

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012684.D
 Acq On : 22 Feb 2023 10:52
 Operator : KP/MD
 Sample : VY0222SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBL01

Quant Time: Feb 22 14:05:00 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	7.795	168	100612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	143484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62777	52.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.660%
35) Dibromofluoromethane	7.722	113	55053	49.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.480%
50) Toluene-d8	10.179	98	202326	48.307	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.483	95	63715	47.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.080%

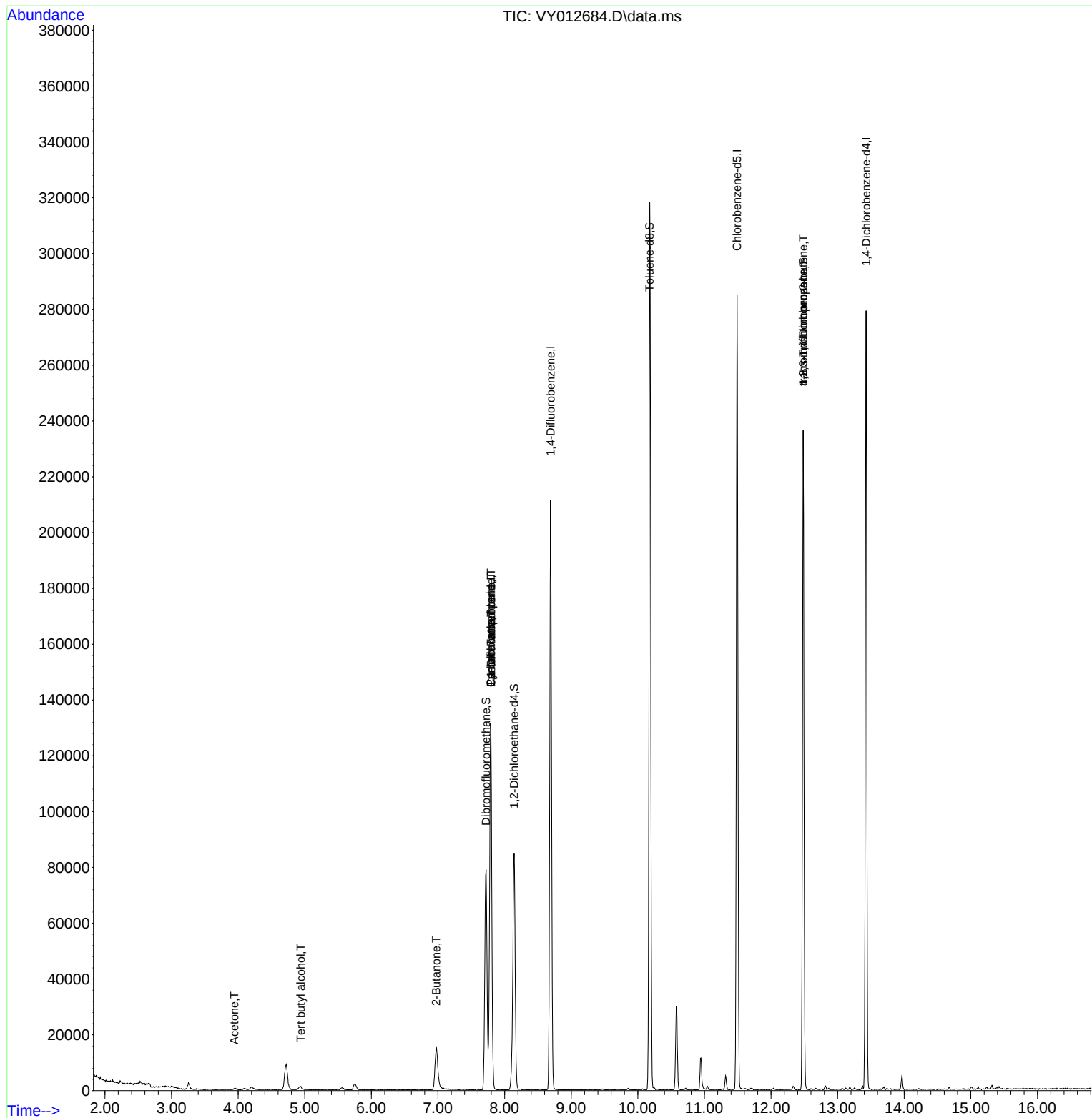
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	661	Below Cal		91
11) Tert butyl alcohol	4.942	59	1433	11.024	ug/l #	74
16) Acetone	3.942	43	442	1.140	ug/l #	81
20) Methylene Chloride	4.722	84	6531	Below Cal		94
25) 2-Butanone	6.972	43	1166	2.266	ug/l #	52
31) Cyclohexane	7.795	56	2722	1.319	ug/l #	39
36) 1,1-Dichloropropene	7.795	75	8209	4.632	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9823	5.361	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	35375	42.255	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35375	89.516	ug/l #	9

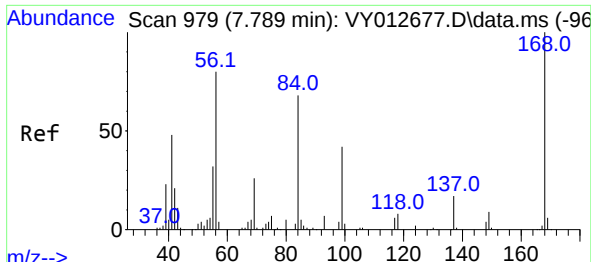
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

Quant Time: Feb 22 14:05:00 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

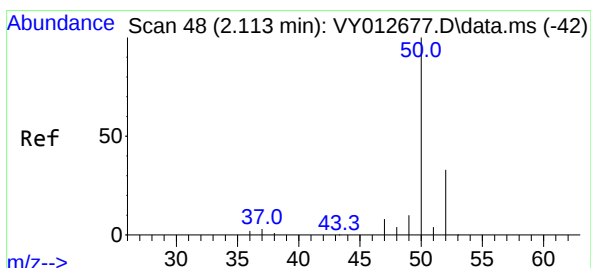
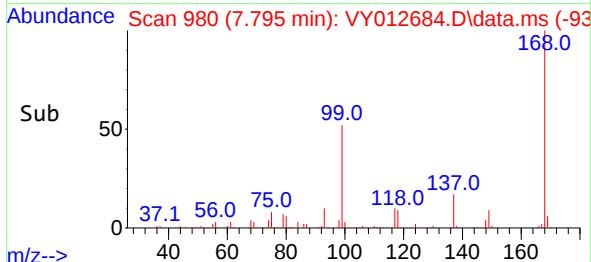
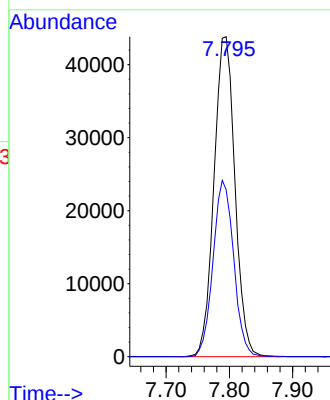
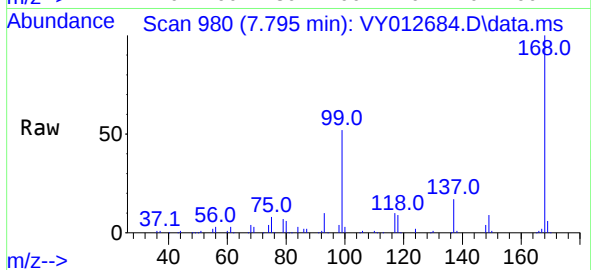




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

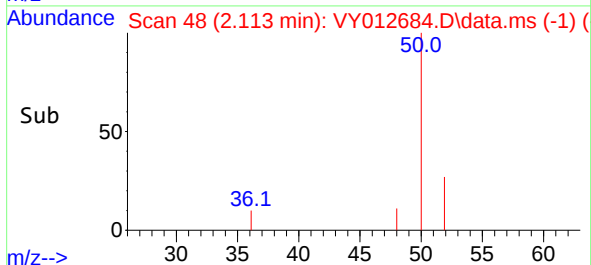
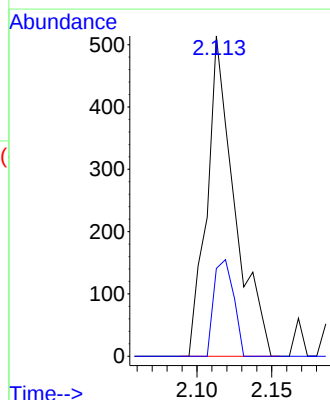
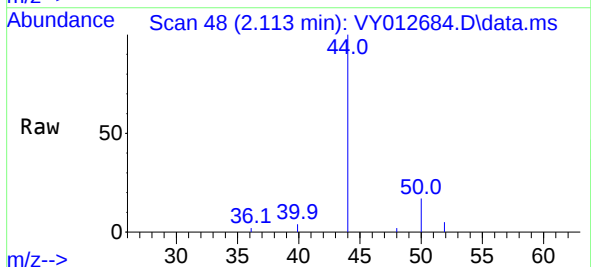
Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

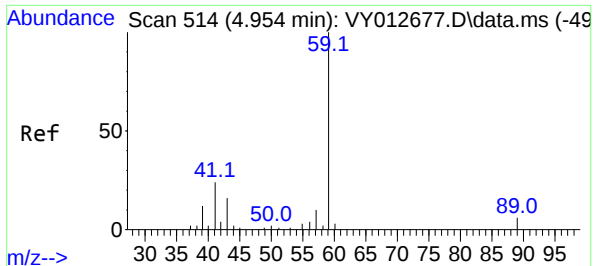
Tgt Ion:168 Resp: 100612
Ion Ratio Lower Upper
168 100
99 52.2 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

Tgt Ion: 50 Resp: 661
Ion Ratio Lower Upper
50 100
52 27.4 26.1 39.1

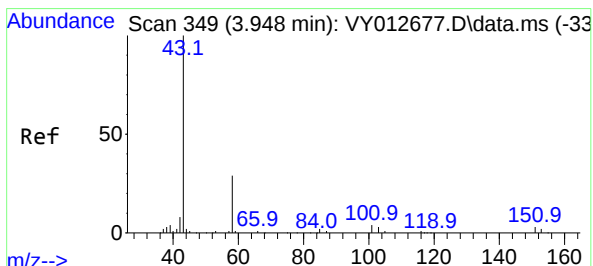
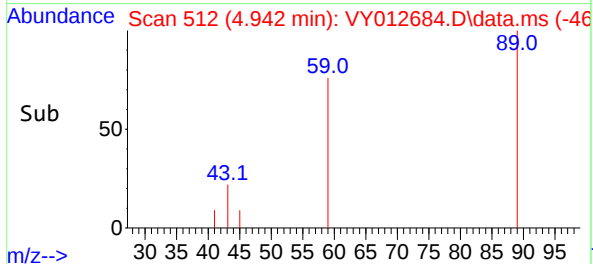
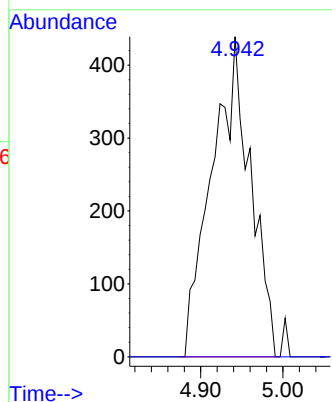
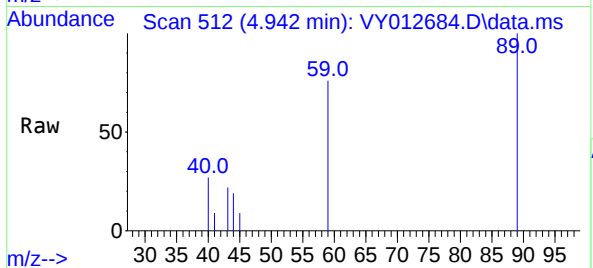




#11
Tert butyl alcohol
Concen: 11.024 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

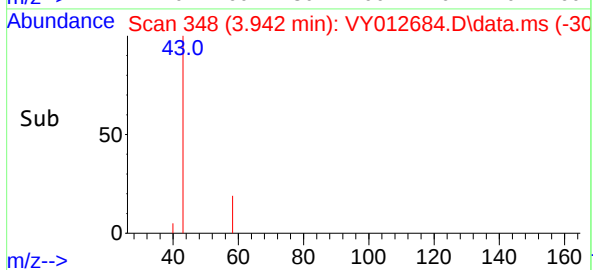
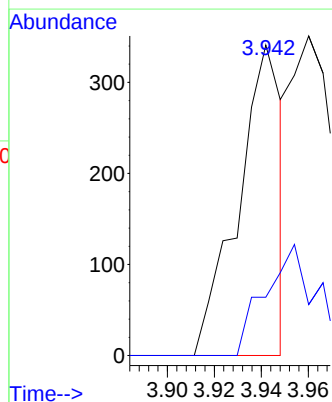
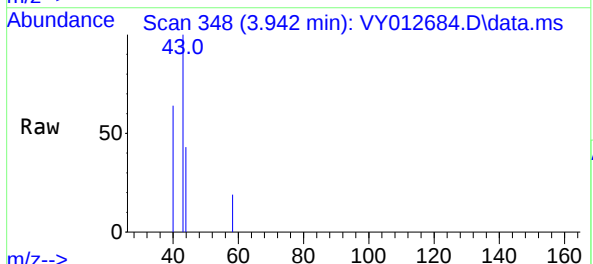
Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

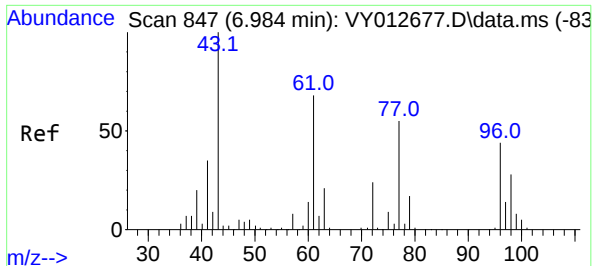
Tgt Ion: 59 Resp: 1433
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 1.140 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
58 18.8 23.3 34.9#





#25

2-Butanone

Concen: 2.266 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012684.D

Acq: 22 Feb 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

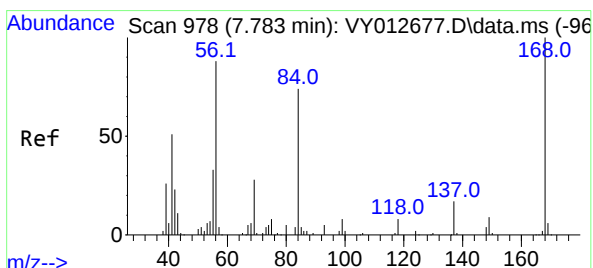
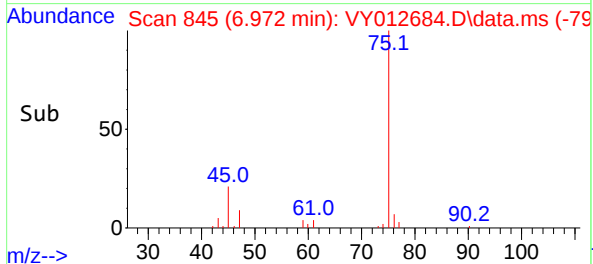
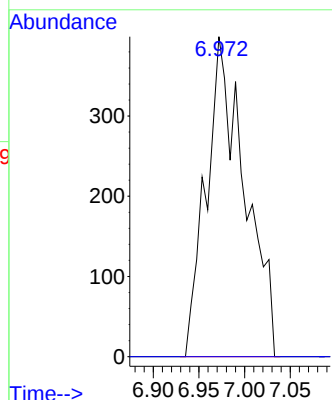
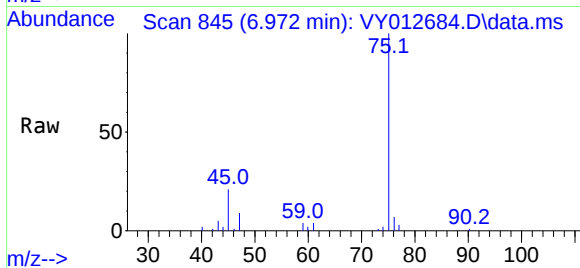
VY0222SBL01

Tgt Ion: 43 Resp: 1166

Ion Ratio Lower Upper

43 100

72 0.0 18.8 28.2#



#31

Cyclohexane

Concen: 1.319 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY012684.D

Acq: 22 Feb 2023 10:52

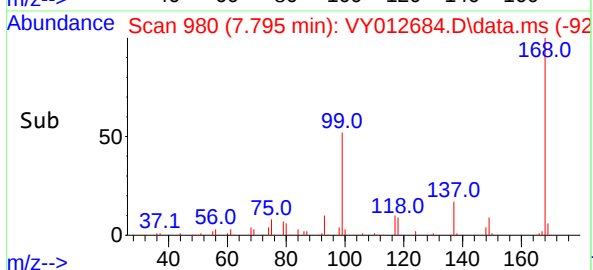
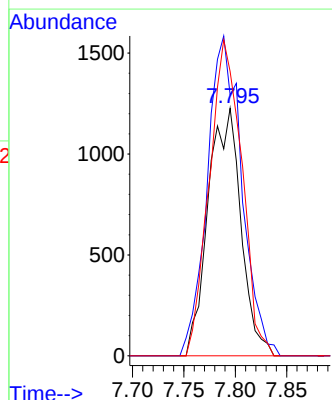
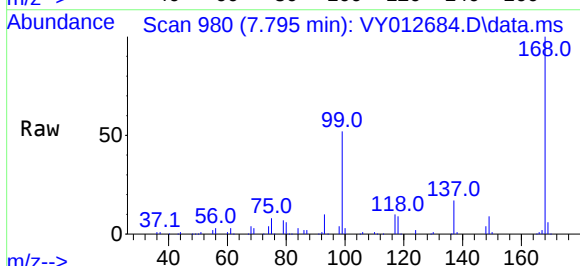
Tgt Ion: 56 Resp: 2722

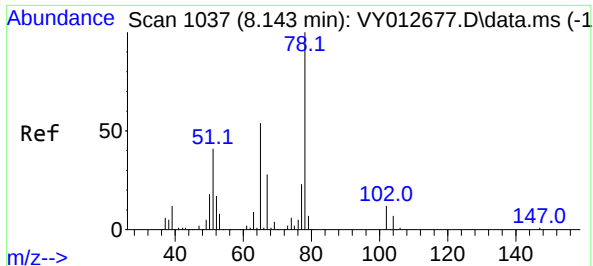
Ion Ratio Lower Upper

56 100

69 105.4 25.4 38.2#

84 114.8 67.3 100.9#





#33

1,2-Dichloroethane-d4

Concen: 52.830 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012684.D

Acq: 22 Feb 2023 10:52

Instrument :

MSVOA_Y

ClientSampleId :

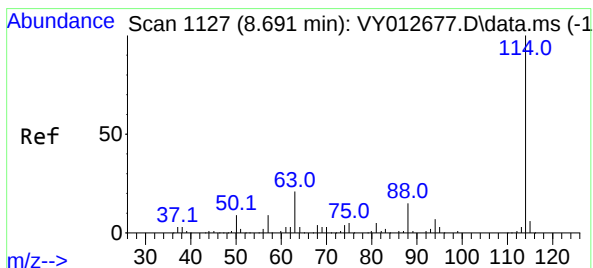
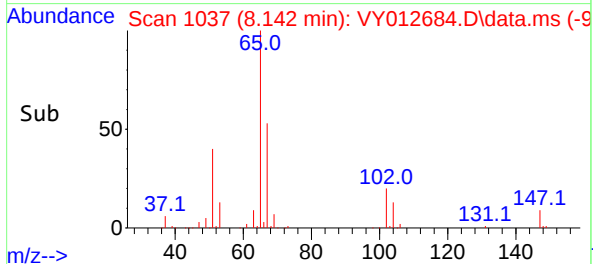
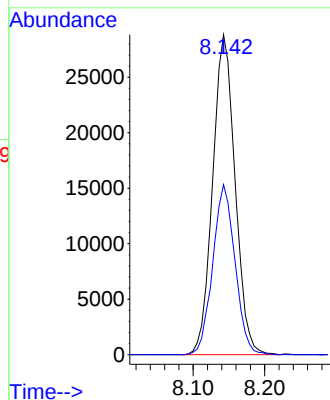
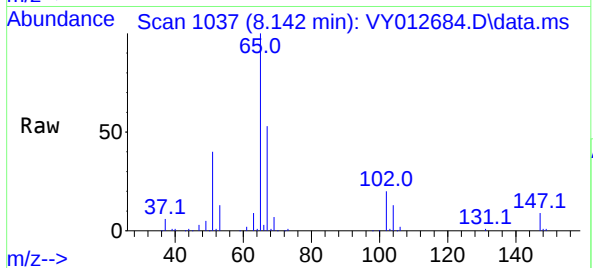
VY0222SBL01

Tgt Ion: 65 Resp: 62777

Ion Ratio Lower Upper

65 100

67 52.7 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: VY012684.D

Acq: 22 Feb 2023 10:52

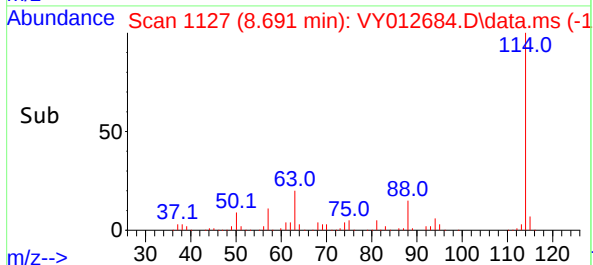
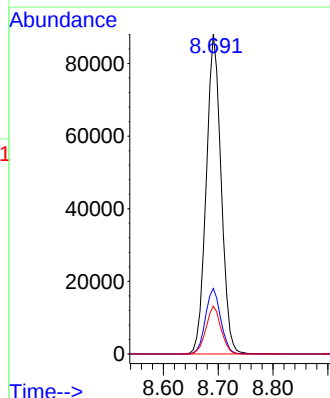
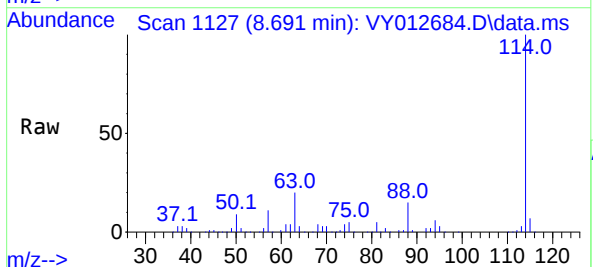
Tgt Ion: 114 Resp: 165517

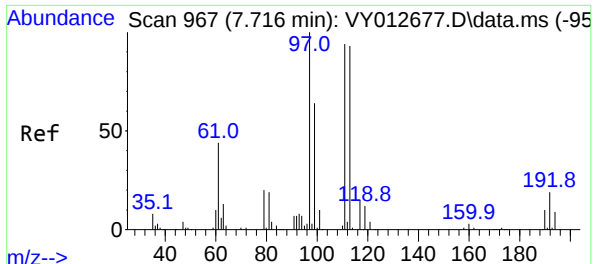
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 15.0 0.0 29.6

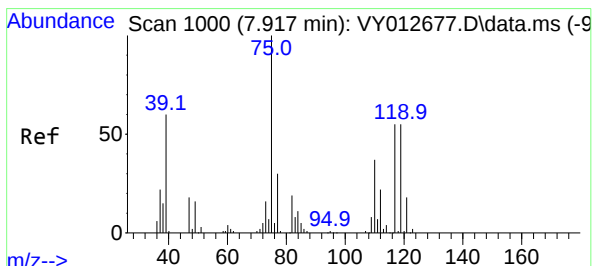
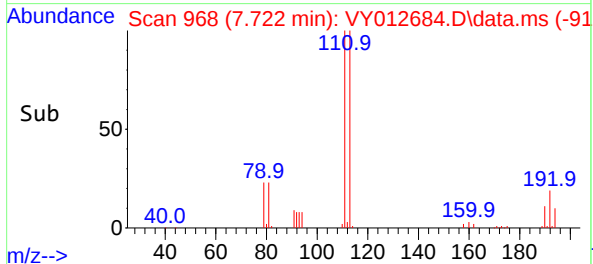
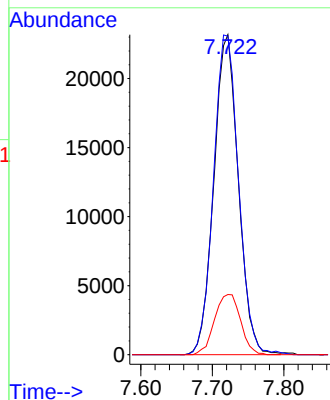
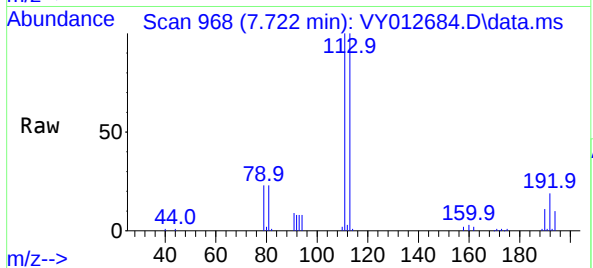




#35
Dibromofluoromethane
Concen: 49.244 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

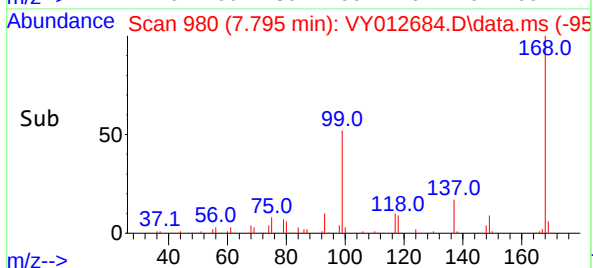
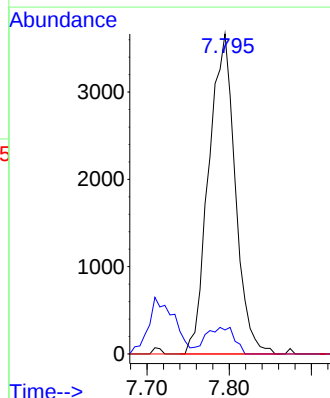
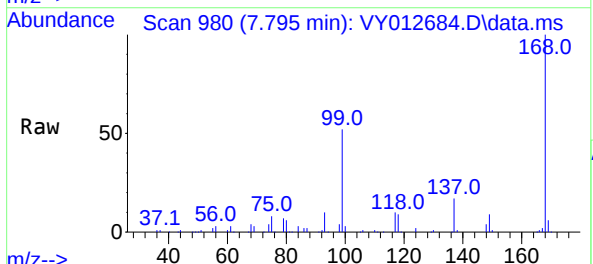
Instrument :
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VY0222SBL01

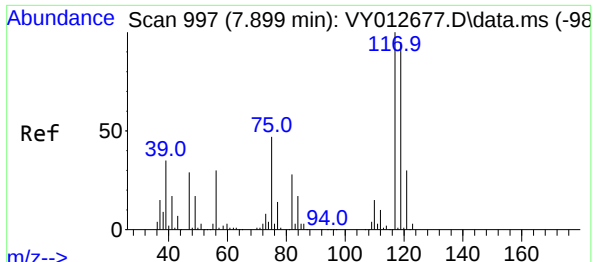
Tgt Ion:113 Resp: 55053
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 20.0 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.632 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

Tgt Ion: 75 Resp: 8209
Ion Ratio Lower Upper
75 100
110 9.1 17.6 52.8#
77 0.0 24.6 37.0#

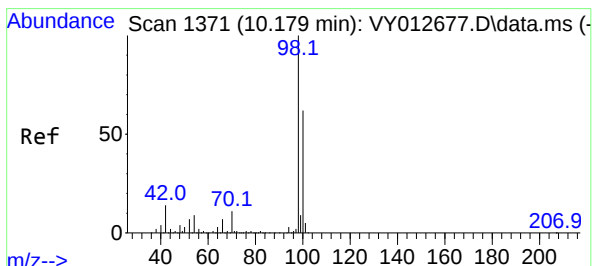
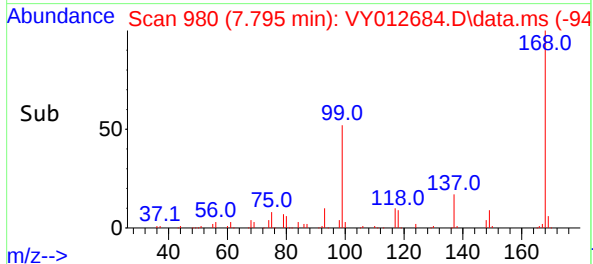
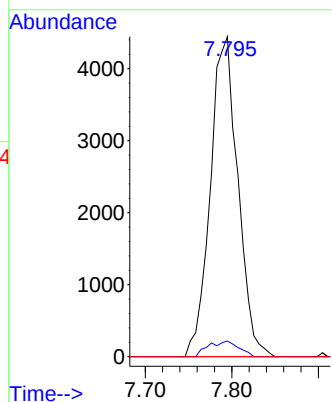
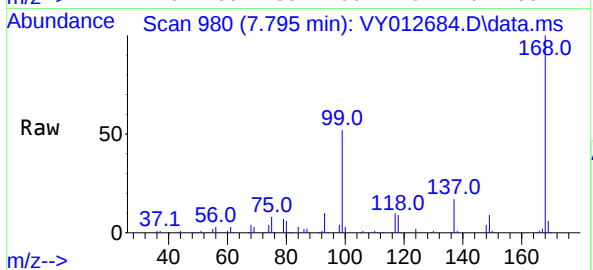




#38
Carbon Tetrachloride
Concen: 5.361 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

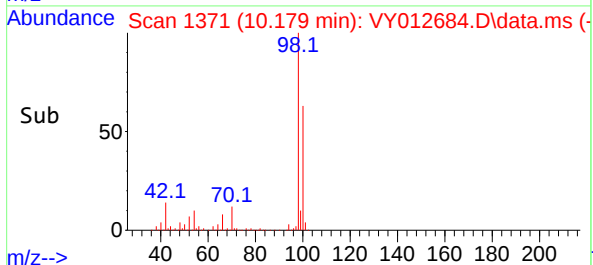
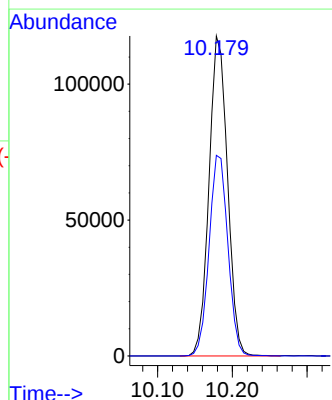
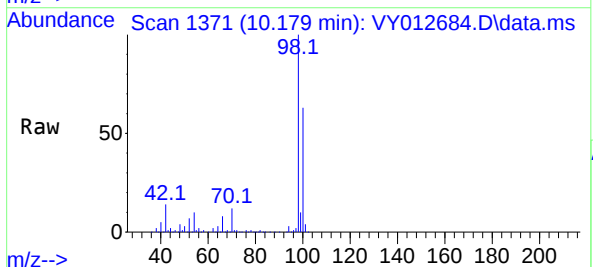
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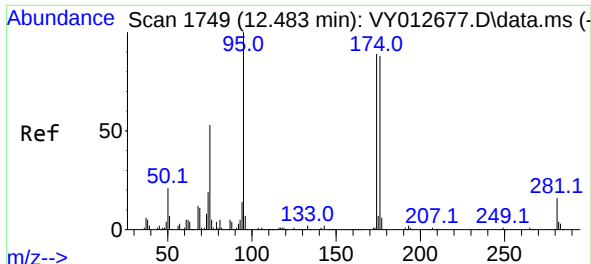
Tgt Ion:117 Resp: 9823
Ion Ratio Lower Upper
117 100
119 4.9 75.5 113.3#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 48.307 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

Tgt Ion: 98 Resp: 202326
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8

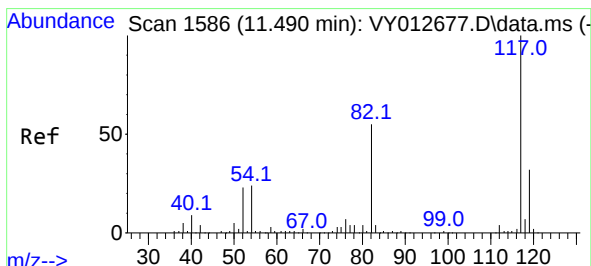
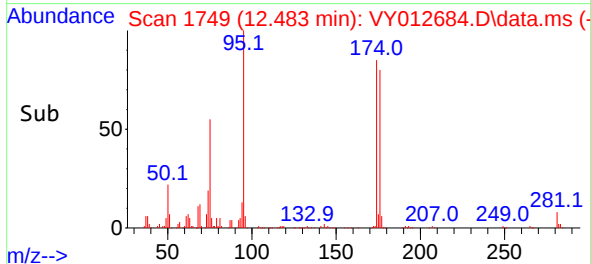
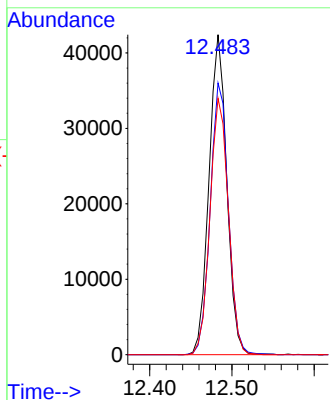
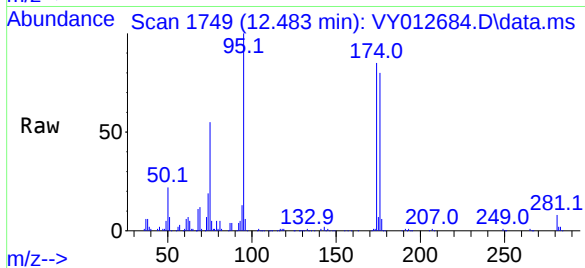




#62
4-Bromofluorobenzene
Concen: 47.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

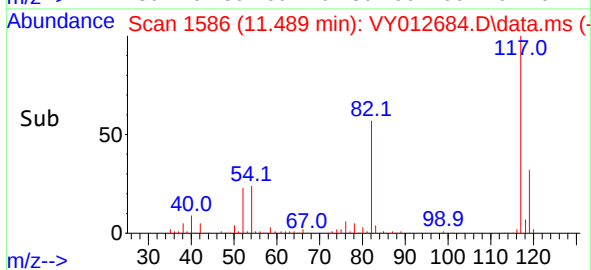
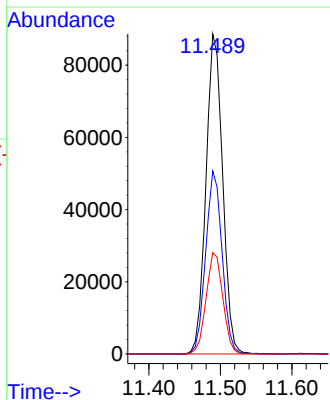
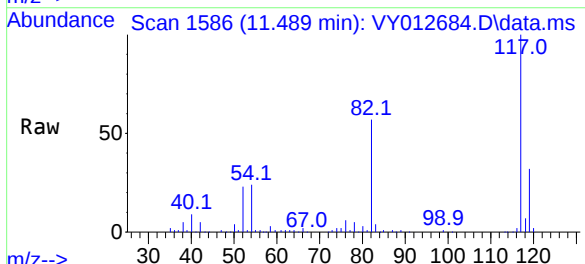
Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

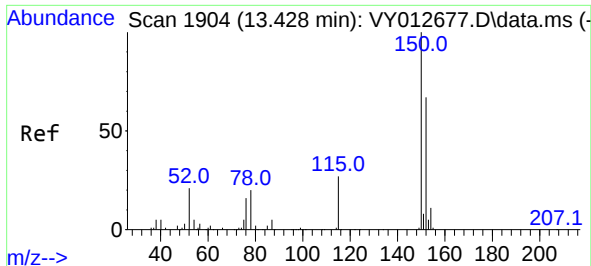
Tgt Ion:	95	Resp:	63715
Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	172.8
176	82.9	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

Tgt Ion:	117	Resp:	143484
Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.1	66.1
119	31.6	25.5	38.3

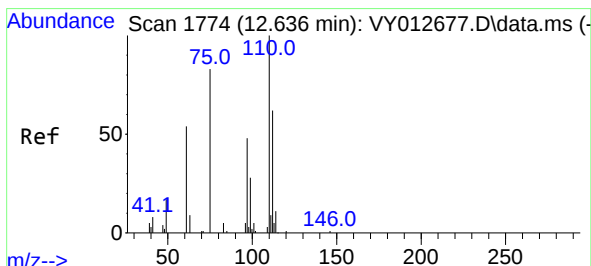
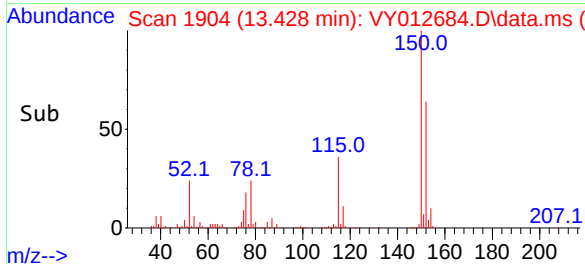
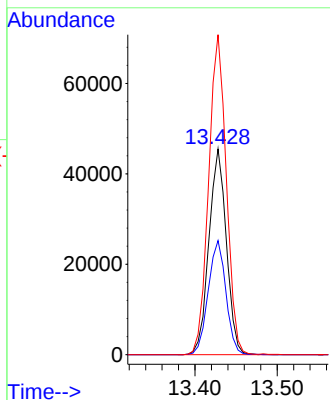
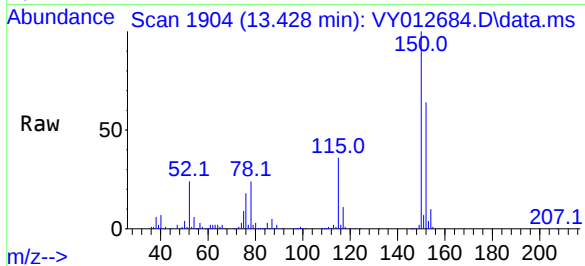




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

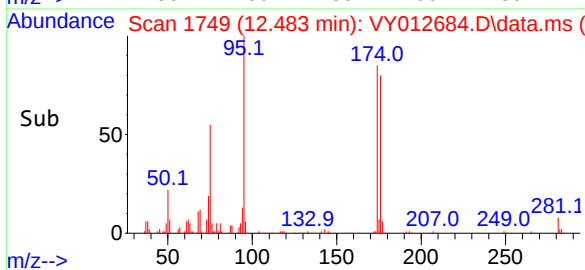
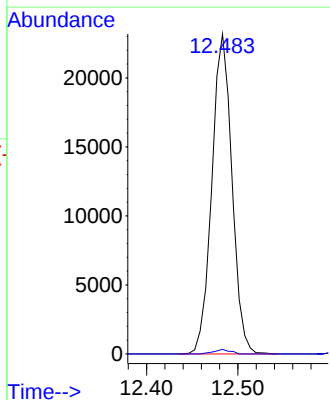
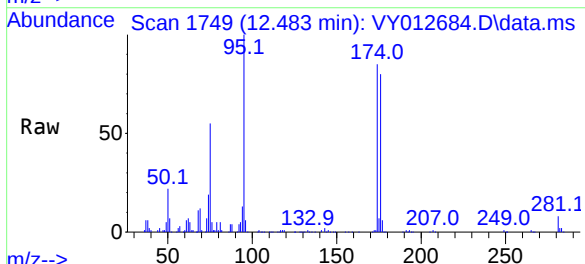
Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

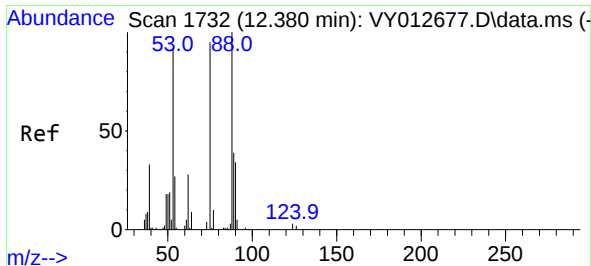
Tgt Ion:152 Resp: 67154
Ion Ratio Lower Upper
152 100
115 56.3 28.7 86.3
150 157.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 42.255 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

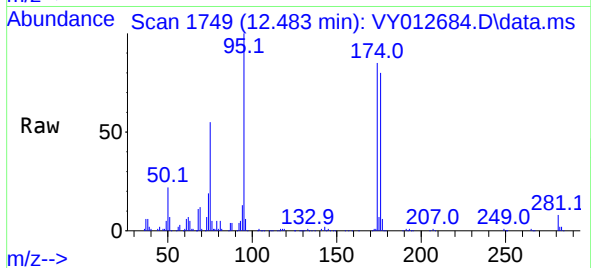
Tgt Ion: 75 Resp: 35375
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.516 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY012684.D
Acq: 22 Feb 2023 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01



Tgt Ion: 75 Resp: 35375
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.1 36.5 54.7#

