

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
 Data File : VY013822.D
 Acq On : 19 May 2023 15:37
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 22 04:21:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

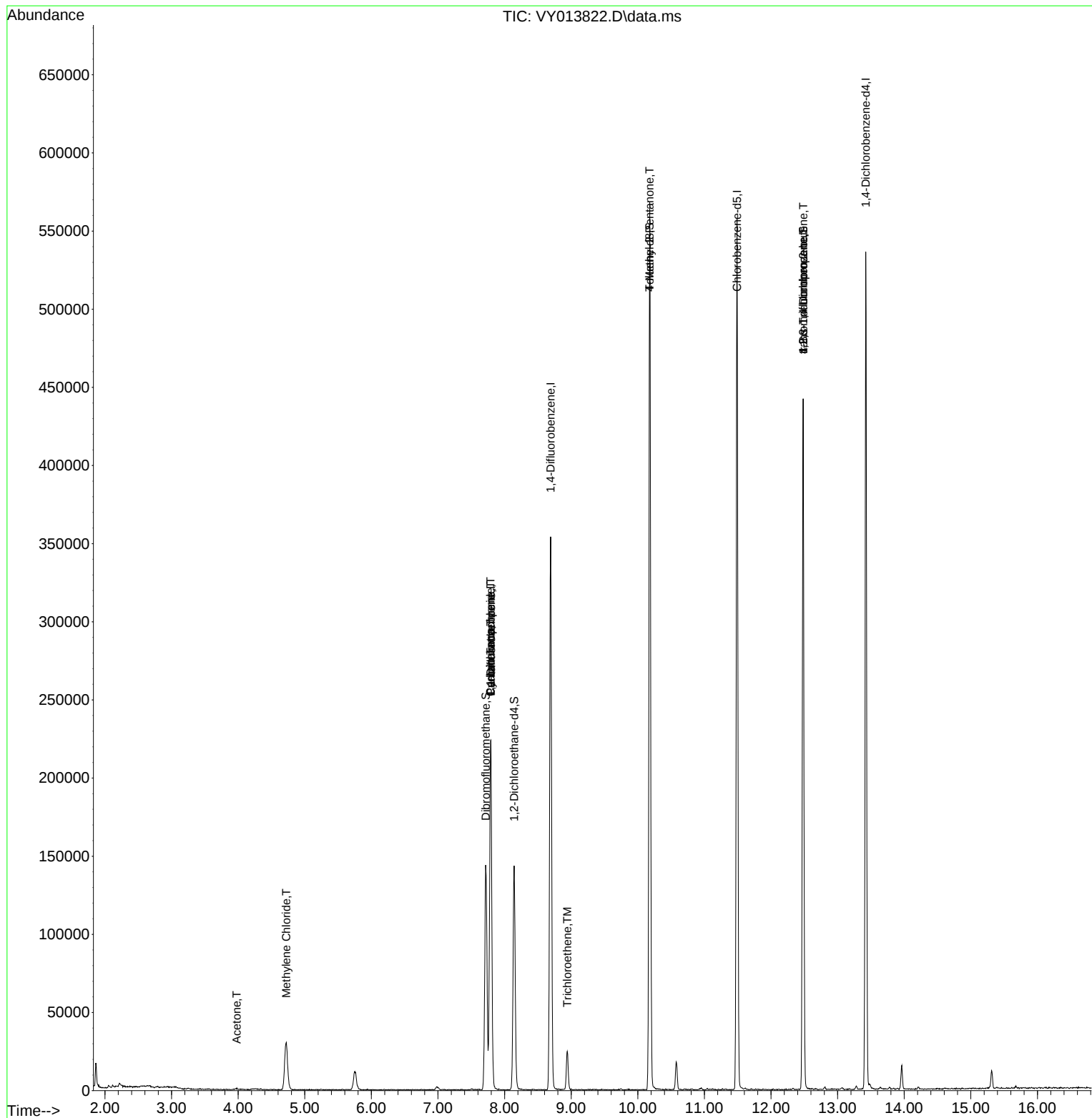
Internal Standards						
1) Pentafluorobenzene	7.795	168	175311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116639	57.273	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 114.540%	
35) Dibromofluoromethane	7.716	113	97693	51.044	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 102.080%	
50) Toluene-d8	10.179	98	365635	50.392	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 100.780%	
62) 4-Bromofluorobenzene	12.483	95	118218	49.052	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 98.100%	
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	1302	2.119	ug/l #	60
20) Methylene Chloride	4.722	84	21837	6.443	ug/l	95
31) Cyclohexane	7.789	56	4051	1.387	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13103	4.955	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17241	6.180	ug/l #	15
44) Trichloroethene	8.941	130	8354	4.159	ug/l	97
51) 4-Methyl-2-Pentanone	10.179	43	1856	1.009	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	66221	40.644	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66221	90.489	ug/l #	12

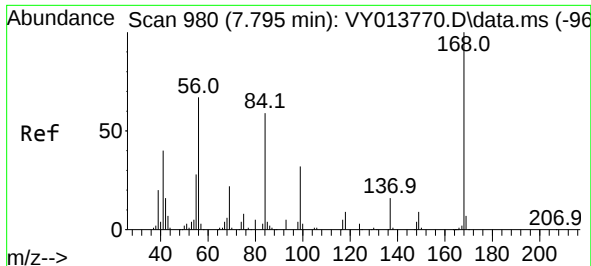
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 2023
Response via : Initial Calibration

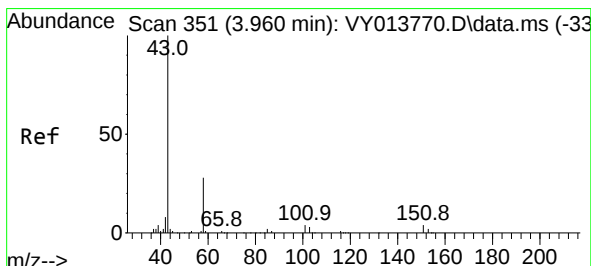
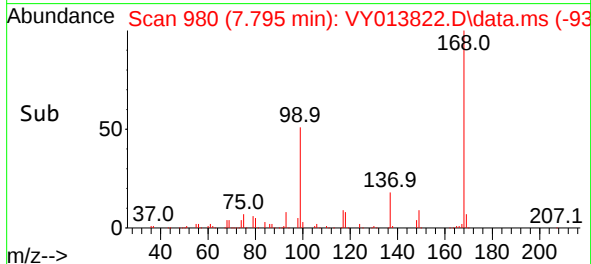
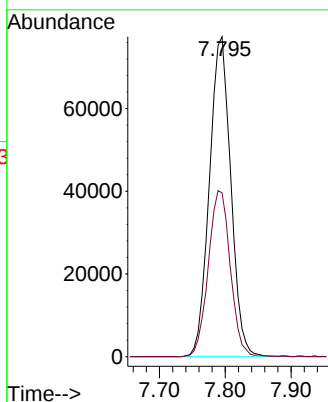
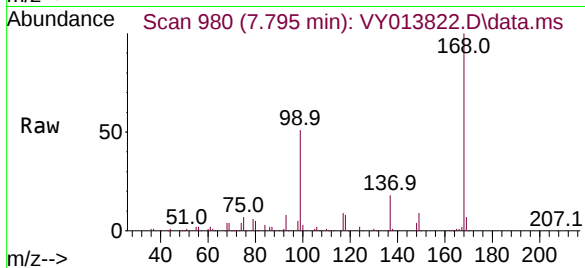




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

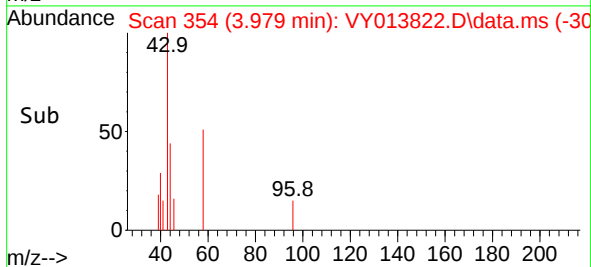
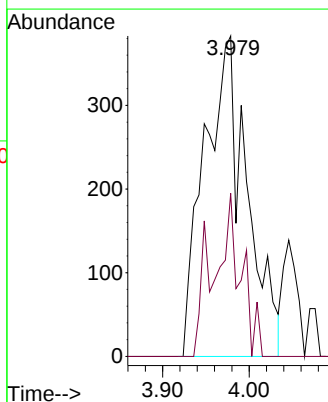
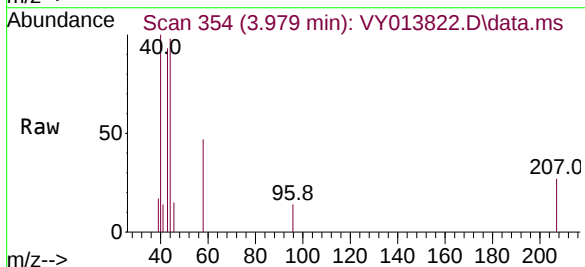
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

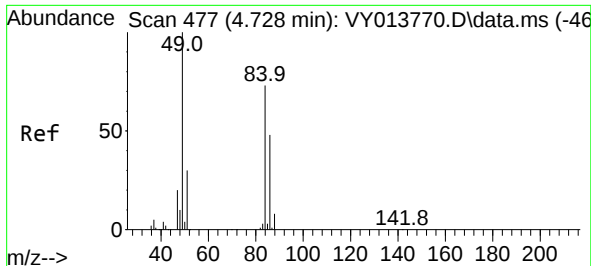
Tgt Ion:168 Resp: 175311
Ion Ratio Lower Upper
168 100
99 51.2 44.0 66.0



#16
Acetone
Concen: 2.119 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
58 50.9 23.7 35.5#

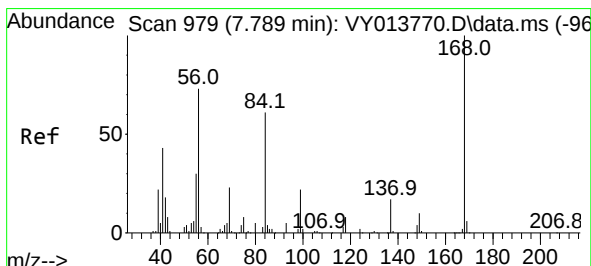
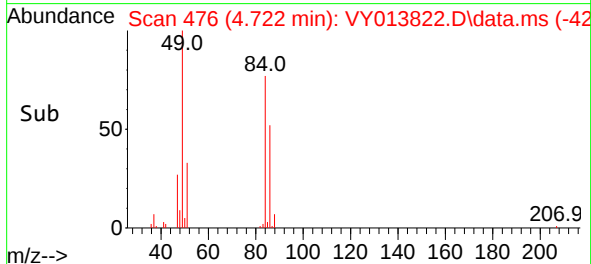
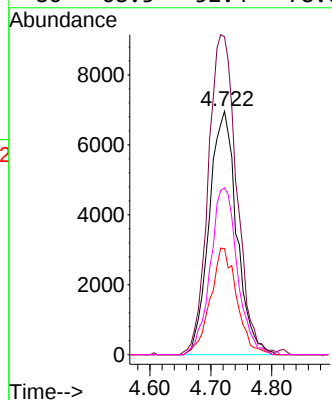
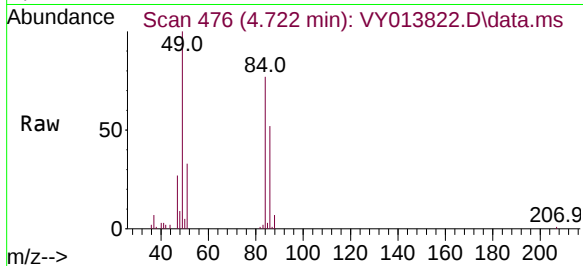




#20
Methylene Chloride
Concen: 6.443 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

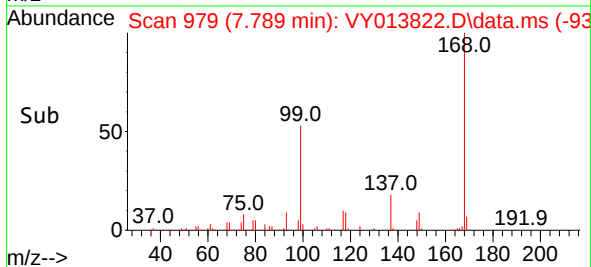
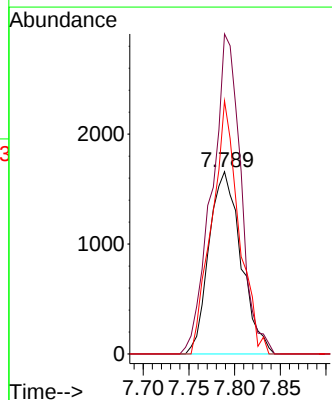
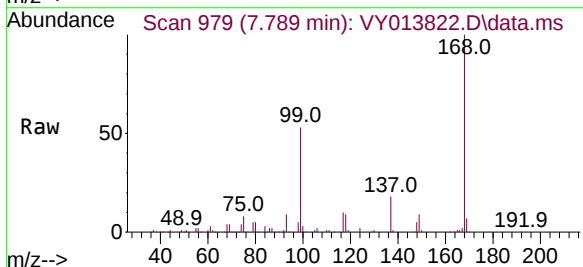
Instrument :
MSVOA_Y
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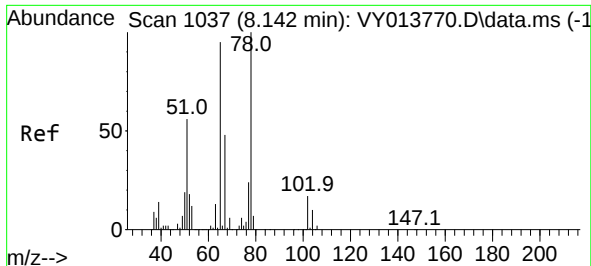
Tgt Ion:	84	Resp:	21837
Ion	Ratio	Lower	Upper
84	100		
49	130.6	109.4	164.0
51	43.6	32.8	49.2
86	68.5	52.4	78.6



#31
Cyclohexane
Concen: 1.387 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

Tgt Ion:	56	Resp:	4051
Ion	Ratio	Lower	Upper
56	100		
69	175.5	25.8	38.6#
84	144.1	65.8	98.6#





#33

1,2-Dichloroethane-d4

Concen: 57.273 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY013822.D

Acq: 19 May 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

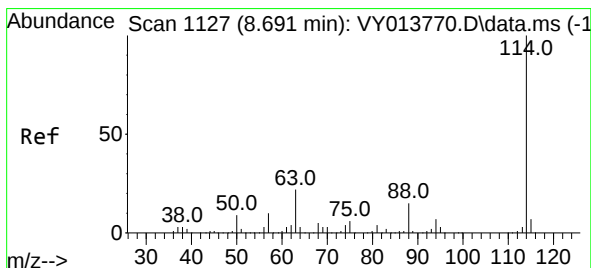
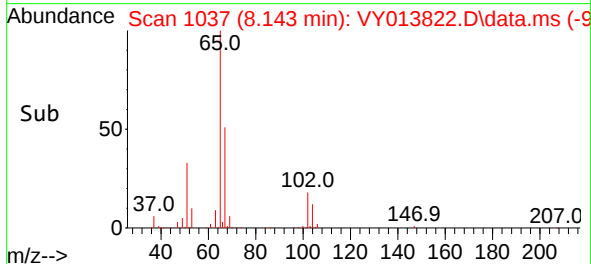
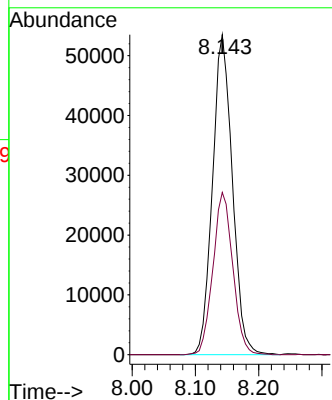
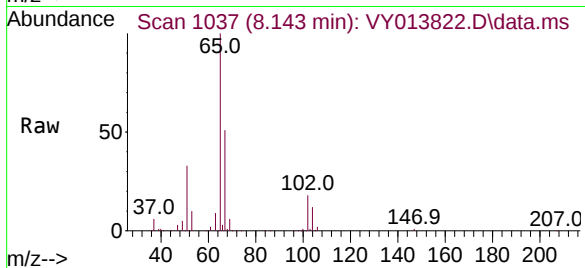
VIBLK

Tgt Ion: 65 Resp: 116639

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013822.D

Acq: 19 May 2023 15:37

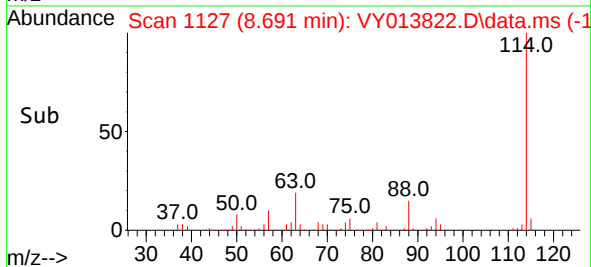
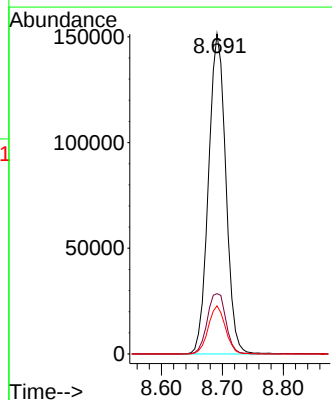
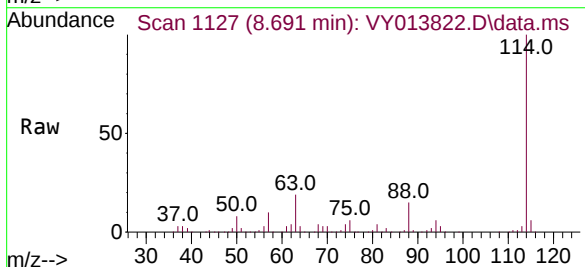
Tgt Ion: 114 Resp: 298459

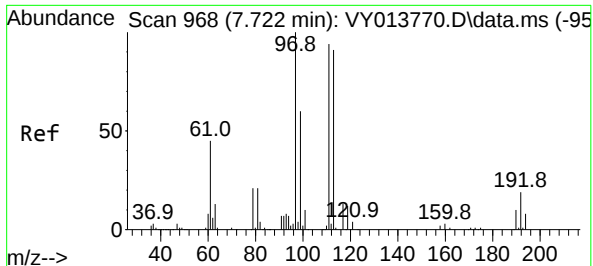
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.8

88 15.1 0.0 30.8

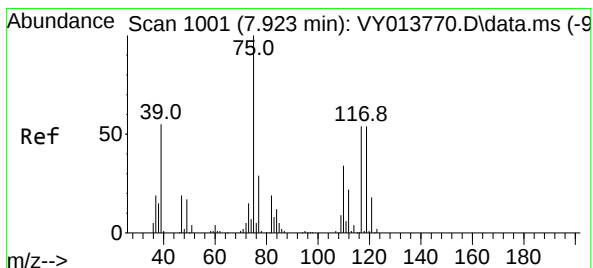
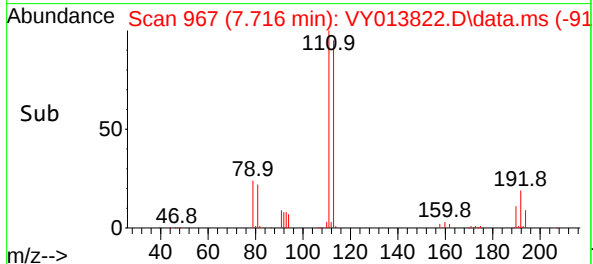
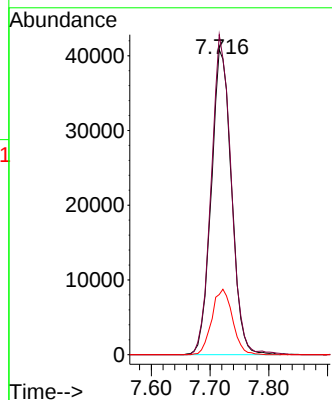
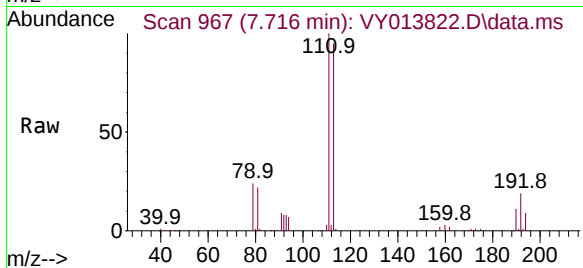




#35
Dibromofluoromethane
Concen: 51.044 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

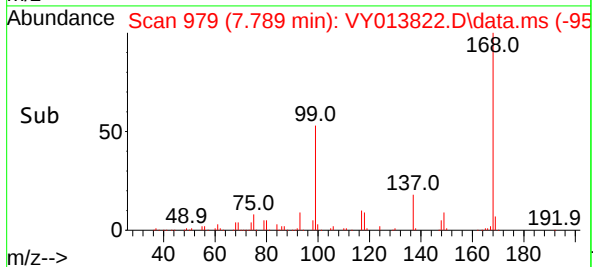
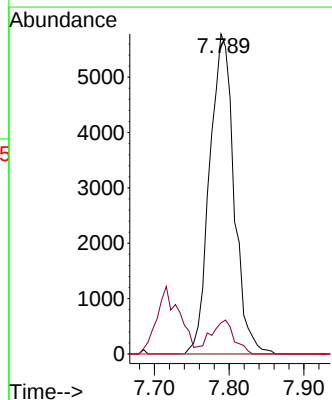
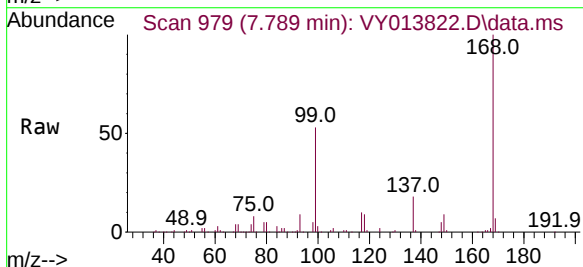
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

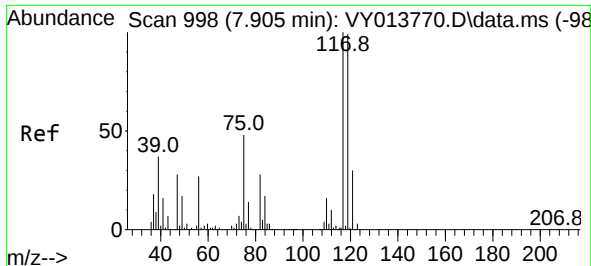
Tgt Ion:113 Resp: 97693
Ion Ratio Lower Upper
113 100
111 103.4 82.3 123.5
192 21.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.955 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

Tgt Ion: 75 Resp: 13103
Ion Ratio Lower Upper
75 100
110 10.1 17.3 51.7#
77 0.0 24.6 36.8#

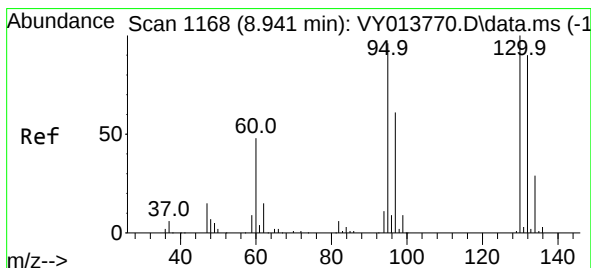
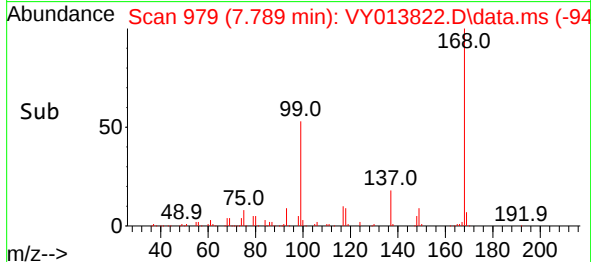
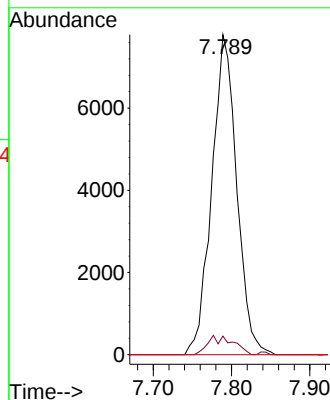
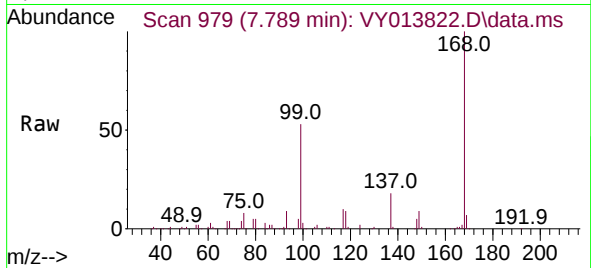




#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

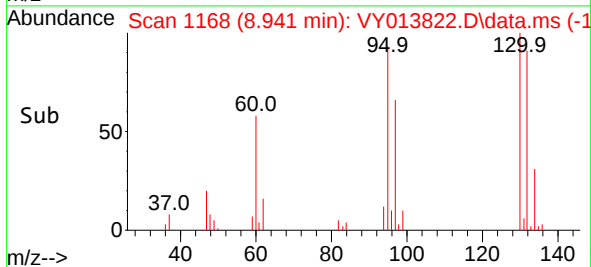
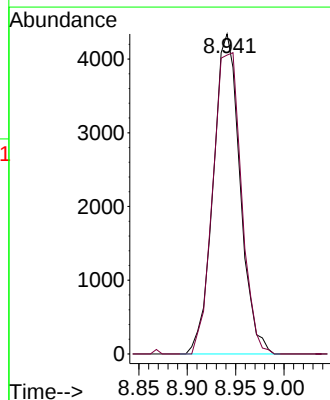
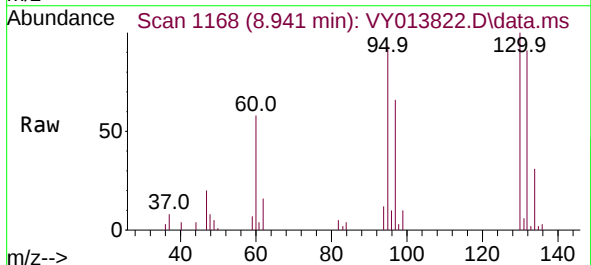
Instrument :
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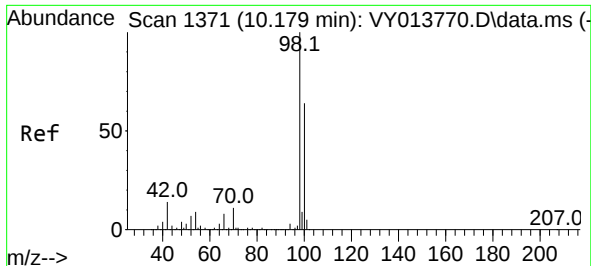
Tgt Ion:117 Resp: 17241
Ion Ratio Lower Upper
117 100
119 5.8 79.0 118.6#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 4.159 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

Tgt Ion:130 Resp: 8354
Ion Ratio Lower Upper
130 100
95 93.4 0.0 193.0

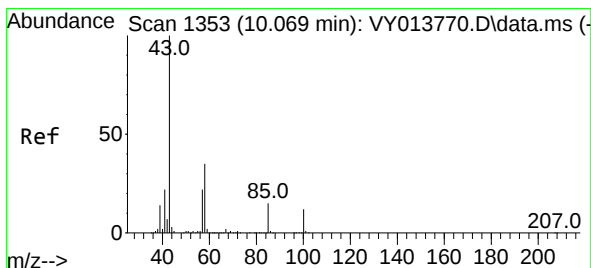
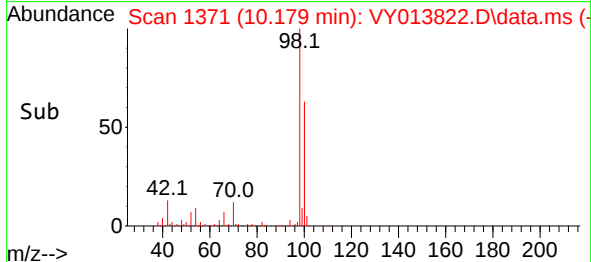
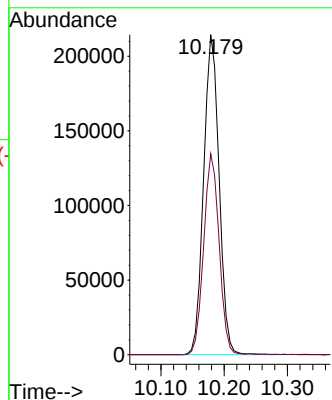
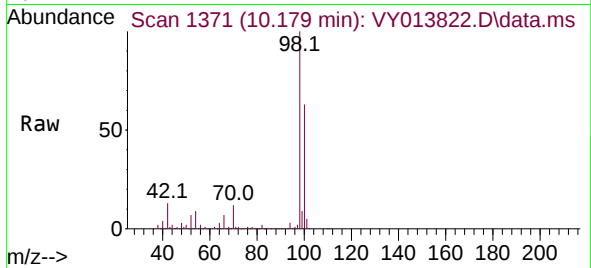




#50
Toluene-d8
Concen: 50.392 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

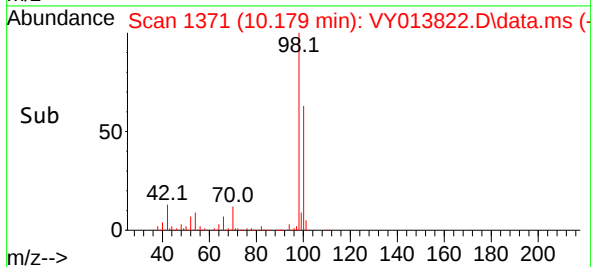
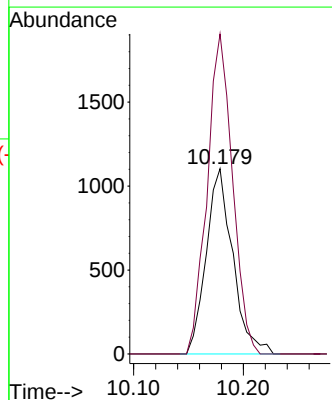
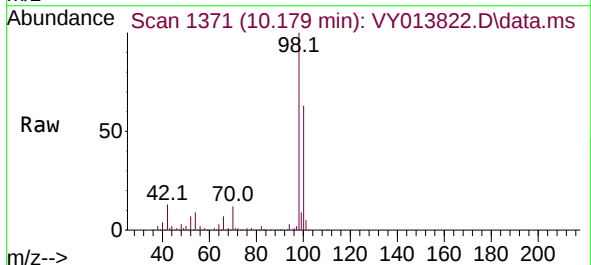
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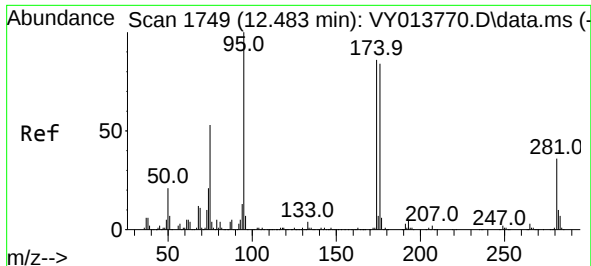
Tgt Ion: 98 Resp: 365635
Ion Ratio Lower Upper
98 100
100 62.4 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 1.009 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

Tgt Ion: 43 Resp: 1856
Ion Ratio Lower Upper
43 100
58 165.1 28.2 42.2#

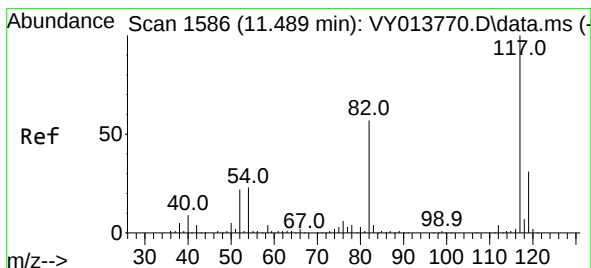
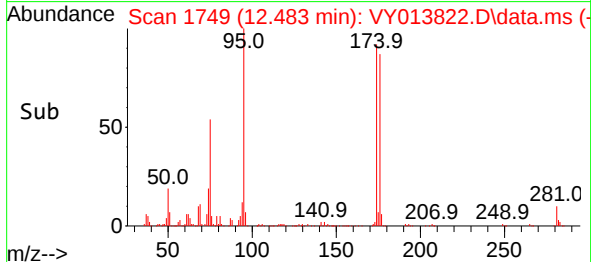
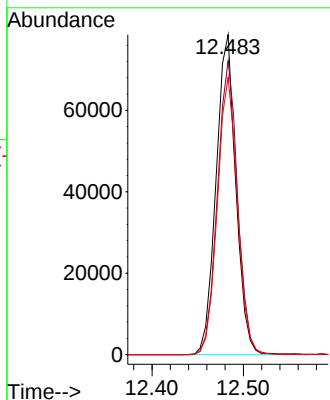
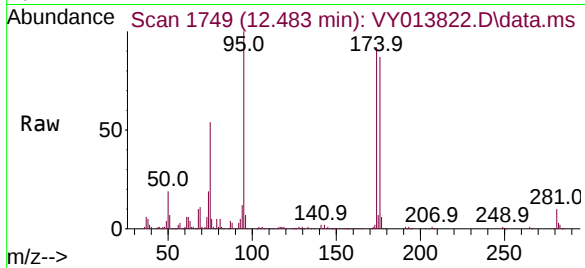




#62
4-Bromofluorobenzene
Concen: 49.052 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

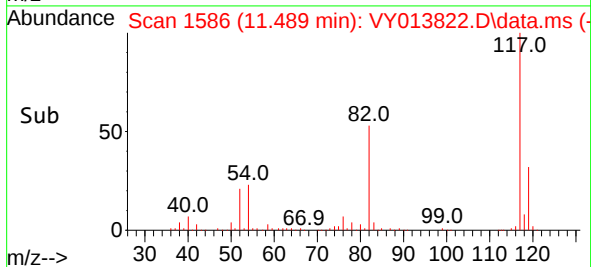
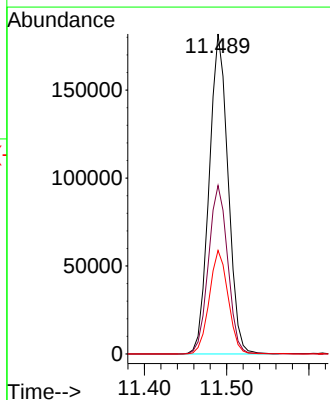
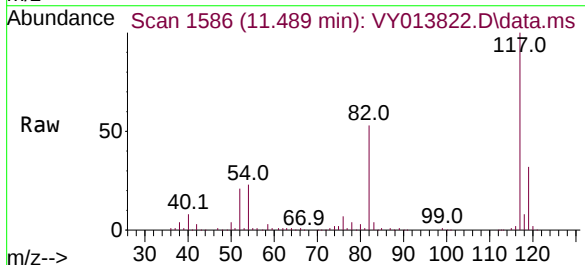
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

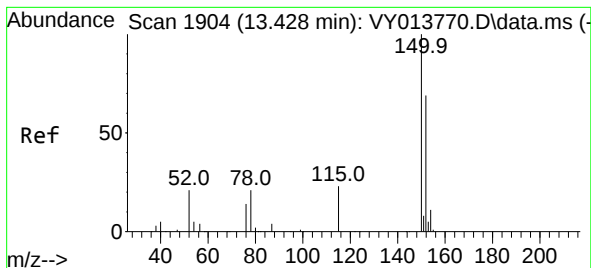
Tgt Ion: 95 Resp: 118218
Ion Ratio Lower Upper
95 100
174 94.0 0.0 168.8
176 88.3 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

Tgt Ion: 117 Resp: 291020
Ion Ratio Lower Upper
117 100
82 52.7 45.5 68.3
119 32.3 24.8 37.2

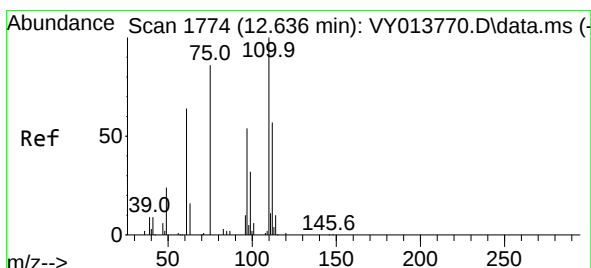
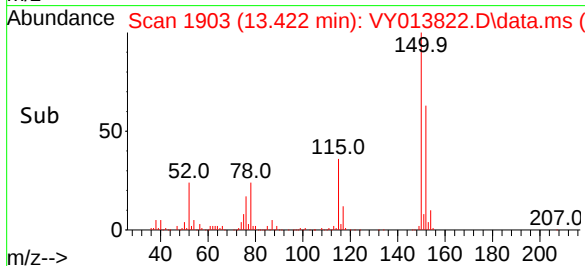
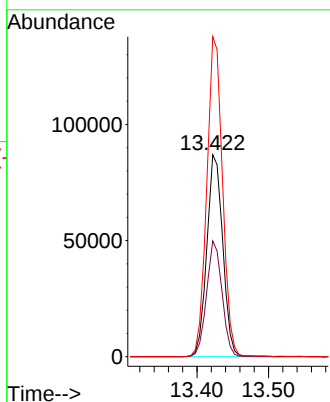
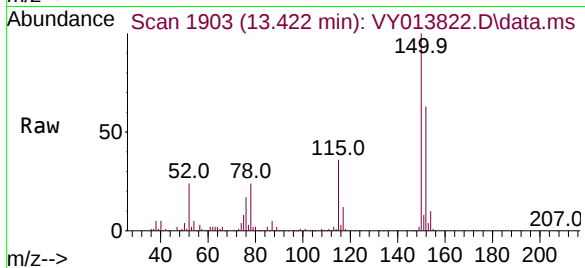




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

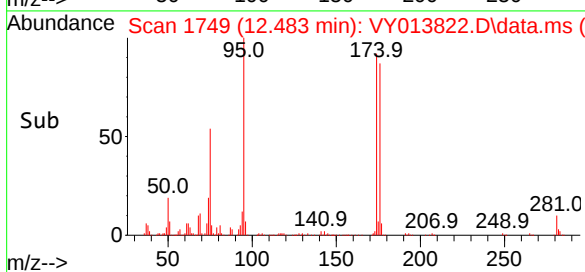
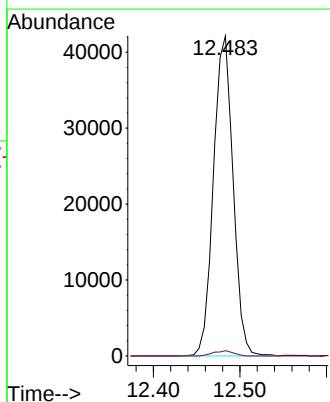
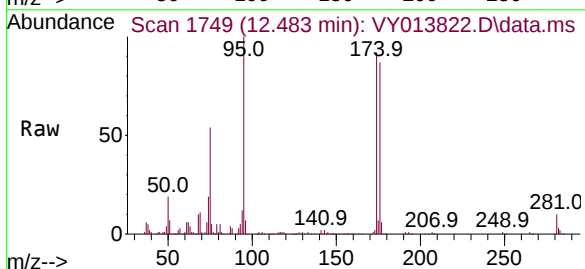
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

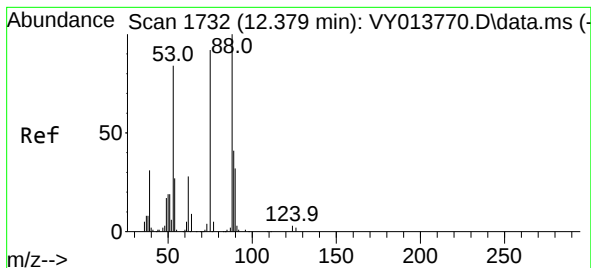
Tgt Ion:152 Resp: 134622
Ion Ratio Lower Upper
152 100
115 55.6 28.5 85.5
150 156.0 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 40.644 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013822.D
Acq: 19 May 2023 15:37

Tgt Ion: 75 Resp: 66221
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 90.489 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY013822.D

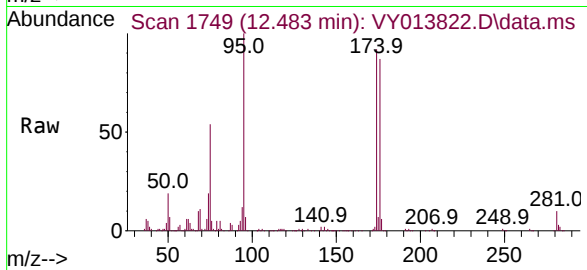
Acq: 19 May 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion: 75 Resp: 66221

Ion Ratio Lower Upper

75 100

53 0.2 75.3 112.9#

89 0.0 35.4 53.2#

