

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012732.D
 Acq On : 27 Feb 2023 13:15
 Operator : KP/MD
 Sample : 01657-02RE
 Misc : 6.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-17-SB02

Quant Time: Feb 28 00:22:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

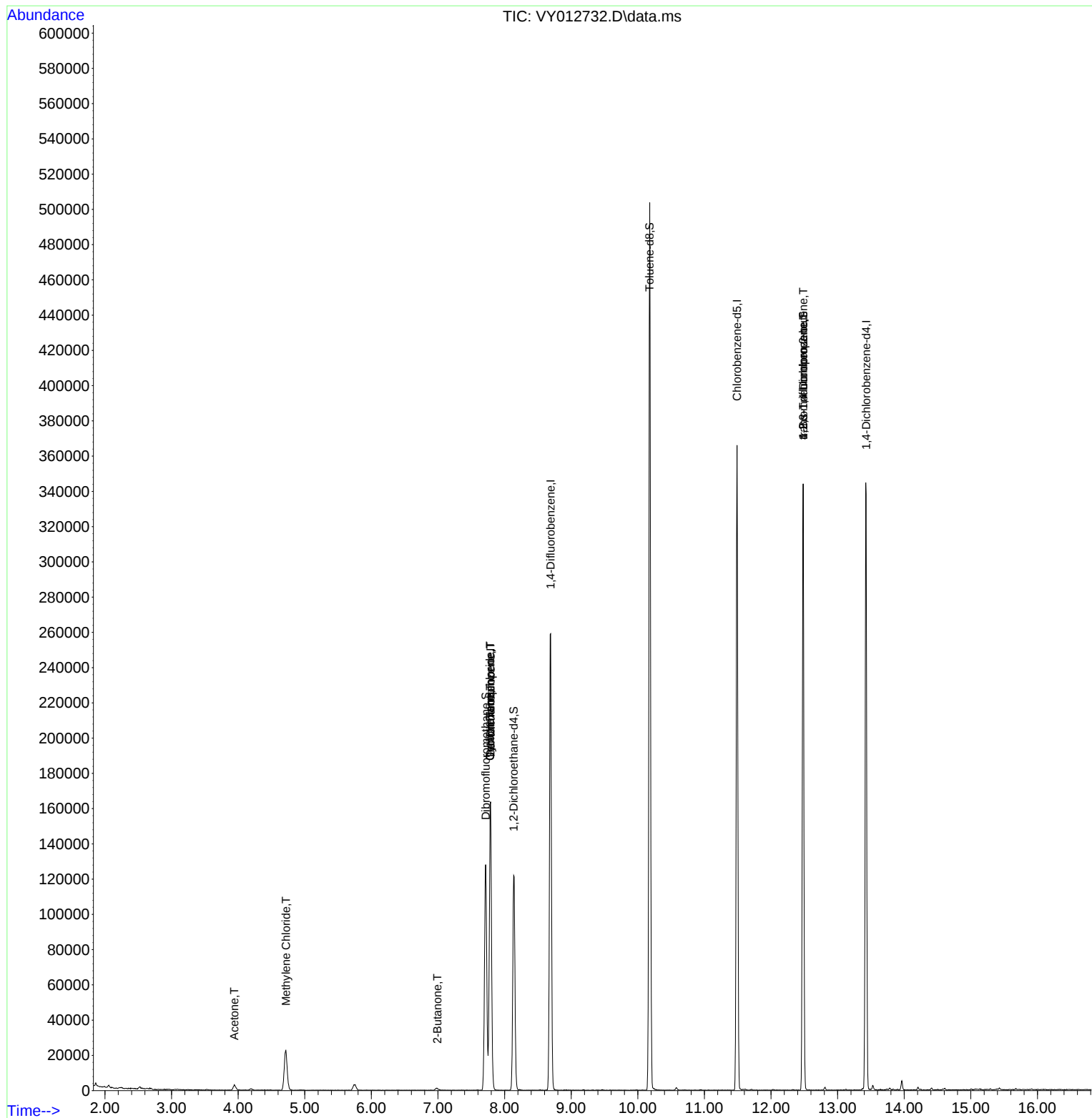
Internal Standards						
1) Pentafluorobenzene	7.789	168	129608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94851	61.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.920%	
35) Dibromofluoromethane	7.716	113	89447	59.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.140%	
50) Toluene-d8	10.179	98	320337	56.946	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.900%	
62) 4-Bromofluorobenzene	12.483	95	98109	54.502	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	525	Below Cal		92
16) Acetone	3.942	43	5149	10.309	ug/l	98
20) Methylene Chloride	4.716	84	17030	5.603	ug/l	90
25) 2-Butanone	6.990	43	1115	1.682	ug/l #	90
31) Cyclohexane	7.783	56	2888	1.086	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	9869	4.147	ug/l #	49
38) Carbon Tetrachloride	7.783	117	12648	5.140	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52228	46.779	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52228	99.100	ug/l #	9

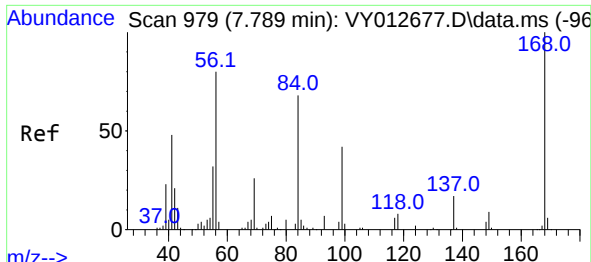
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

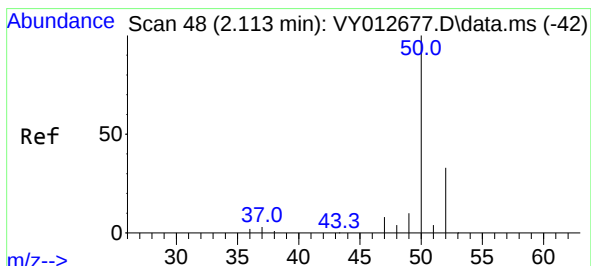
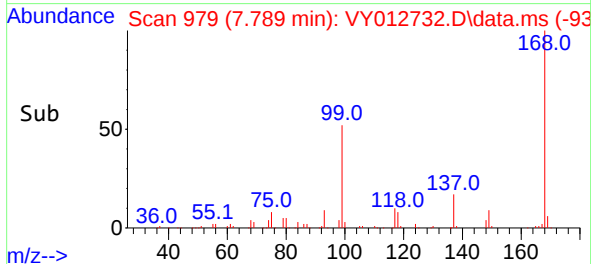
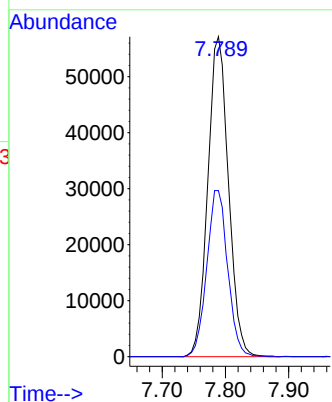
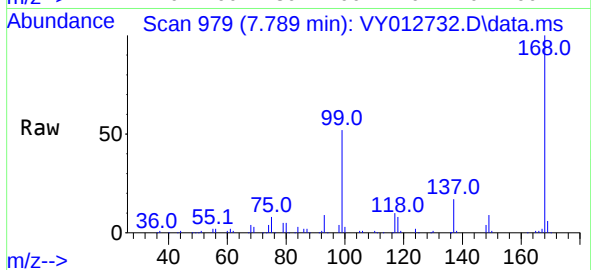




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

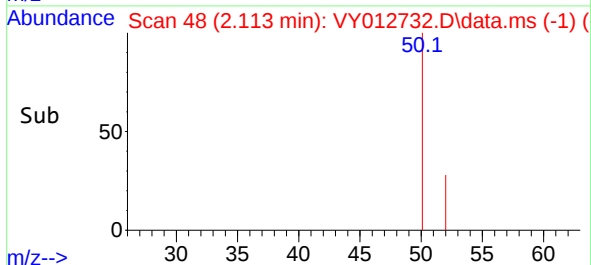
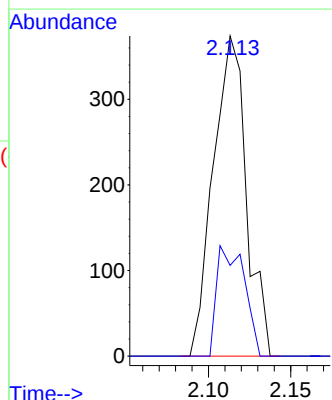
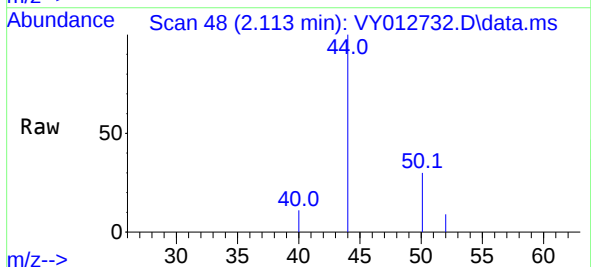
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB02

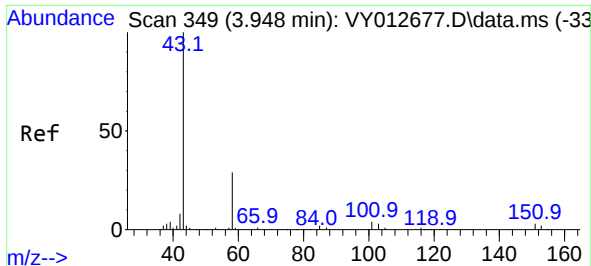
Tgt Ion:168 Resp: 129608
Ion Ratio Lower Upper
168 100
99 51.9 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

Tgt Ion: 50 Resp: 525
Ion Ratio Lower Upper
50 100
52 28.3 26.1 39.1

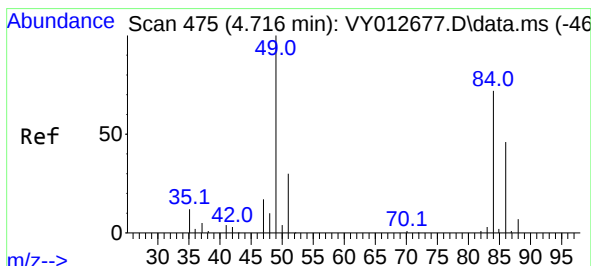
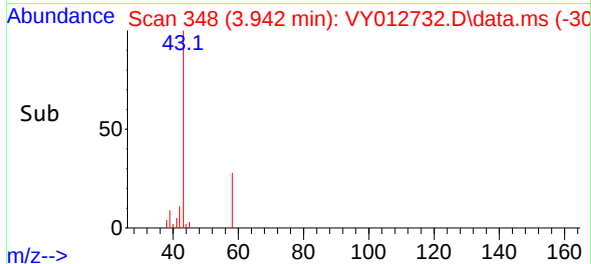
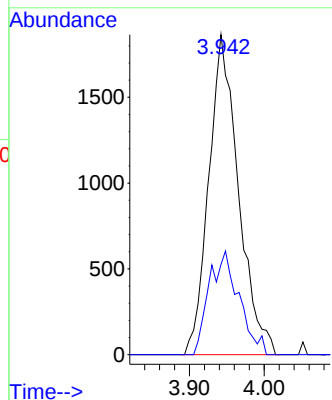
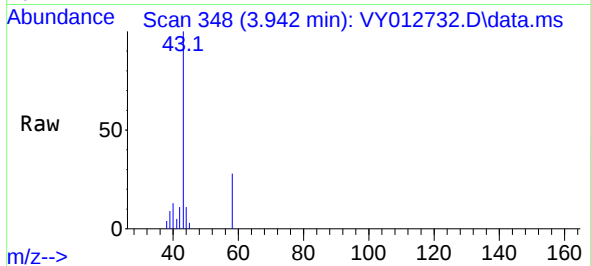




#16
Acetone
Concen: 10.309 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

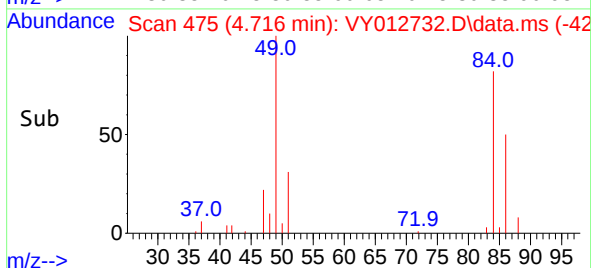
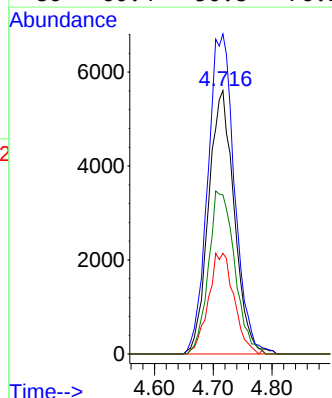
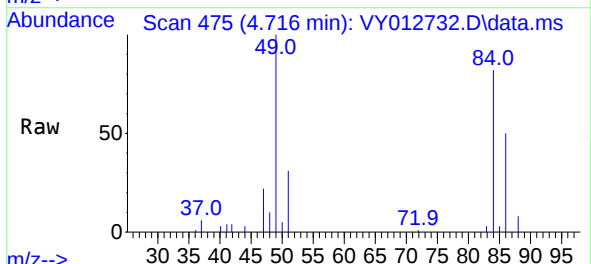
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB02

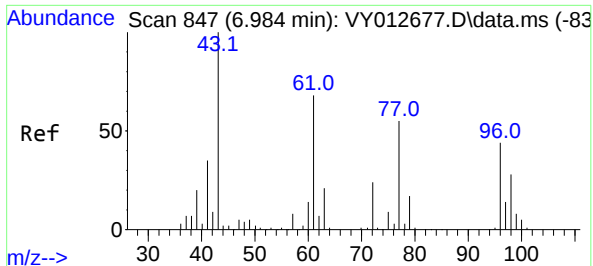
Tgt Ion: 43 Resp: 5149
Ion Ratio Lower Upper
43 100
58 28.2 23.3 34.9



#20
Methylene Chloride
Concen: 5.603 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

Tgt Ion: 84 Resp: 17030
Ion Ratio Lower Upper
84 100
49 121.5 111.1 166.7
51 38.2 33.5 50.3
86 60.4 50.8 76.2





#25

2-Butanone

Concen: 1.682 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY012732.D

Acq: 27 Feb 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

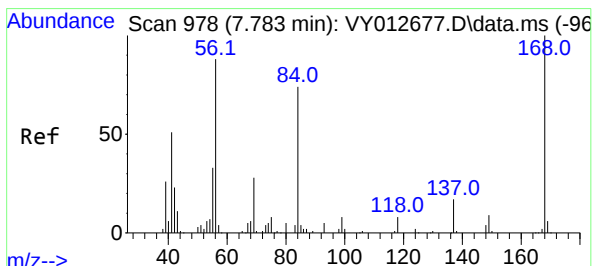
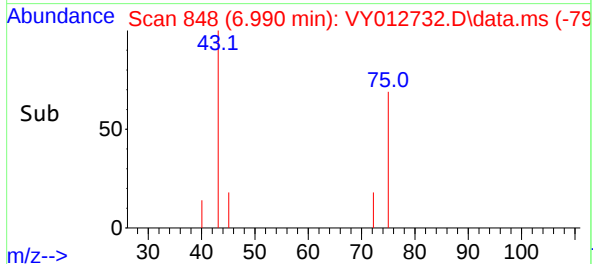
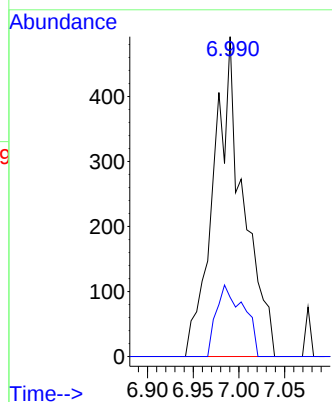
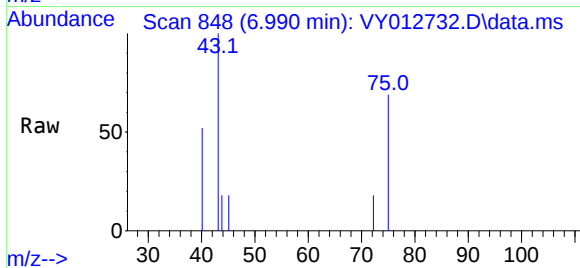
B-17-SB02

Tgt Ion: 43 Resp: 1115

Ion Ratio Lower Upper

43 100

72 18.5 18.8 28.2#



#31

Cyclohexane

Concen: 1.086 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012732.D

Acq: 27 Feb 2023 13:15

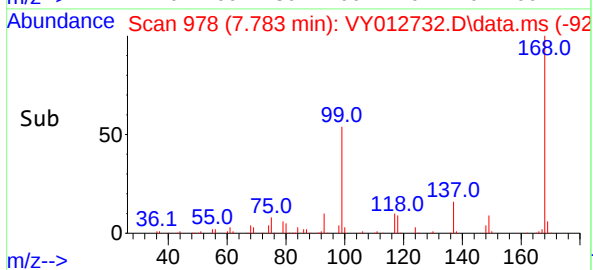
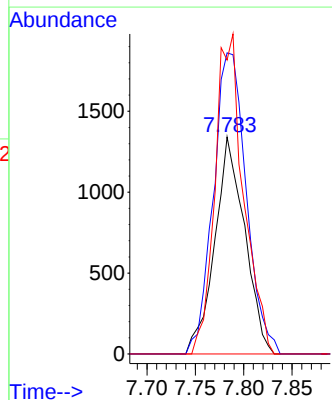
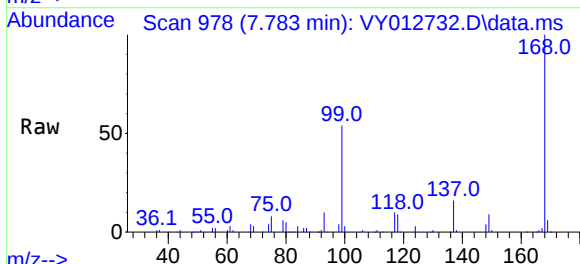
Tgt Ion: 56 Resp: 2888

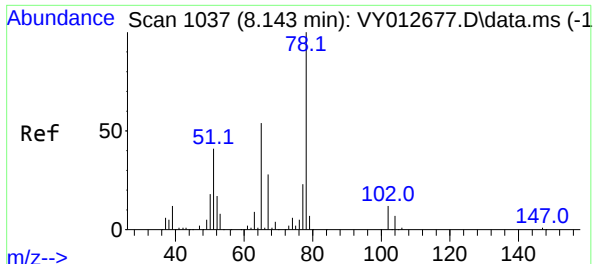
Ion Ratio Lower Upper

56 100

69 138.8 25.4 38.2#

84 135.5 67.3 100.9#





#33

1,2-Dichloroethane-d4

Concen: 61.965 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012732.D

Acq: 27 Feb 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

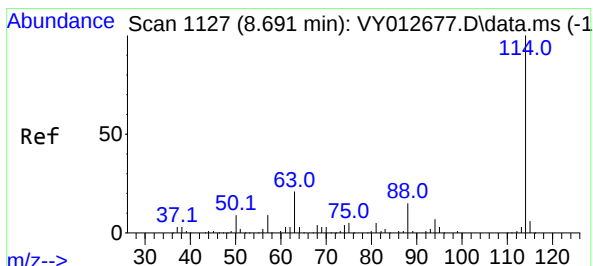
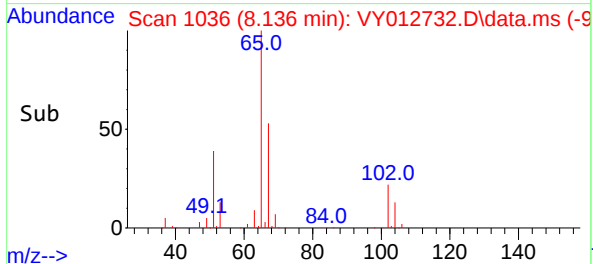
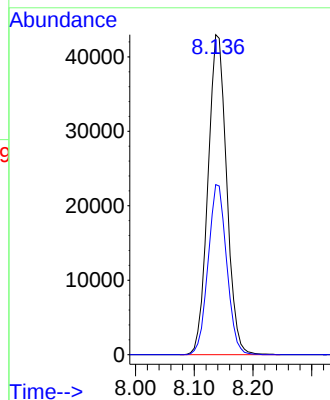
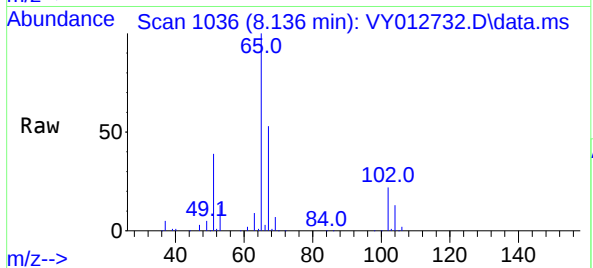
B-17-SB02

Tgt Ion: 65 Resp: 94851

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012732.D

Acq: 27 Feb 2023 13:15

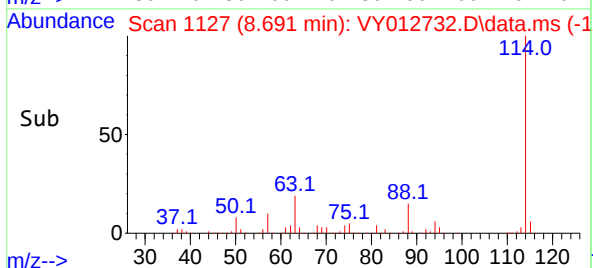
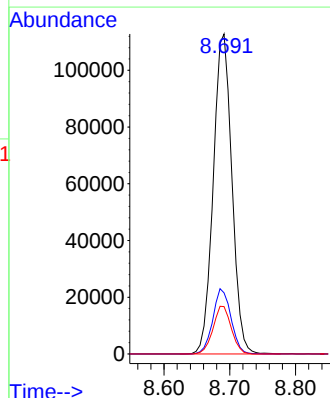
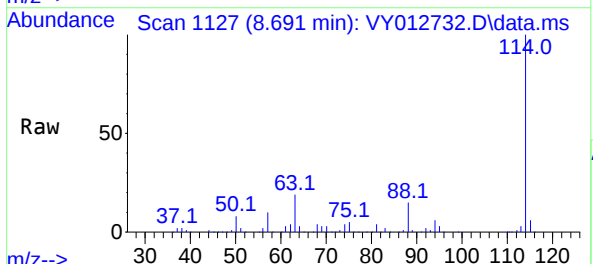
Tgt Ion: 114 Resp: 222301

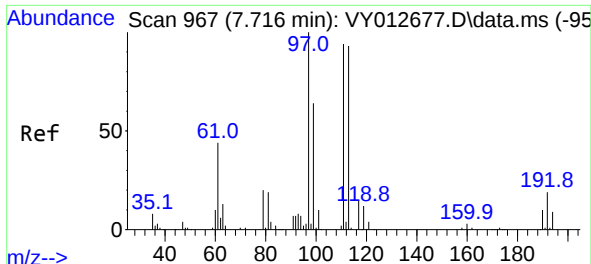
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.8

88 14.8 0.0 29.6

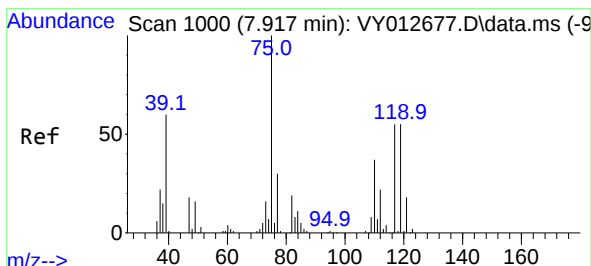
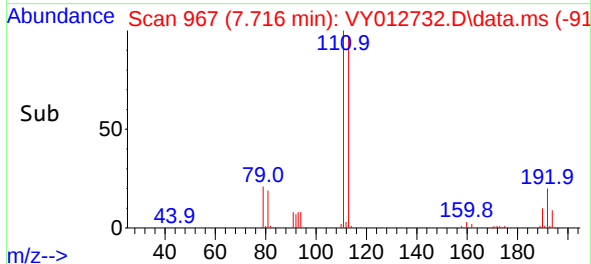
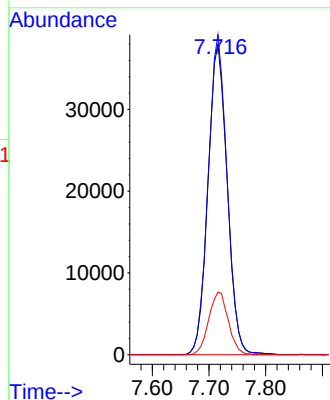
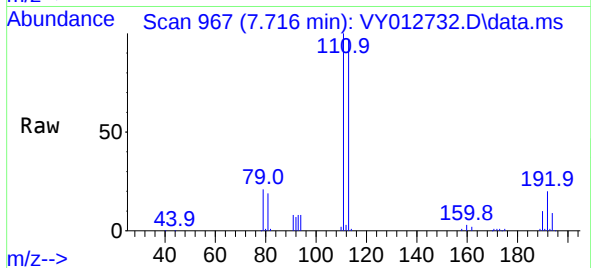




#35
Dibromofluoromethane
Concen: 59.572 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

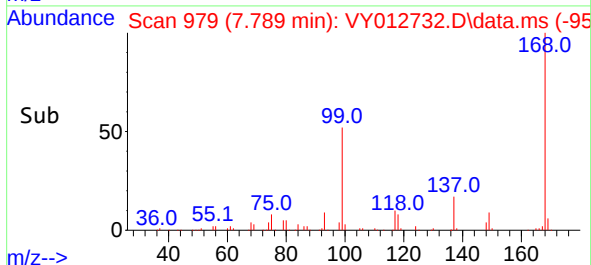
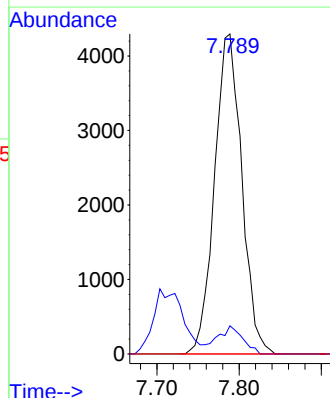
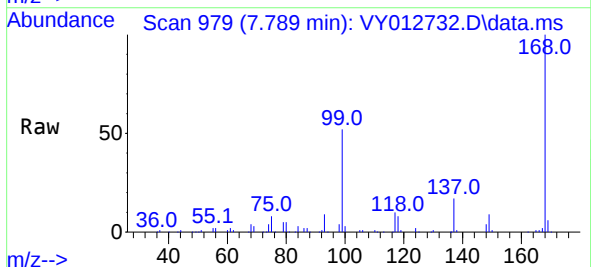
Instrument :
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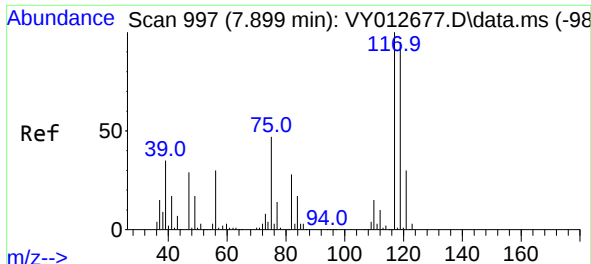
Tgt Ion:113 Resp: 89447
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 20.4 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.147 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

Tgt Ion: 75 Resp: 9869
Ion Ratio Lower Upper
75 100
110 8.0 17.6 52.8#
77 0.0 24.6 37.0#

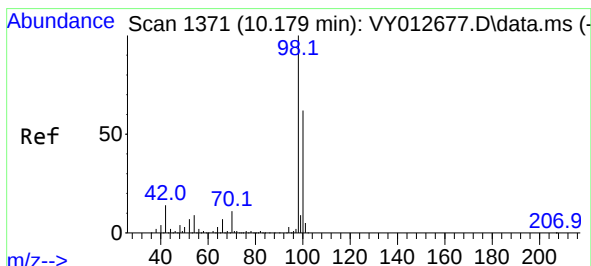
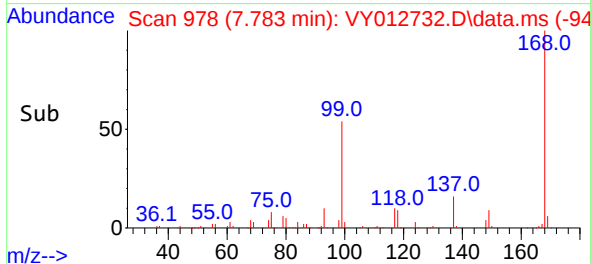
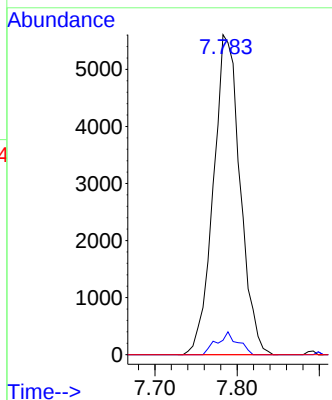
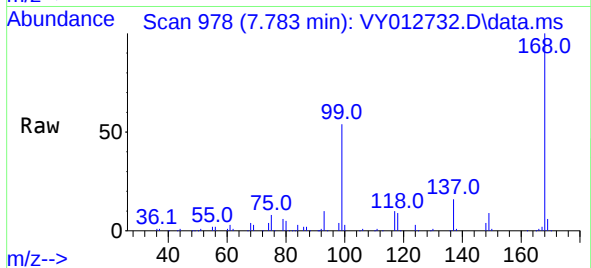




#38
Carbon Tetrachloride
Concen: 5.140 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

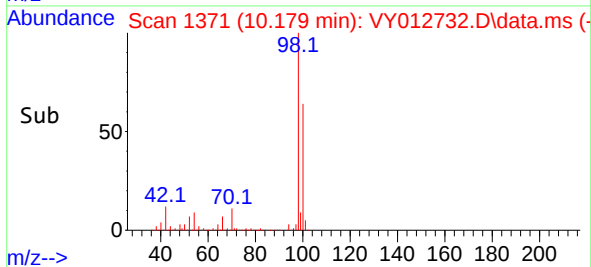
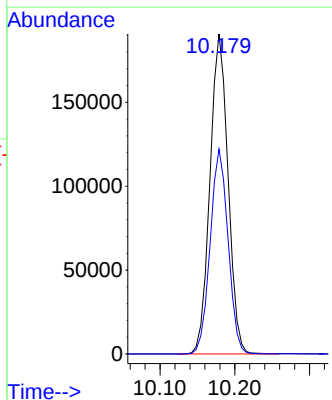
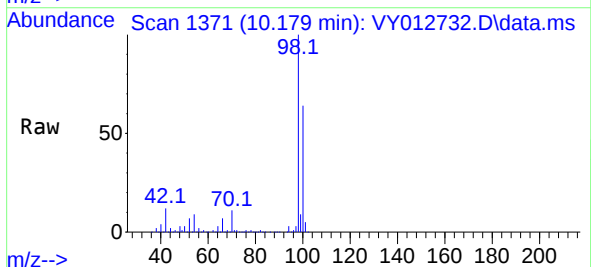
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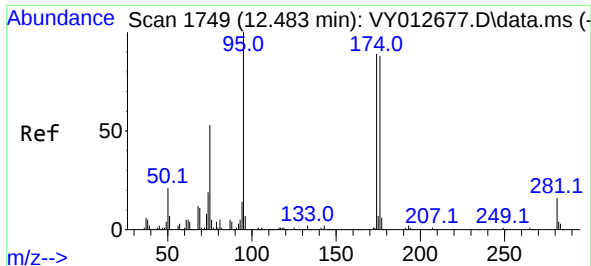
Tgt Ion:117 Resp: 12648
Ion Ratio Lower Upper
117 100
119 4.5 75.5 113.3#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 56.946 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

Tgt Ion: 98 Resp: 320337
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8

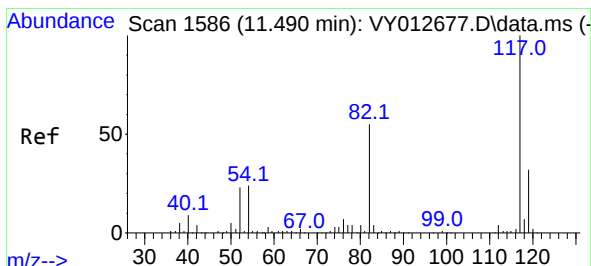
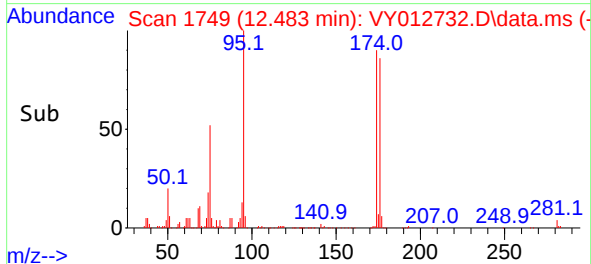
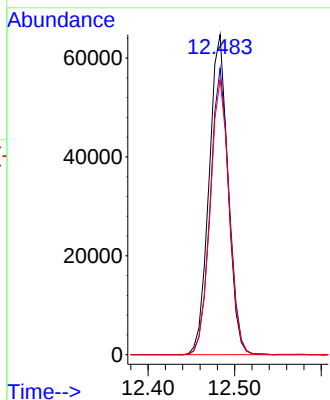
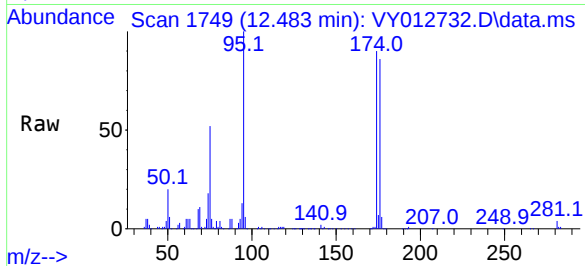




#62
4-Bromofluorobenzene
Concen: 54.502 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

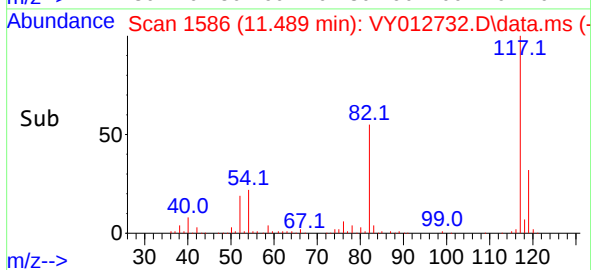
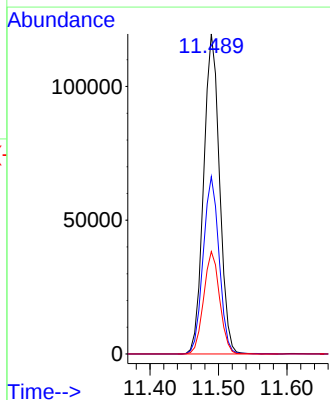
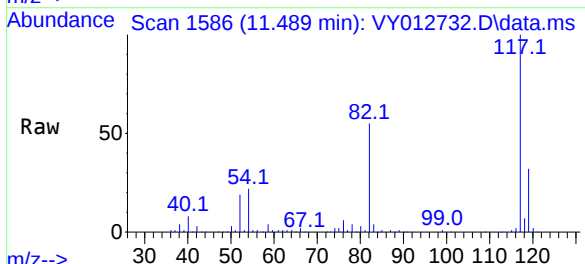
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB02

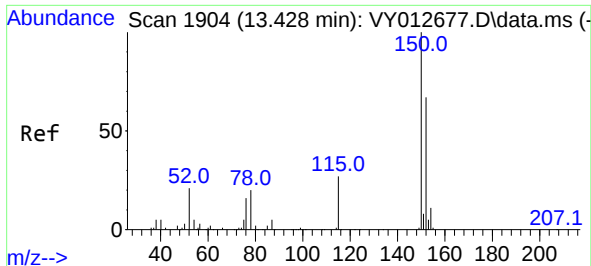
Tgt Ion:	95	Resp:	98109
Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	172.8
176	86.1	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

Tgt Ion:	117	Resp:	193136
Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.1	66.1
119	32.0	25.5	38.3

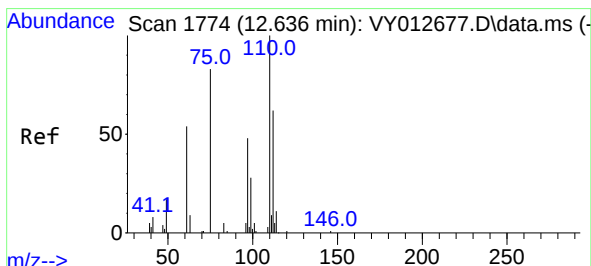
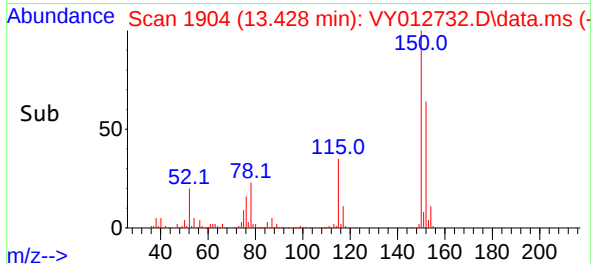
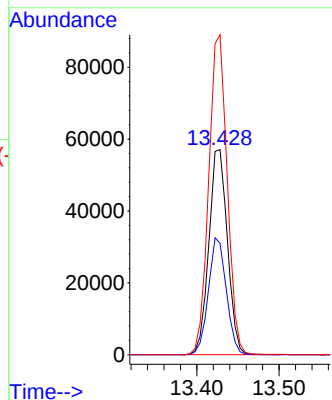
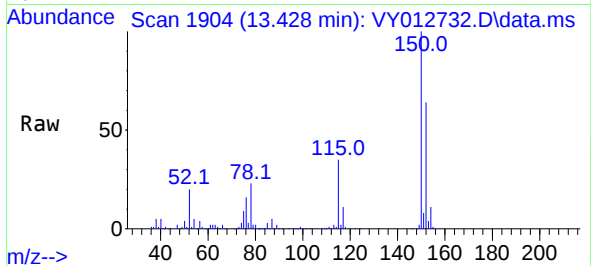




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

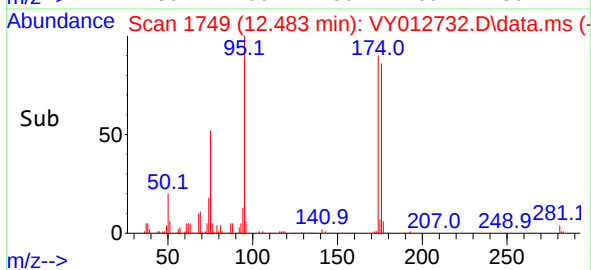
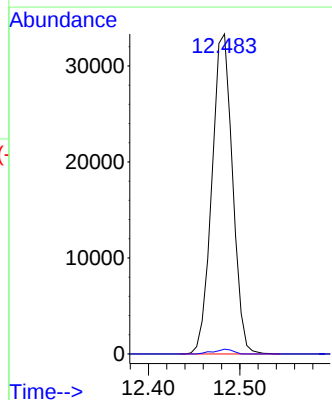
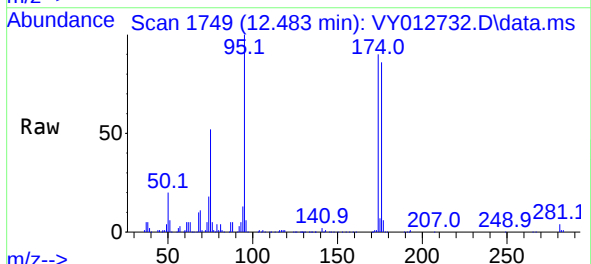
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB02

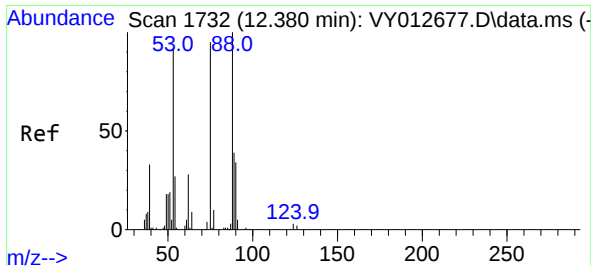
Tgt Ion:152 Resp: 89558
Ion Ratio Lower Upper
152 100
115 55.1 28.7 86.3
150 155.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012732.D
Acq: 27 Feb 2023 13:15

Tgt Ion: 75 Resp: 52228
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.100 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012732.D
 Acq: 27 Feb 2023 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-17-SB02

Tgt Ion: 75 Resp: 52228
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.4 120.6#
 89 0.0 36.5 54.7#

