

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015427.D
 Acq On : 01 Sep 2023 19:49
 Operator : SY/MD
 Sample : 04283-08
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-3

Quant Time: Sep 01 23:46:32 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)

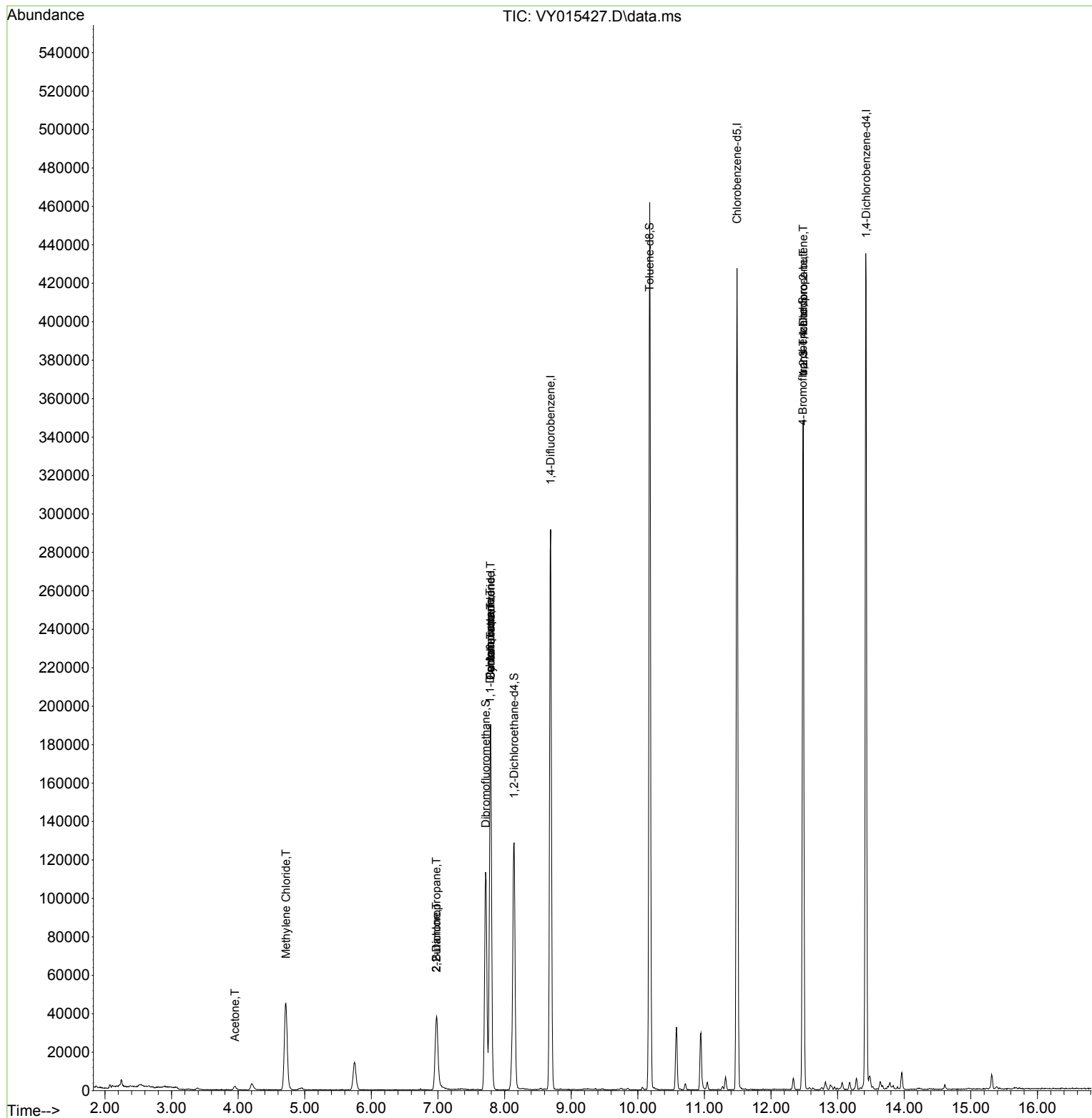
Internal Standards						
1) Pentafluorobenzene	7.789	168	147867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	228679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	97317	61.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.780%	
35) Dibromofluoromethane	7.715	113	79329	55.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.140%	
50) Toluene-d8	10.178	98	291426	55.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.740%	
62) 4-Bromofluorobenzene	12.477	95	98856	51.050	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.100%	
Target Compounds						
11) Tert butyl alcohol	4.954	59	2044	Below Cal	#	89
16) Acetone	3.954	43	3478	5.257	ug/l	95
20) Methylene Chloride	4.716	84	34122	10.981	ug/l	91
25) 2-Butanone	6.978	43	2276	2.425	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	3202	1.274	ug/l #	54
31) Cyclohexane	7.789	56	2999	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11972	4.734	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14695	5.626	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	55239	38.161	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55239	84.179	ug/l #	10

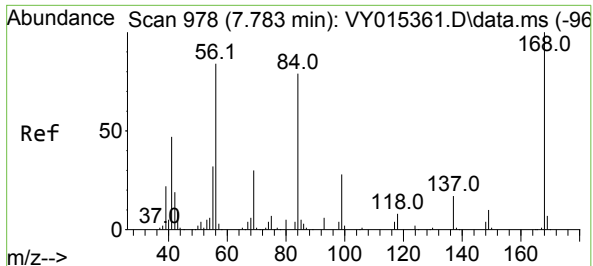
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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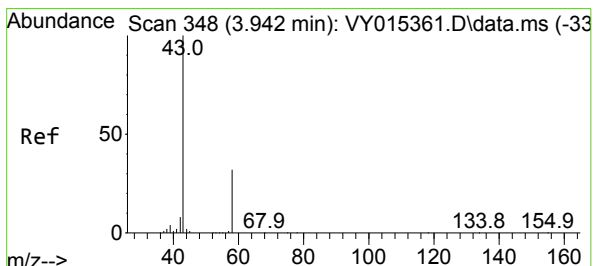
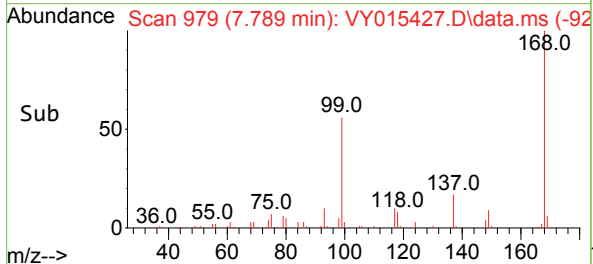
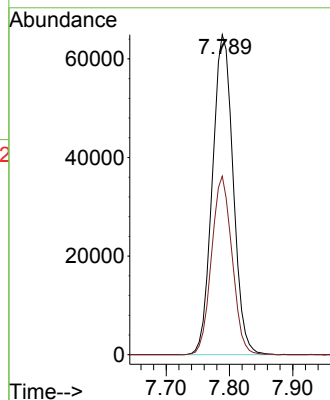
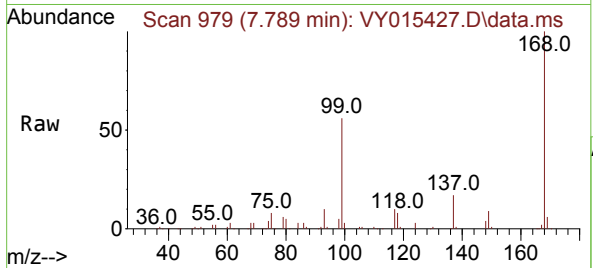




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

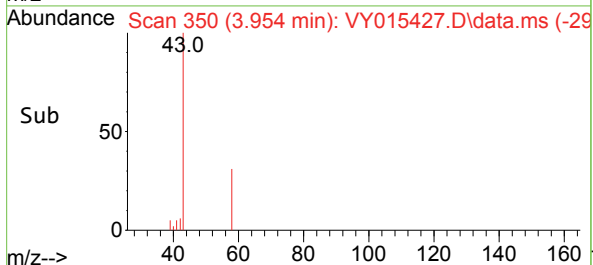
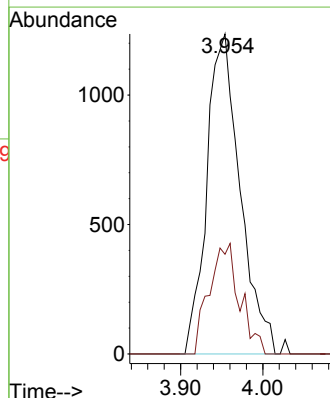
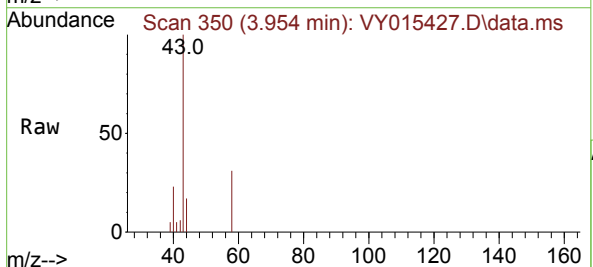
Instrument :
MSVOA_Y
ClientSampleId :
C-3

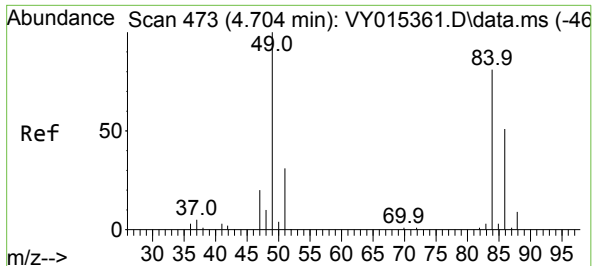
Tgt Ion:168 Resp: 147867
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#16
Acetone
Concen: 5.257 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

Tgt Ion: 43 Resp: 3478
Ion Ratio Lower Upper
43 100
58 31.1 22.7 34.1

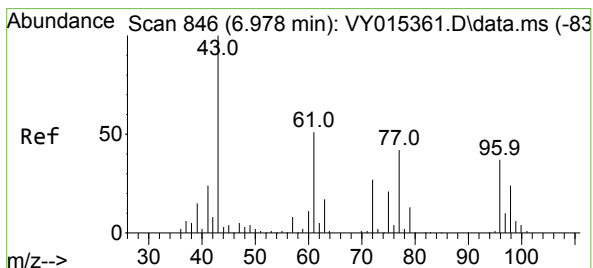
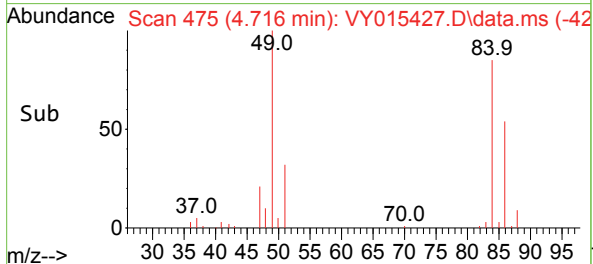
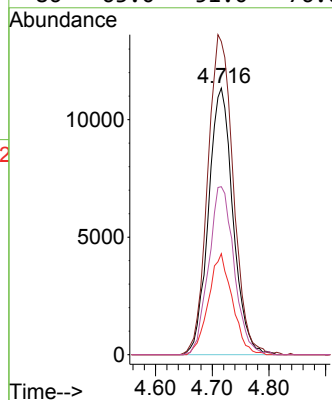
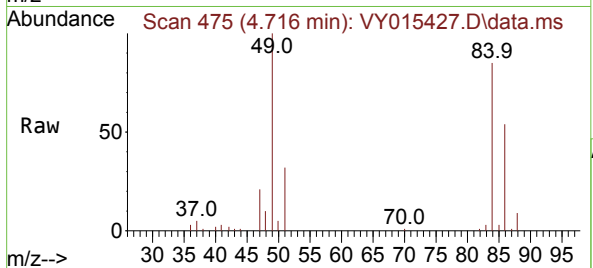




#20
Methylene Chloride
Concen: 10.981 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

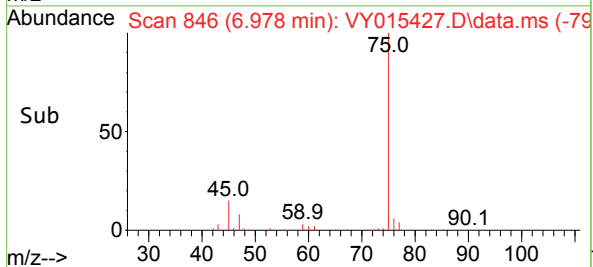
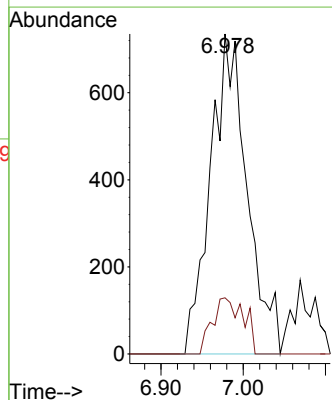
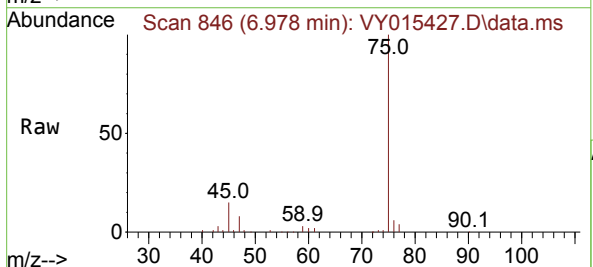
Instrument :
MSVOA_Y
ClientSampleId :
C-3

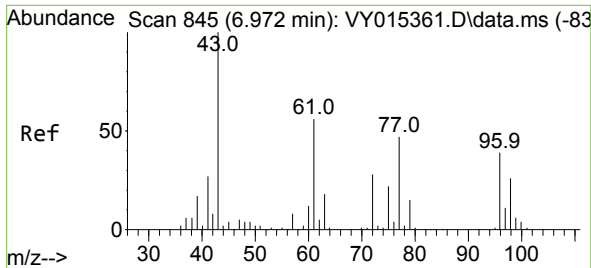
Tgt Ion:	84	Resp:	34122
Ion	Ratio	Lower	Upper
84	100		
49	117.5	106.9	160.3
51	37.9	33.2	49.8
86	63.0	51.0	76.6



#25
2-Butanone
Concen: 2.425 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

Tgt Ion:	43	Resp:	2276
Ion	Ratio	Lower	Upper
43	100		
72	17.6	20.5	30.7#

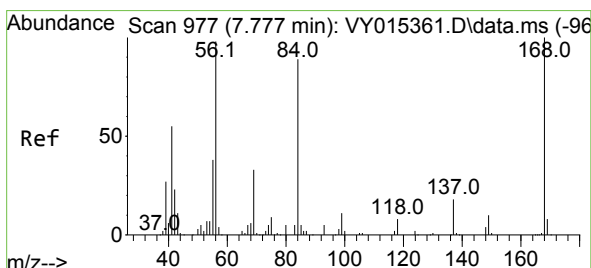
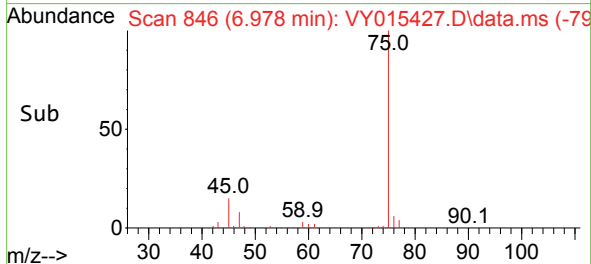
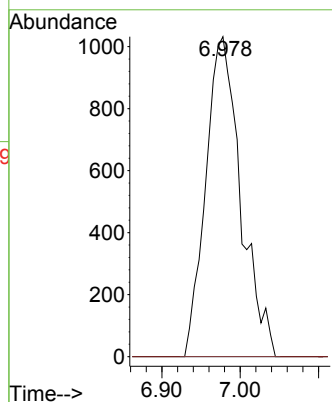
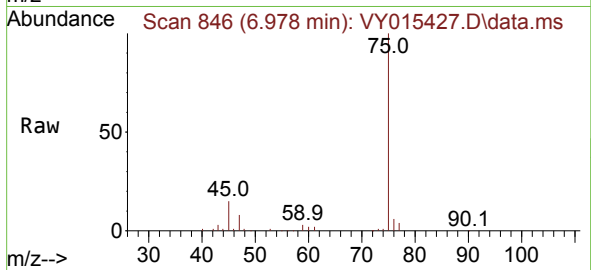




#26
2,2-Dichloropropane
Concen: 1.274 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

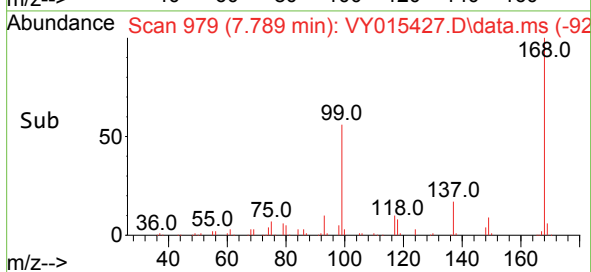
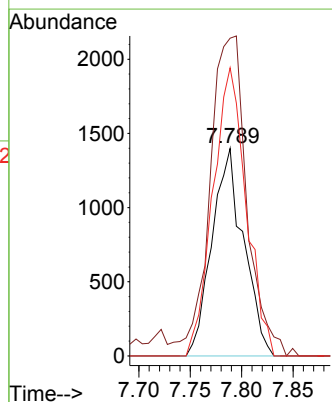
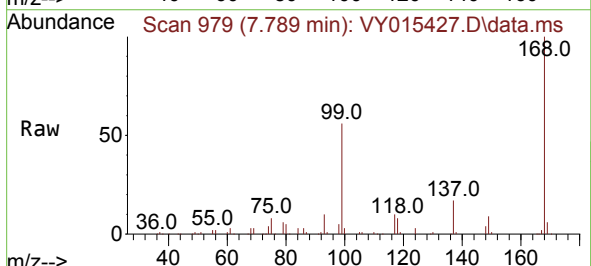
Instrument :
MSVOA_Y
ClientSampleId :
C-3

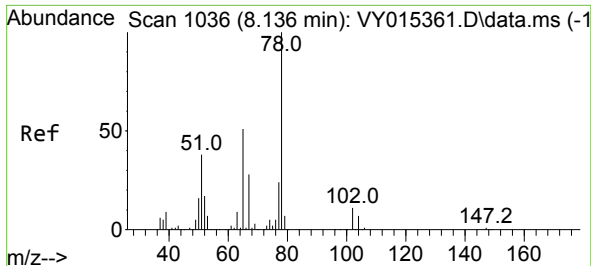
Tgt Ion: 77 Resp: 3202
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

Tgt Ion: 56 Resp: 2999
Ion Ratio Lower Upper
56 100
69 146.2 27.8 41.6#
84 138.8 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 61.394 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015427.D

Acq: 01 Sep 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

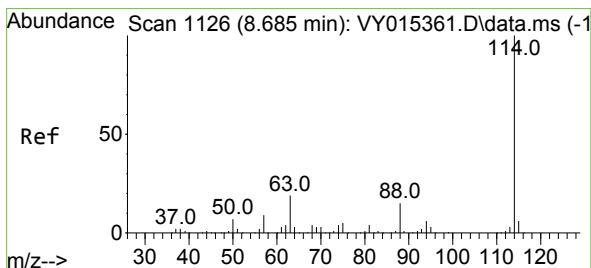
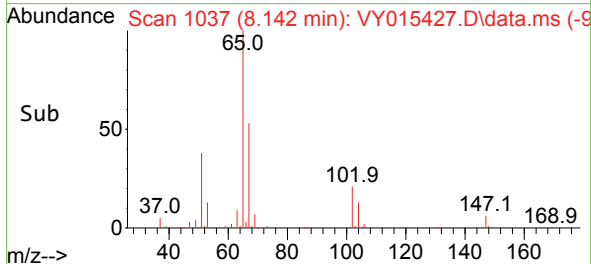
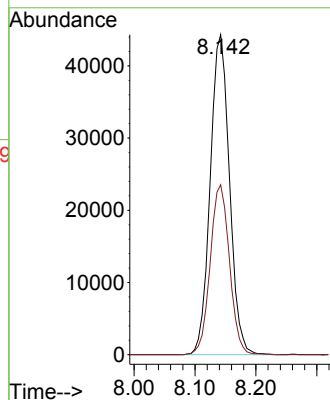
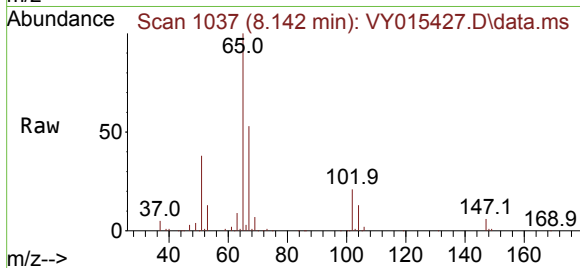
C-3

Tgt Ion: 65 Resp: 97317

Ion Ratio Lower Upper

65 100

67 53.2 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: VY015427.D

Acq: 01 Sep 2023 19:49

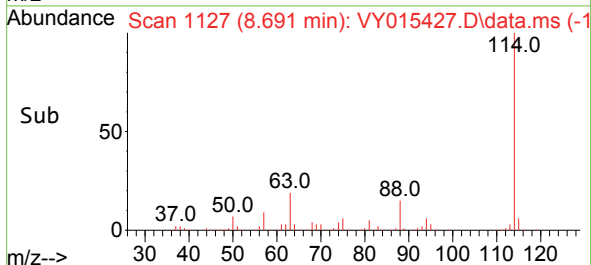
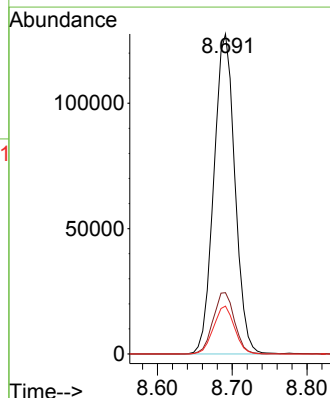
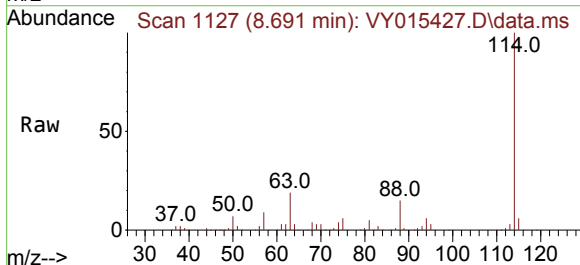
Tgt Ion: 114 Resp: 250079

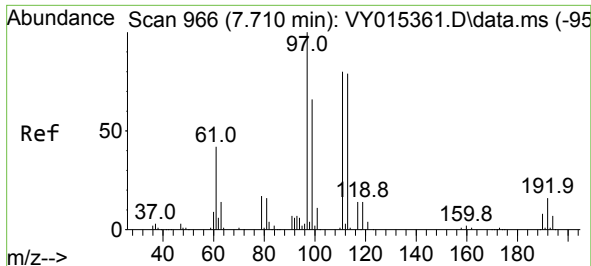
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.0 0.0 30.6

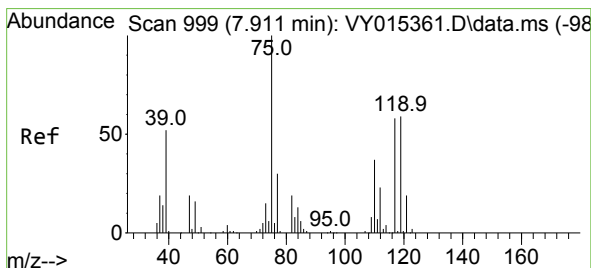
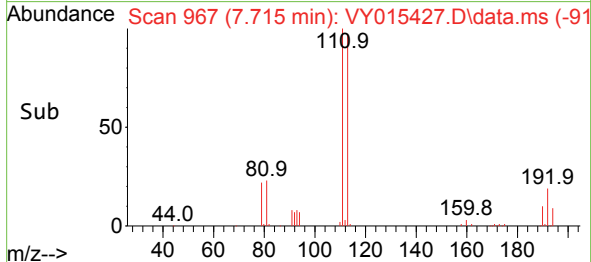
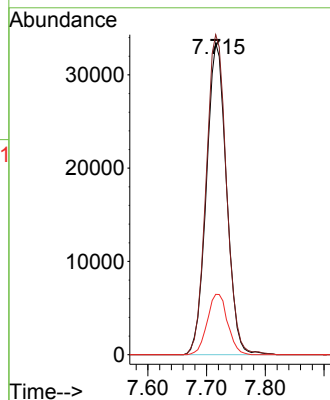
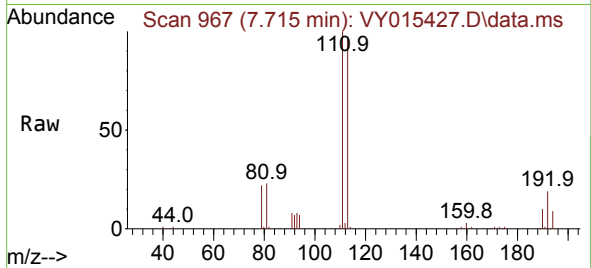




#35
Dibromofluoromethane
Concen: 55.074 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

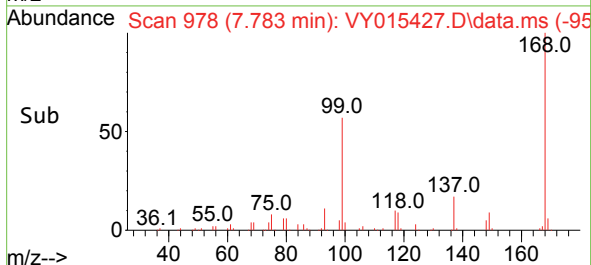
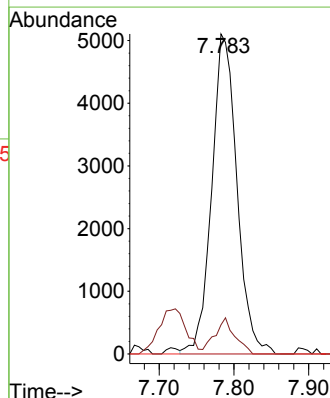
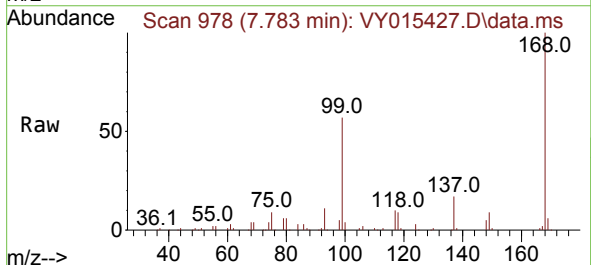
Instrument :
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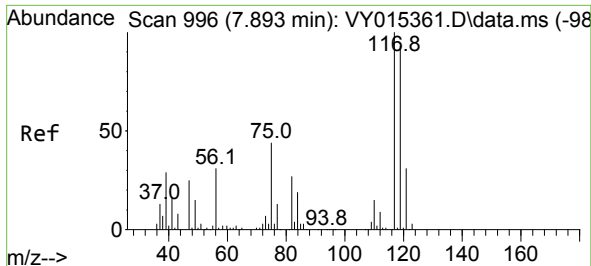
Tgt Ion:113 Resp: 79329
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.734 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

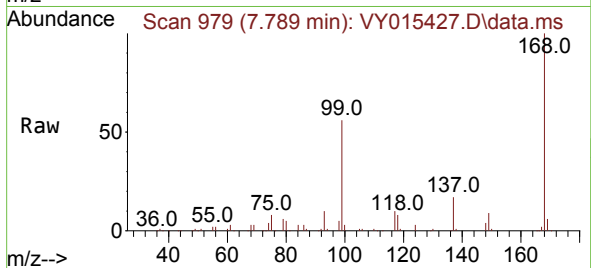
Tgt Ion: 75 Resp: 11972
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#



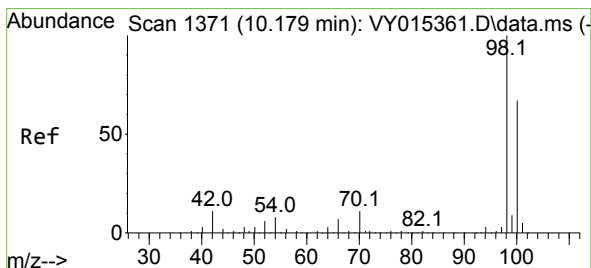
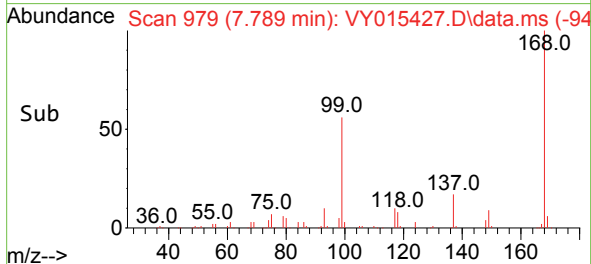
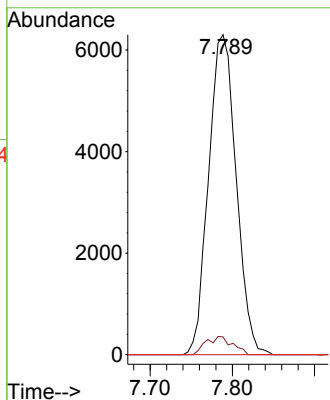


#38
Carbon Tetrachloride
Concen: 5.626 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

Instrument :
MSVOA_Y
ClientSampleId :
C-3

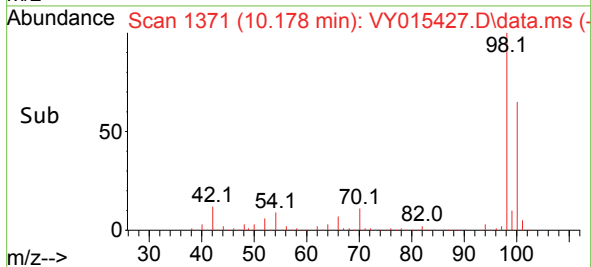
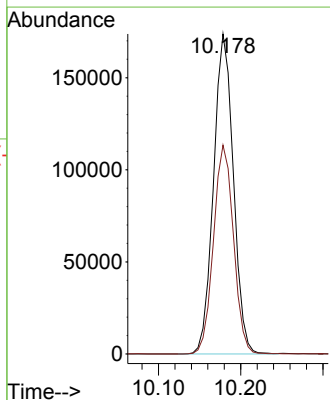
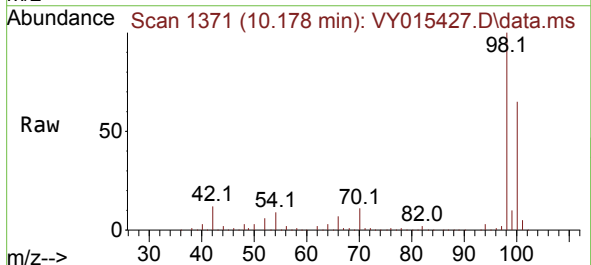


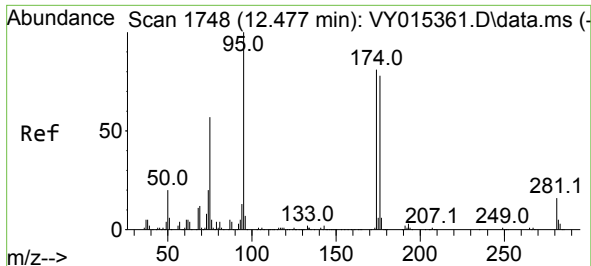
Tgt Ion:117 Resp: 14695
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.869 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

Tgt Ion: 98 Resp: 291426
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

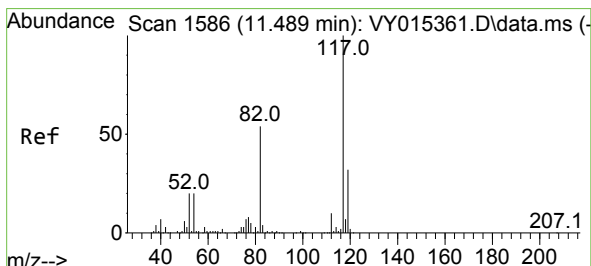
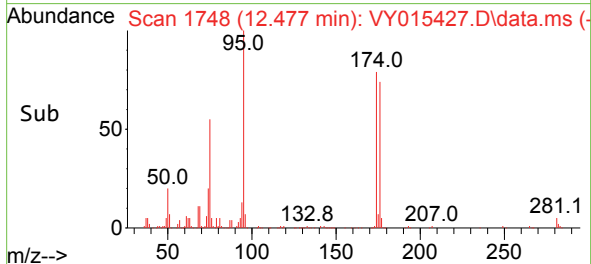
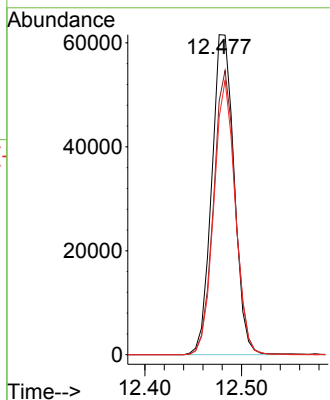
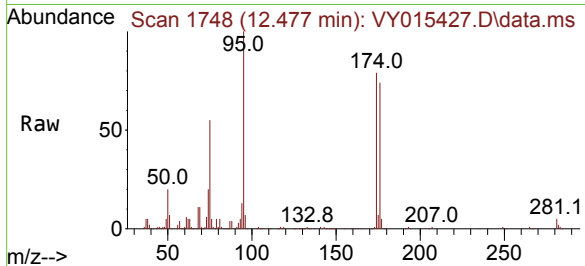




#62
4-Bromofluorobenzene
Concen: 51.050 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

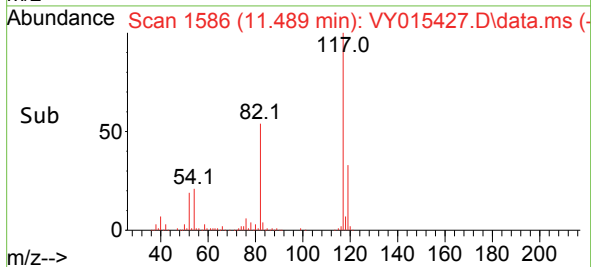
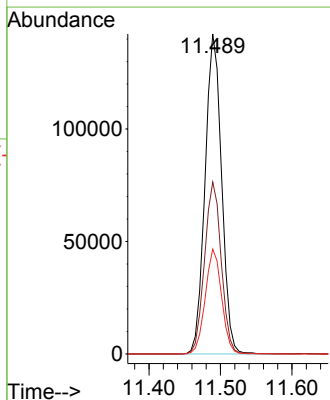
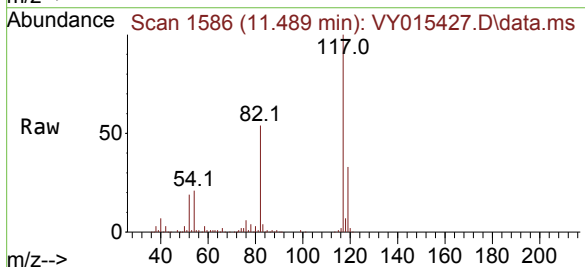
Instrument :
MSVOA_Y
ClientSampleId :
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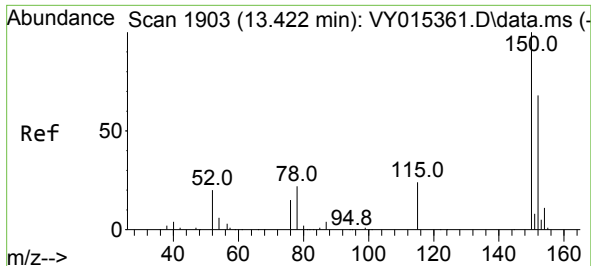
Tgt Ion: 95 Resp: 98856
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

Tgt Ion: 117 Resp: 228679
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.7 26.3 39.5

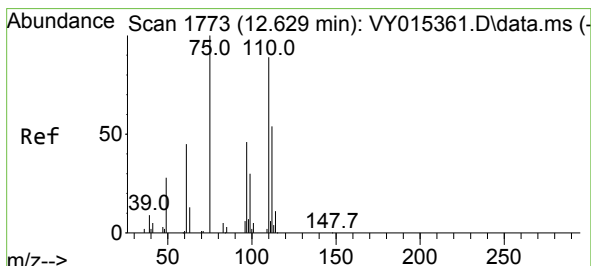
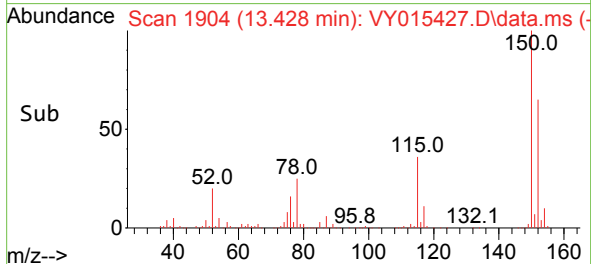
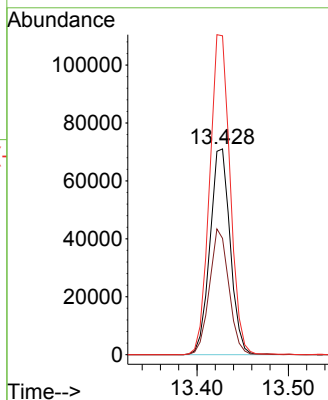
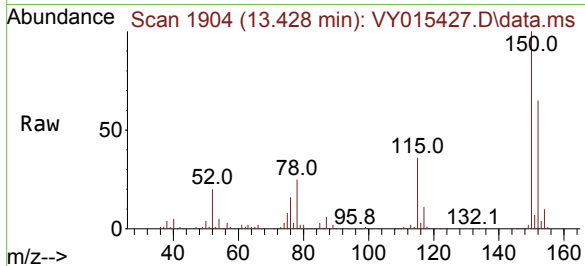




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015427.D
 Acq: 01 Sep 2023 19:49

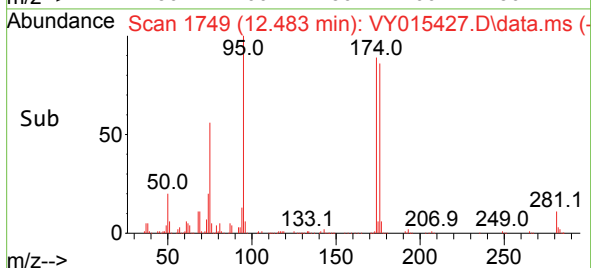
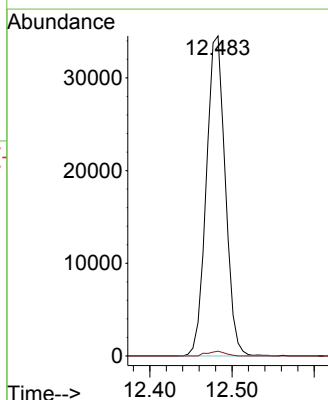
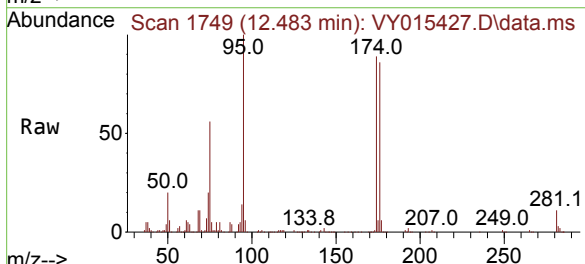
Instrument :
 MSVOA_Y
 ClientSampleId :
 C-3

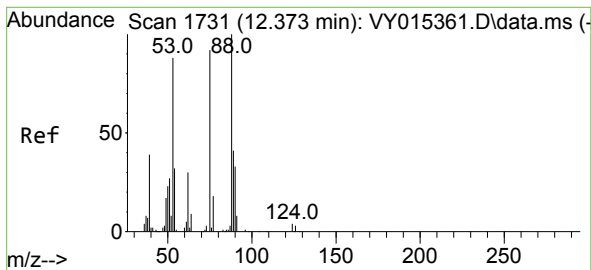
Tgt Ion:152 Resp: 109156
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.8 86.5
 150 157.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 38.161 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY015427.D
 Acq: 01 Sep 2023 19:49

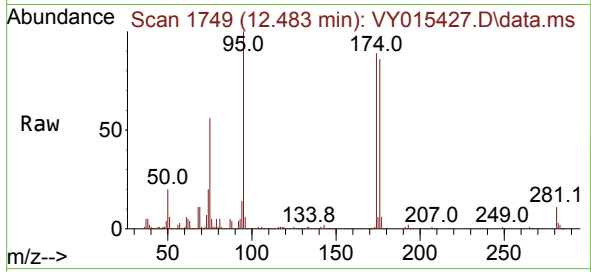
Tgt Ion: 75 Resp: 55239
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.179 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015427.D
 Acq: 01 Sep 2023 19:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-3



Tgt Ion: 75 Resp: 55239
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

