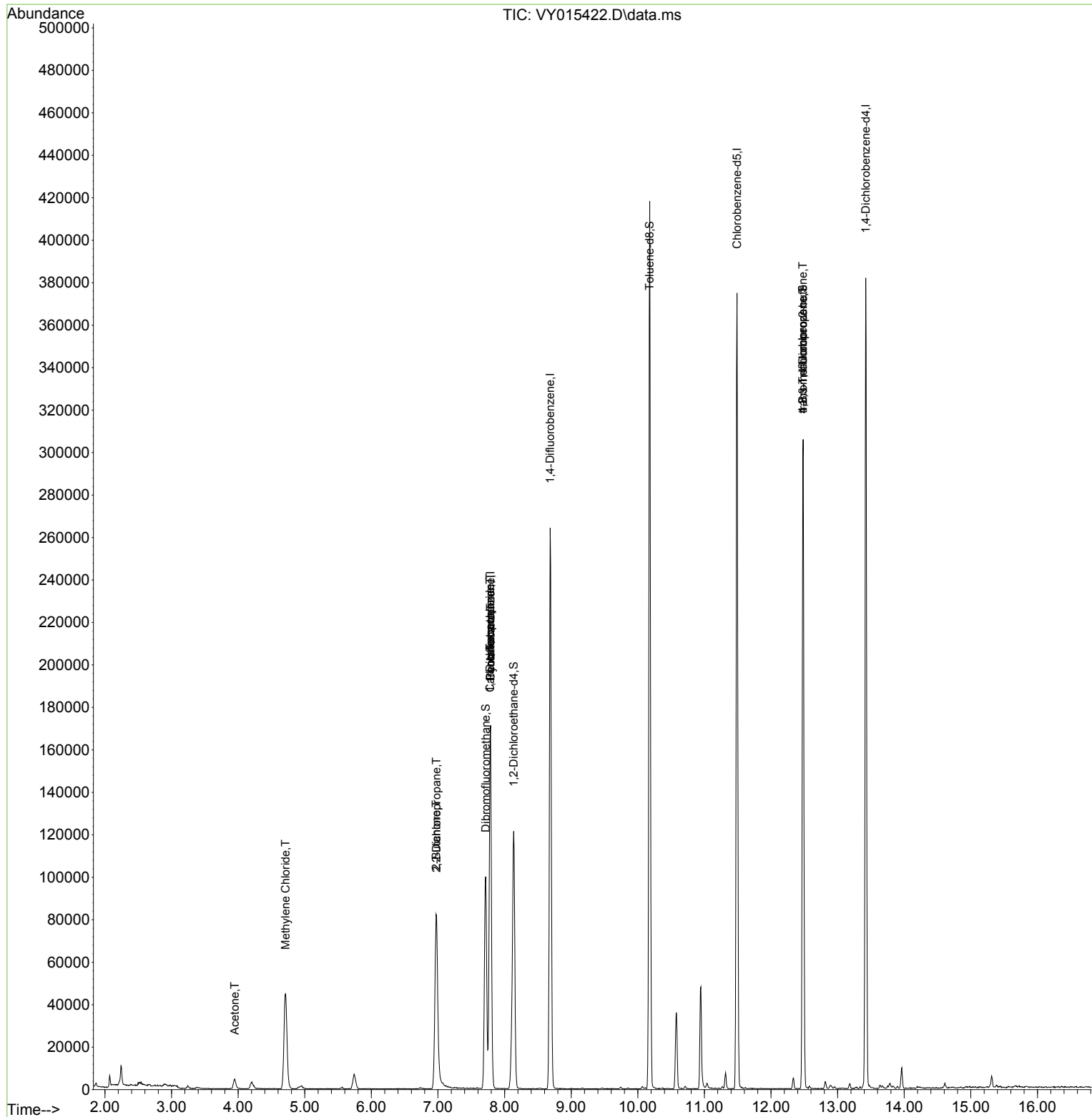
Internal Standards						
1) Pentafluorobenzene	7.789	168	132446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87552	61.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.320%	
35) Dibromofluoromethane	7.716	113	70989	55.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.640%	
50) Toluene-d8	10.179	98	257901	55.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.980%	
62) 4-Bromofluorobenzene	12.477	95	85987	49.840	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	2633	Below Cal	#	96
16) Acetone	3.948	43	7975	13.457	ug/l #	89
20) Methylene Chloride	4.710	84	34844	13.472	ug/l	86
25) 2-Butanone	6.972	43	4519	5.376	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	6306	2.801	ug/l #	54
31) Cyclohexane	7.789	56	2805	1.112	ug/l #	15
36) 1,1-Dichloropropene	7.783	75	10558	4.685	ug/l #	49
38) Carbon Tetrachloride	7.783	117	13282	5.707	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	47271	36.711	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47271	80.981	ug/l #	11

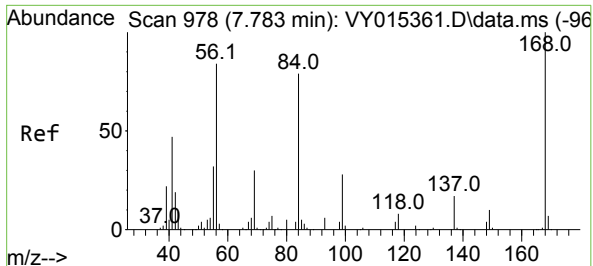
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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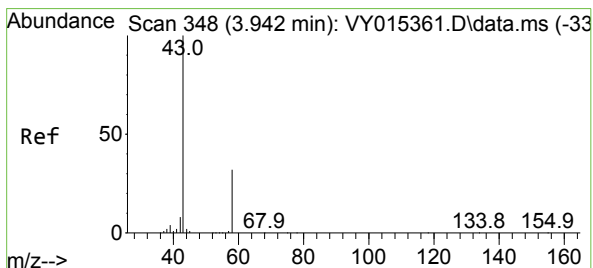
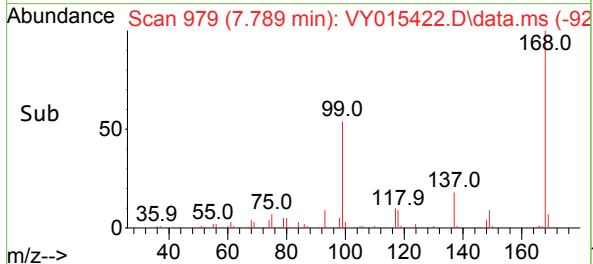
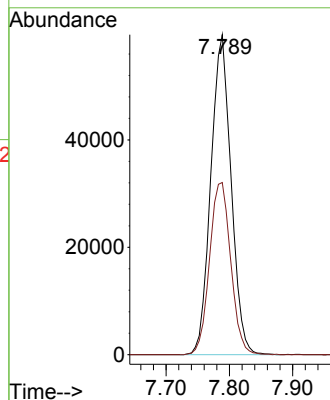
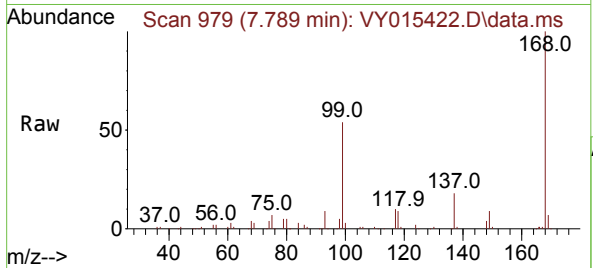




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

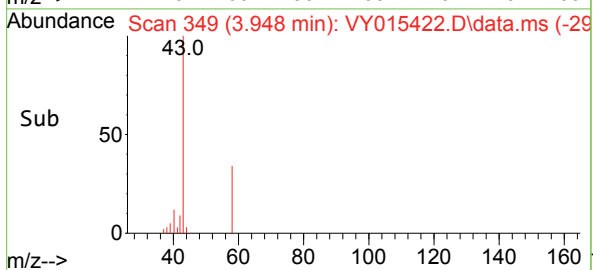
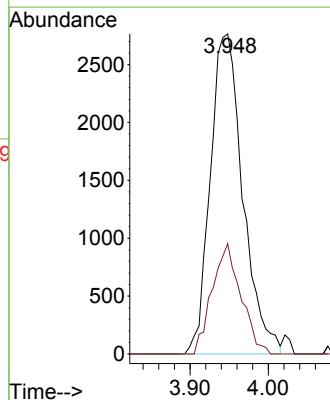
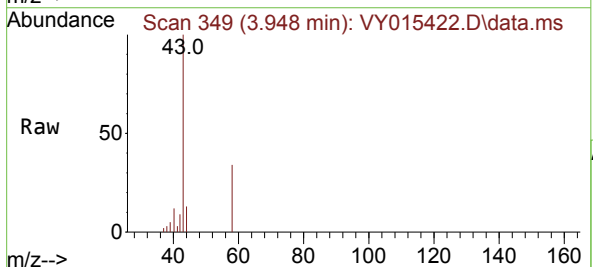
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-083123

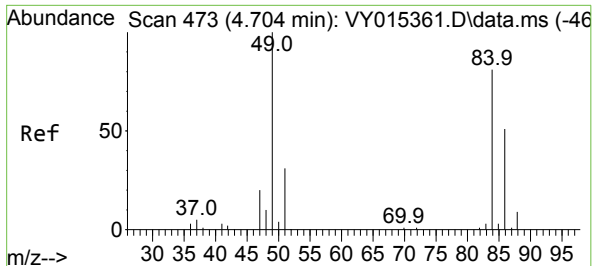
Tgt Ion:168 Resp: 132446
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 13.457 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

Tgt Ion: 43 Resp: 7975
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#



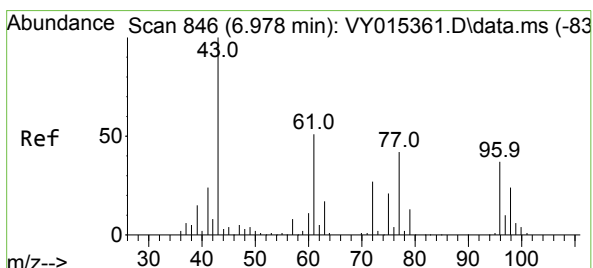
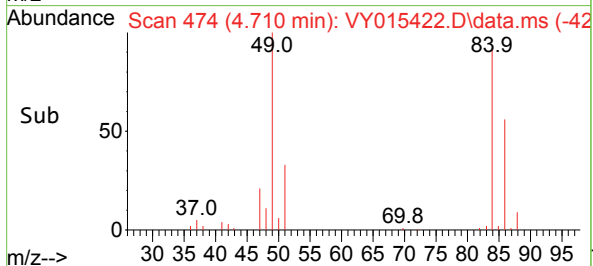
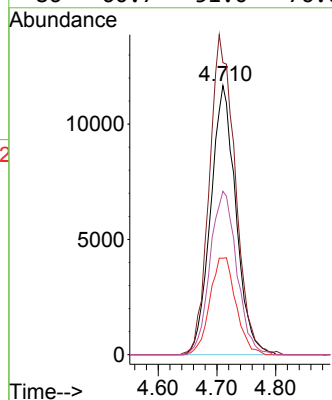
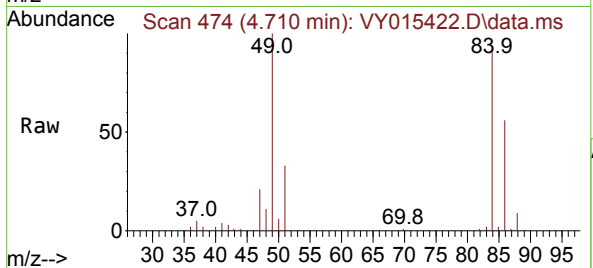


#20
Methylene Chloride
Concen: 13.472 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-083123

Tgt Ion: 84 Resp: 34844

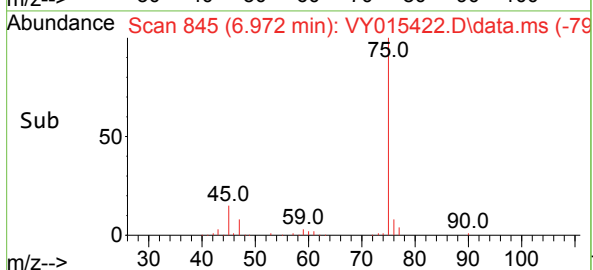
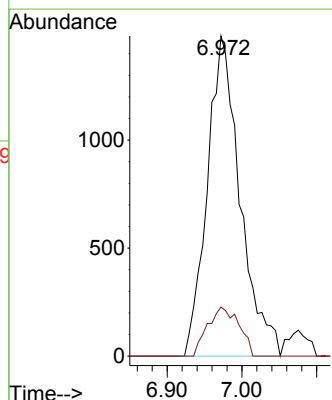
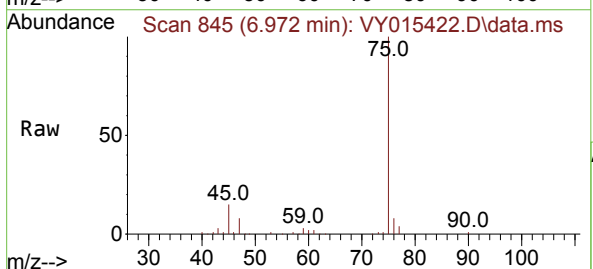
Ion	Ratio	Lower	Upper
84	100		
49	108.5	106.9	160.3
51	35.8	33.2	49.8
86	60.7	51.0	76.6

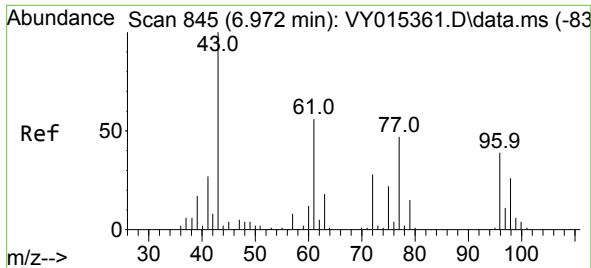


#25
2-Butanone
Concen: 5.376 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

Tgt Ion: 43 Resp: 4519

Ion	Ratio	Lower	Upper
43	100		
72	15.3	20.5	30.7#

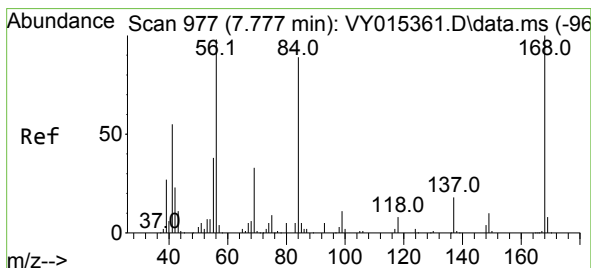
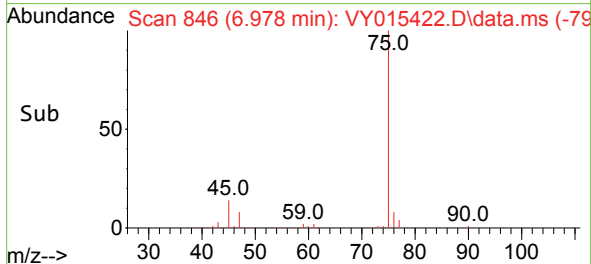
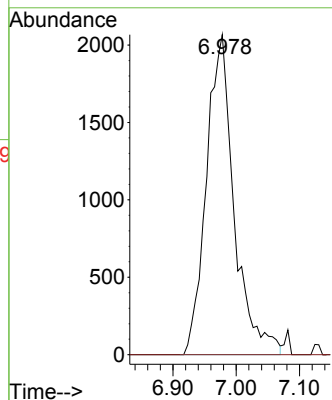
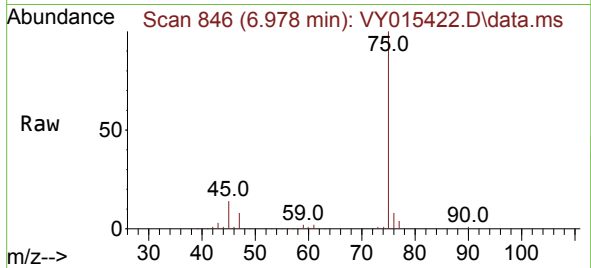




#26
2,2-Dichloropropane
Concen: 2.801 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

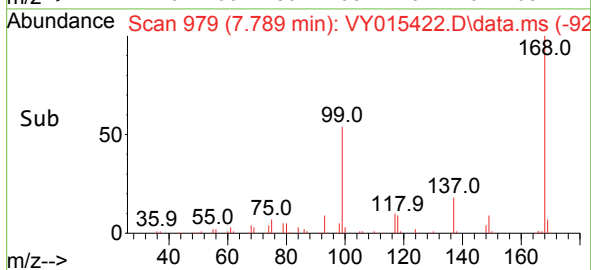
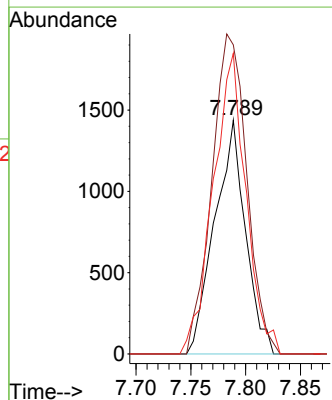
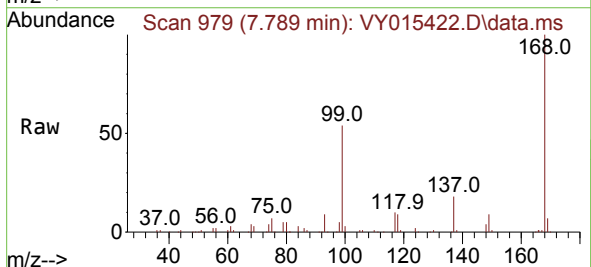
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-083123

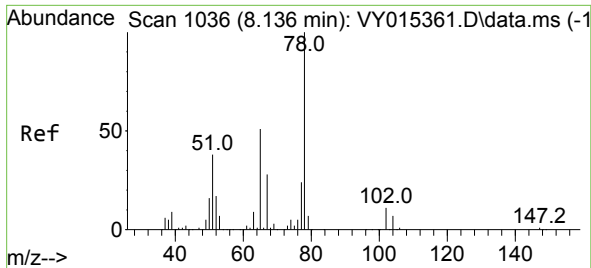
Tgt Ion: 77 Resp: 6306
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

Tgt Ion: 56 Resp: 2805
Ion Ratio Lower Upper
56 100
69 132.2 27.8 41.6#
84 128.6 66.4 99.6#

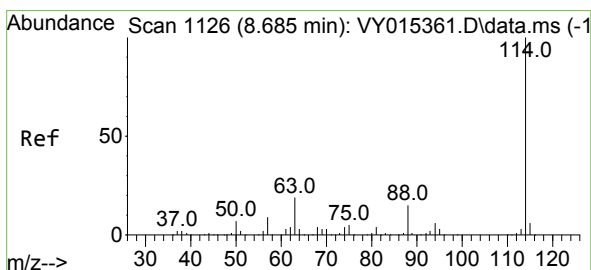
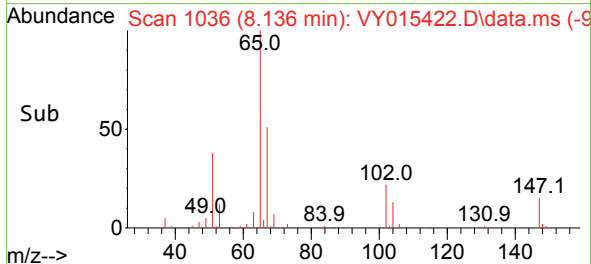
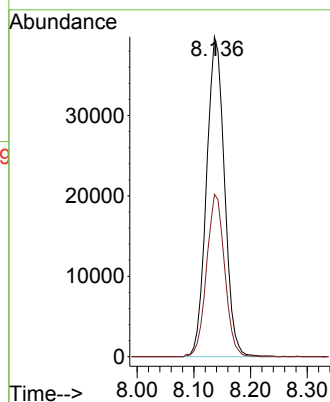
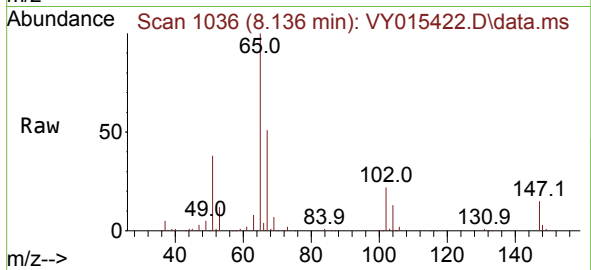




#33
 1,2-Dichloroethane-d4
 Concen: 61.665 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY015422.D
 Acq: 01 Sep 2023 17:52

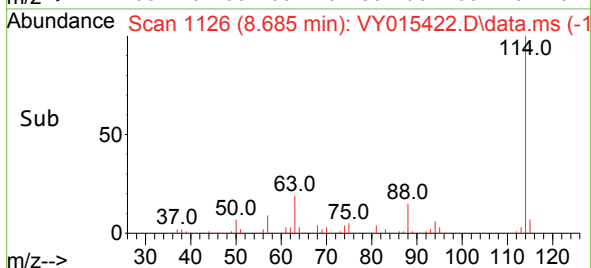
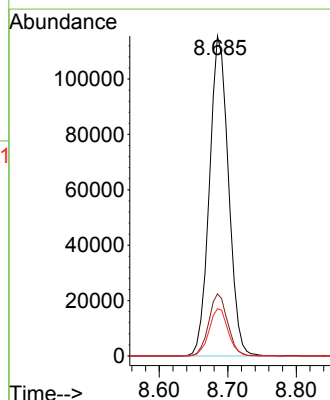
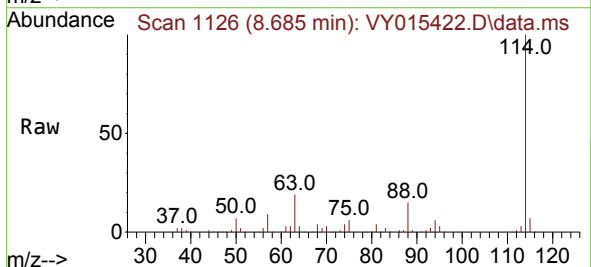
Instrument :
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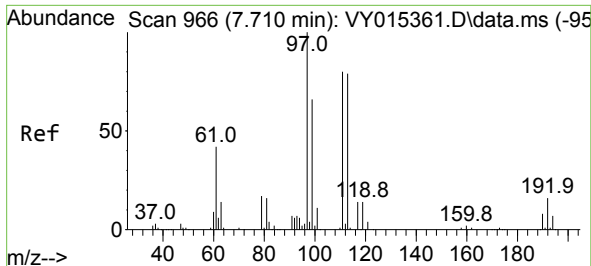
Tgt Ion: 65 Resp: 87552
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY015422.D
 Acq: 01 Sep 2023 17:52

Tgt Ion: 114 Resp: 222807
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 14.7 0.0 30.6

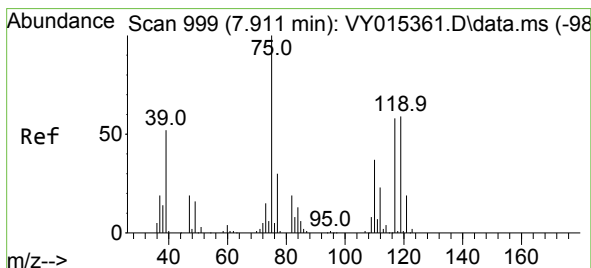
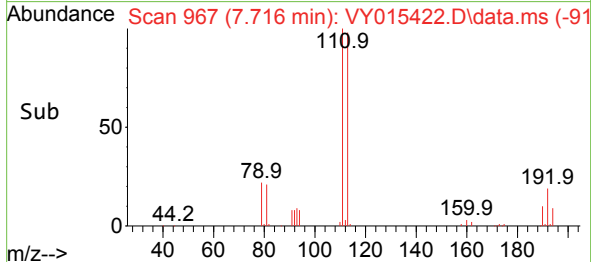
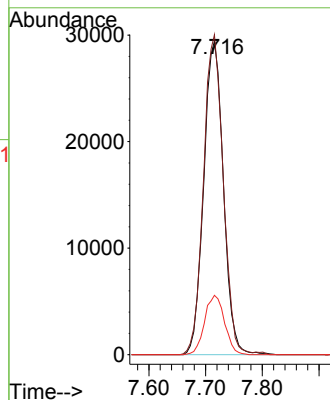
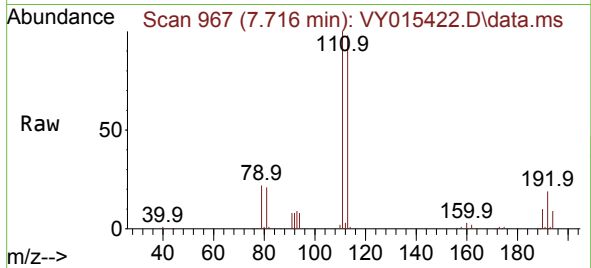




#35
Dibromofluoromethane
Concen: 55.317 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

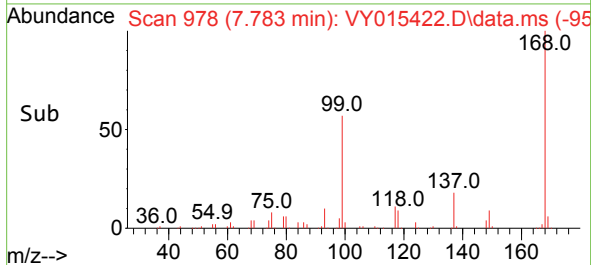
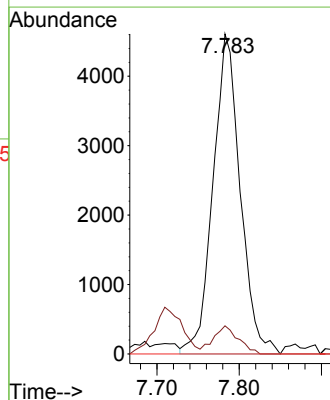
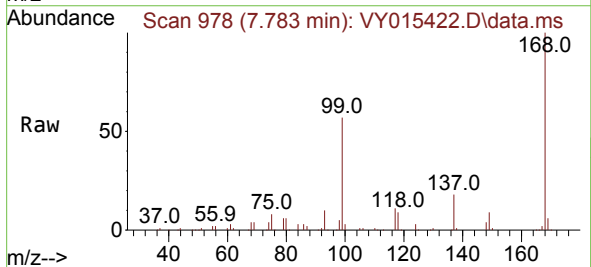
Instrument :
MSVOA_Y
ClientSampleId :
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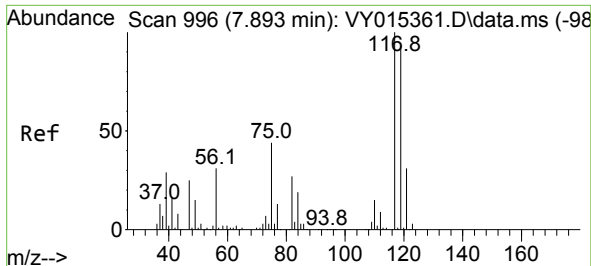
Tgt Ion:113 Resp: 70989
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.685 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

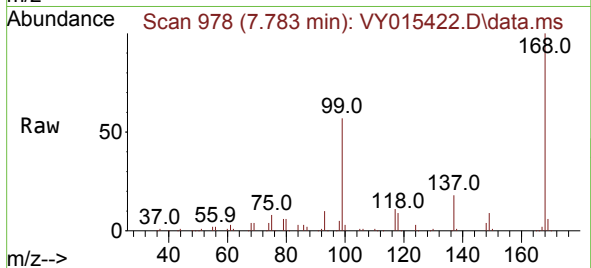
Tgt Ion: 75 Resp: 10558
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.5#
77 0.0 24.4 36.6#



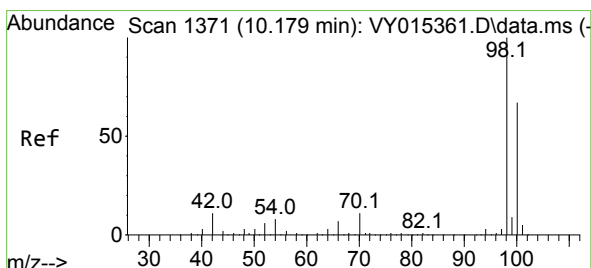
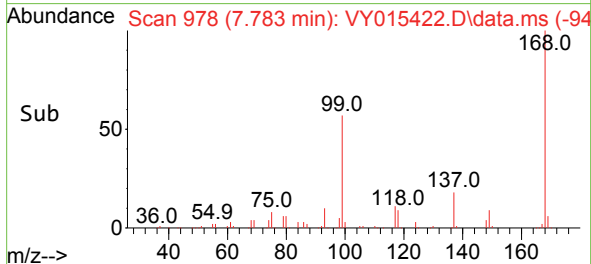
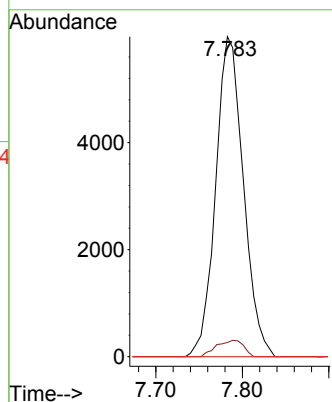


#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-083123

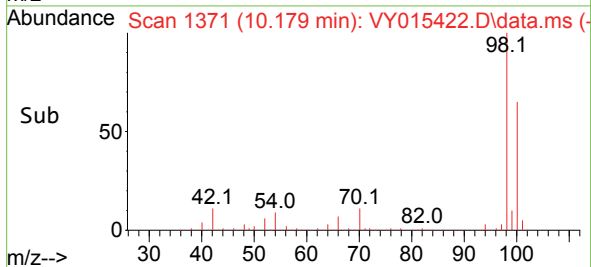
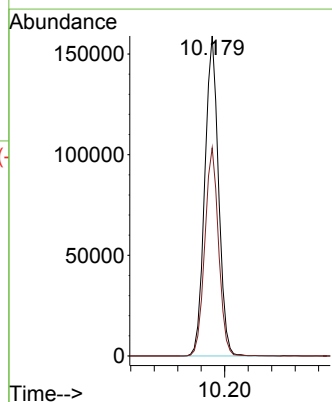
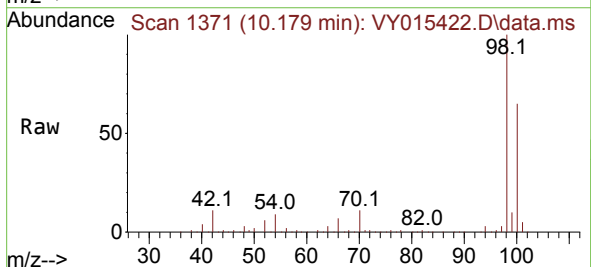


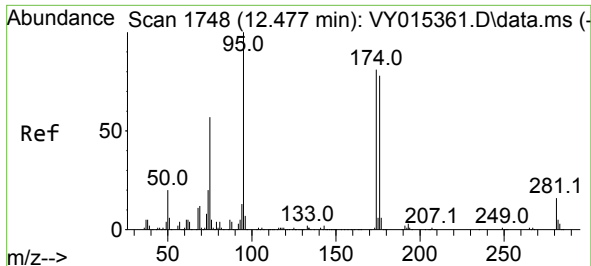
Tgt Ion:117 Resp: 13282
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.494 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

Tgt Ion: 98 Resp: 257901
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

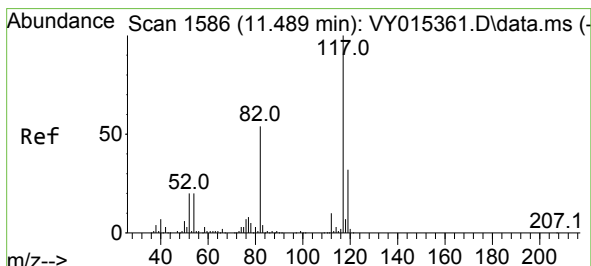
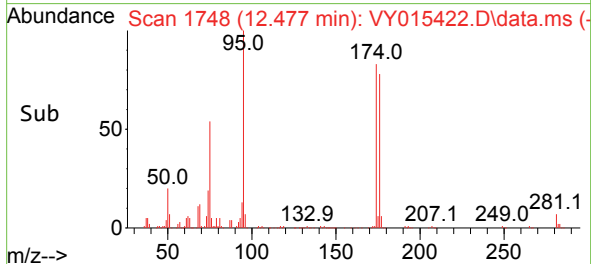
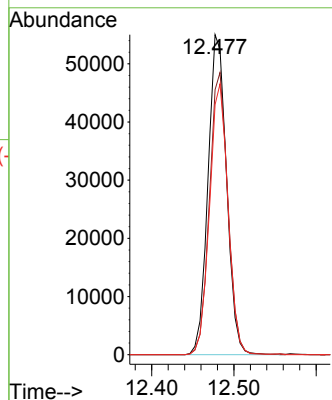
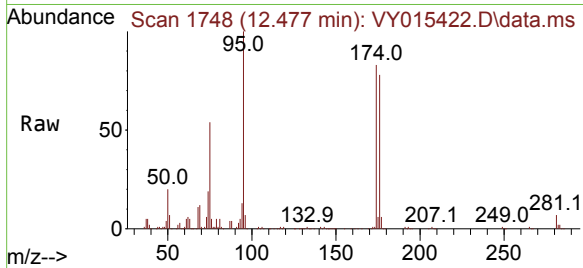




#62
4-Bromofluorobenzene
Concen: 49.840 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

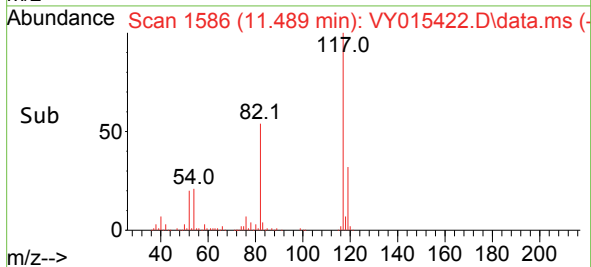
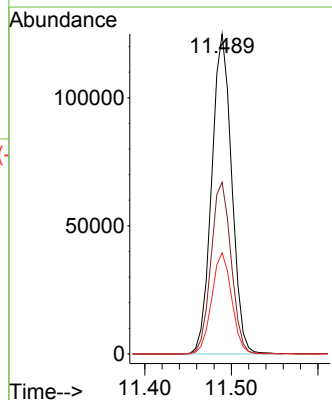
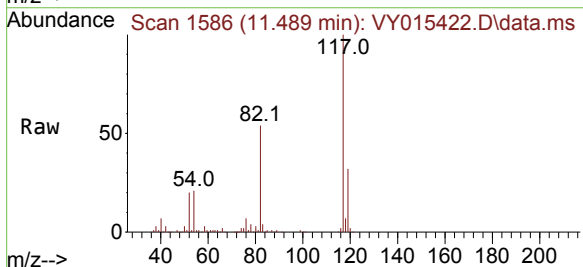
Instrument :
MSVOA_Y
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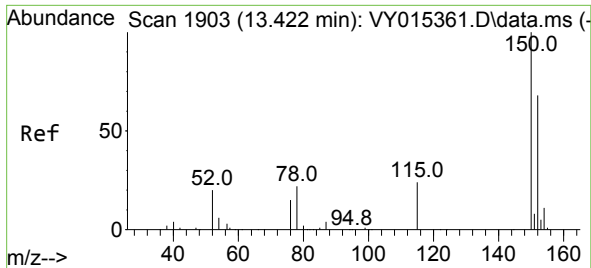
Tgt Ion: 95 Resp: 85987
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.2
176 84.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

Tgt Ion: 117 Resp: 200221
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.6 26.3 39.5

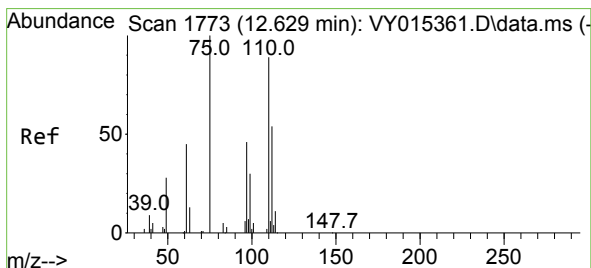
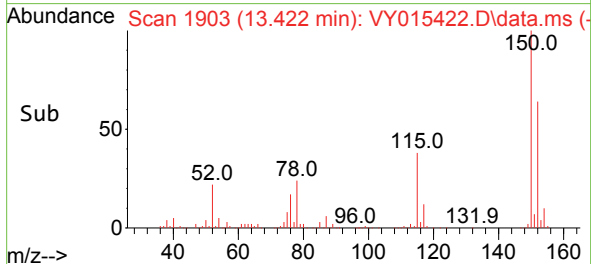
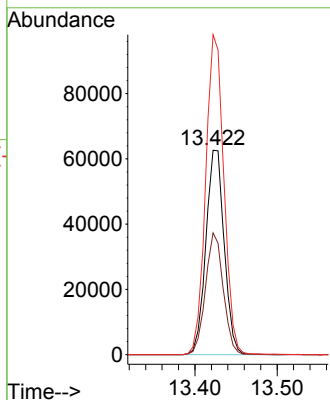
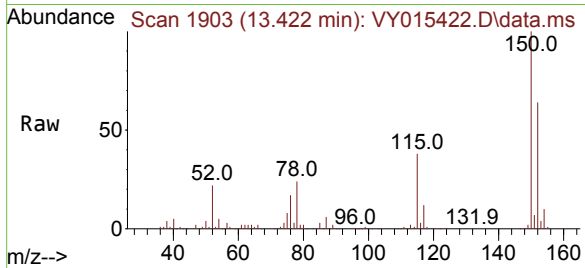




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

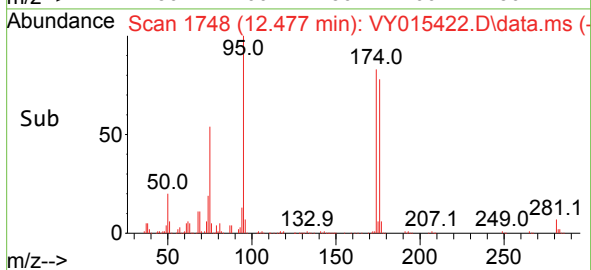
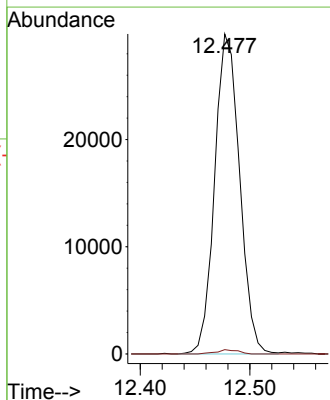
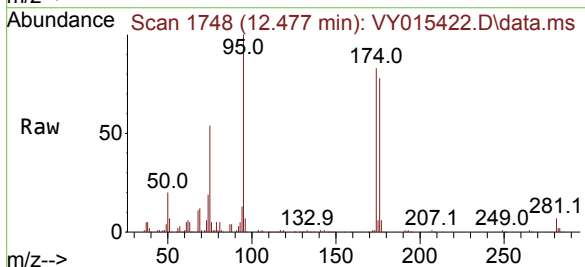
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-083123

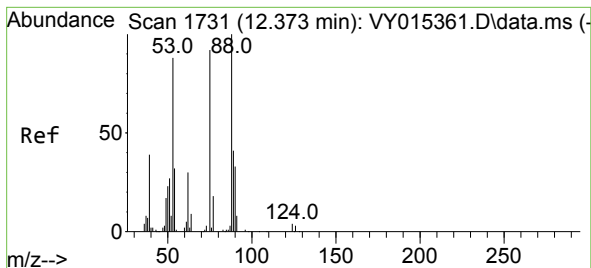
Tgt Ion:152 Resp: 97100
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 154.9 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 36.711 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY015422.D
Acq: 01 Sep 2023 17:52

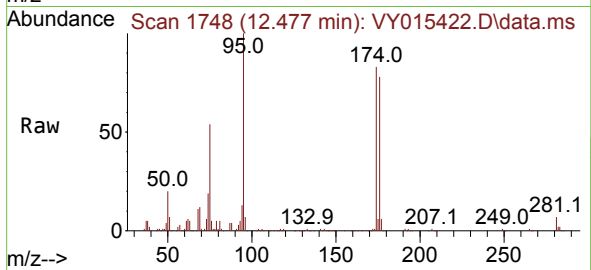
Tgt Ion: 75 Resp: 47271
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.981 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY015422.D
 Acq: 01 Sep 2023 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-083123



Tgt Ion: 75 Resp: 47271
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

