

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
 Data File : VY012742.D
 Acq On : 01 Mar 2023 11:32
 Operator : KP/MD
 Sample : VY0301SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBL01

Quant Time: Mar 02 02:02:21 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)

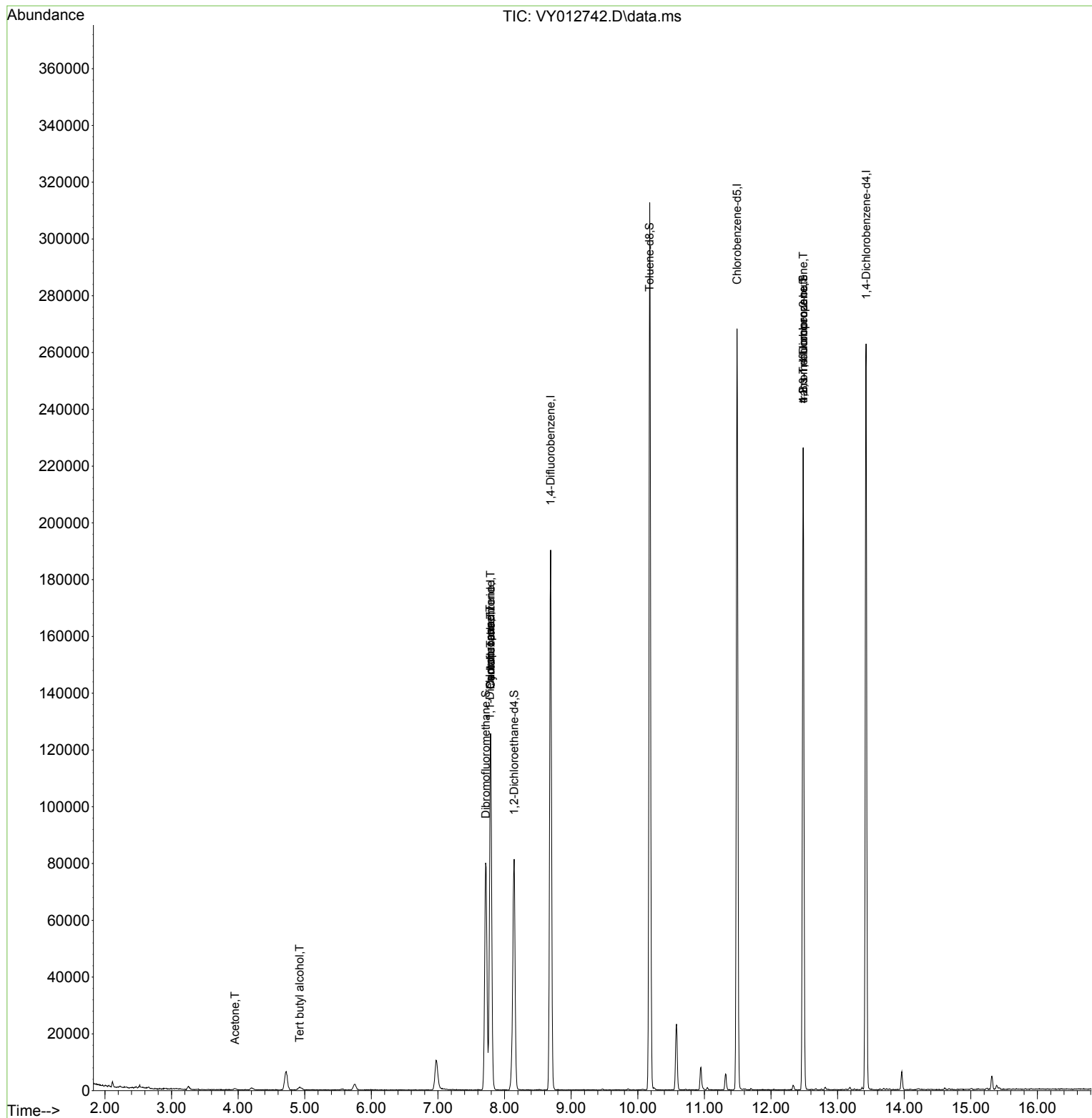
Internal Standards						
1) Pentafluorobenzene	7.789	168	98683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	161605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59130	50.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.460%	
35) Dibromofluoromethane	7.716	113	57394	52.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.160%	
50) Toluene-d8	10.179	98	197122	48.204	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	12.483	95	61595	47.069	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1748	Below Cal	#	84
11) Tert butyl alcohol	4.924	59	641	5.028	ug/l #	74
16) Acetone	3.954	43	896	2.356	ug/l	96
20) Methylene Chloride	4.723	84	4844	Below Cal		85
31) Cyclohexane	7.789	56	2141	1.057	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7264	4.198	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9813	5.485	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	32475	38.900	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32475	82.409	ug/l #	9

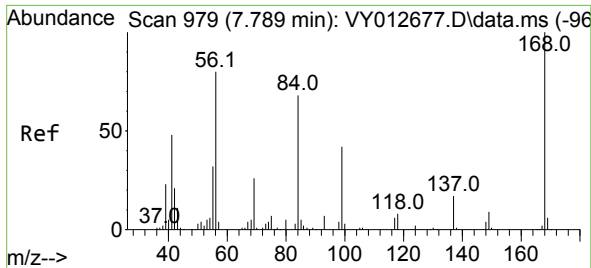
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 02 02:02:21 2023
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QLast Update : Wed Feb 22 01:21:05 2023
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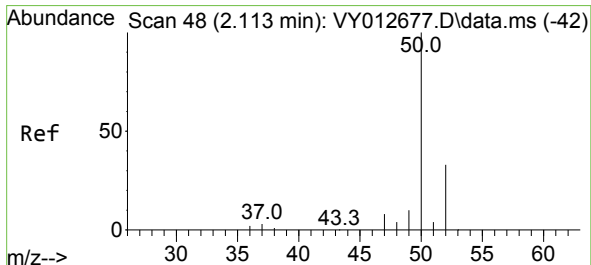
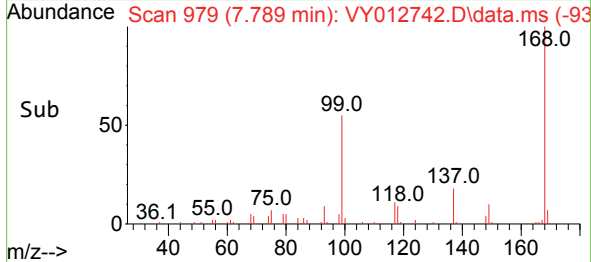
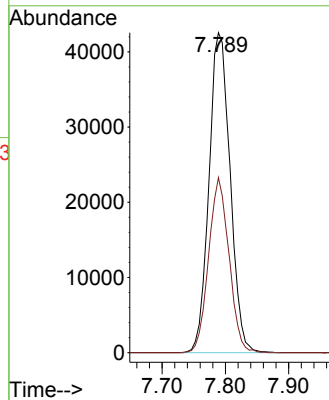
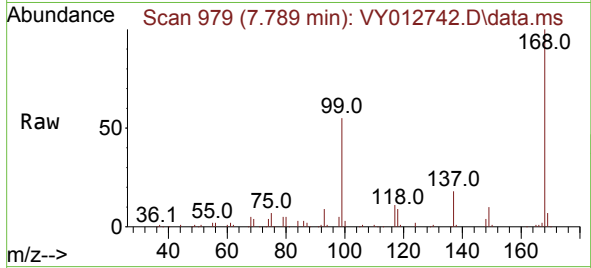




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012742.D
Acq: 01 Mar 2023 11:32

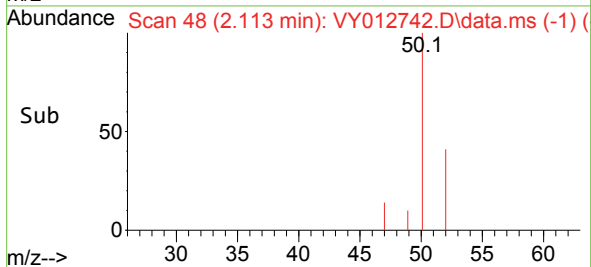
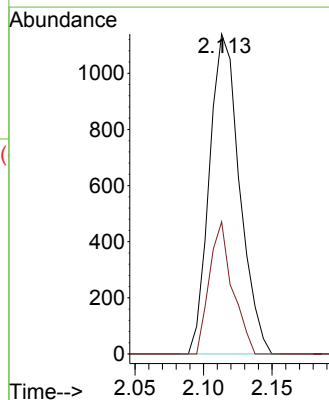
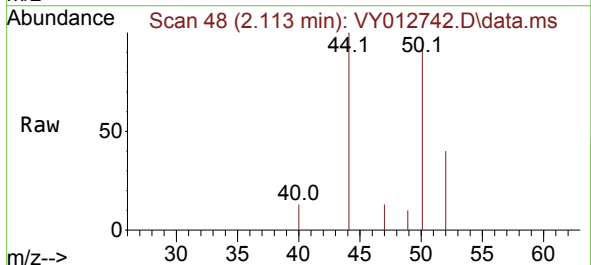
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBL01

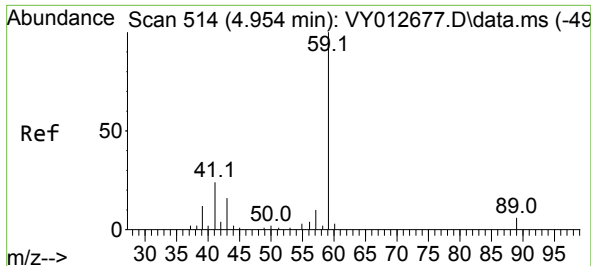
Tgt Ion:168 Resp: 98683
Ion Ratio Lower Upper
168 100
99 54.7 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012742.D
Acq: 01 Mar 2023 11:32

Tgt Ion: 50 Resp: 1748
Ion Ratio Lower Upper
50 100
52 41.3 26.1 39.1#





#11

Tert butyl alcohol

Concen: 5.028 ug/l

RT: 4.924 min Scan# 50

Delta R.T. -0.030 min

Lab File: VY012742.D

Acq: 01 Mar 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

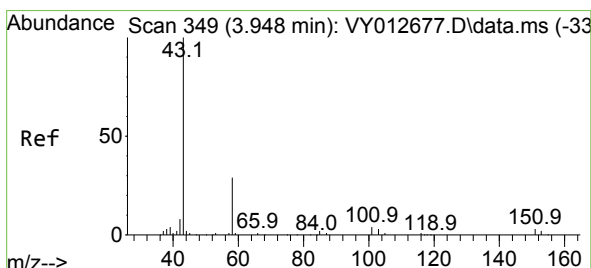
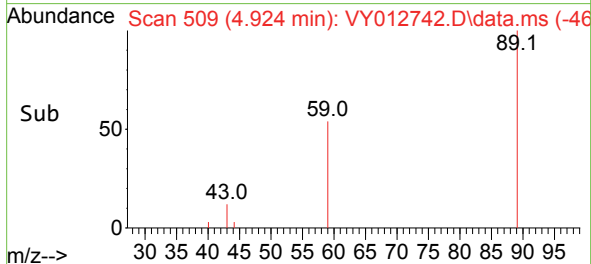
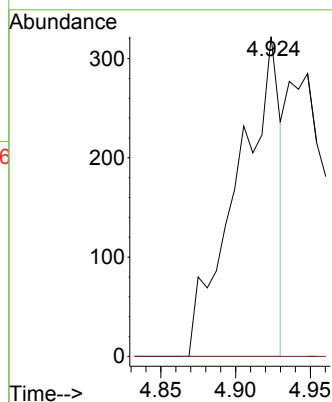
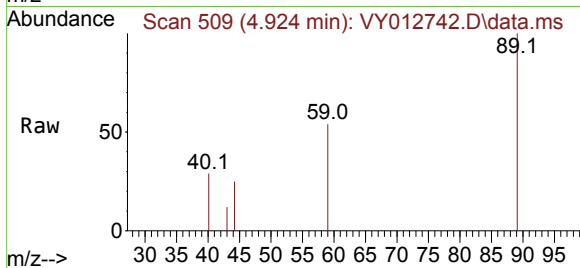
VY0301SBL01

Tgt Ion: 59 Resp: 641

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 2.356 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY012742.D

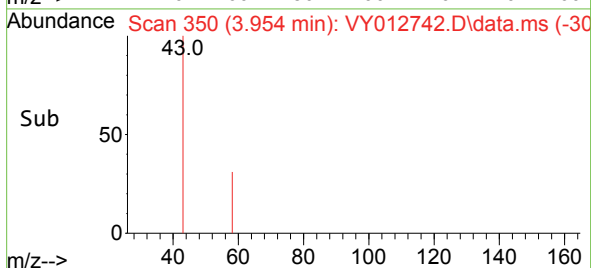
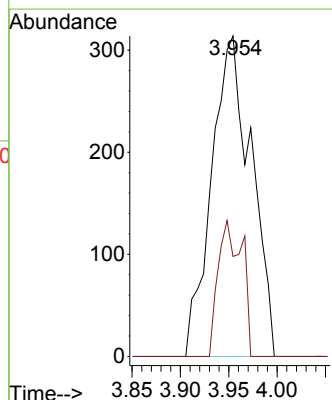
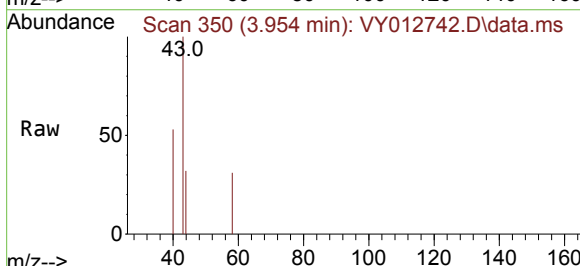
Acq: 01 Mar 2023 11:32

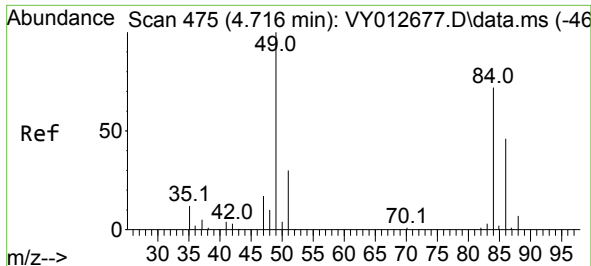
Tgt Ion: 43 Resp: 896

Ion Ratio Lower Upper

43 100

58 31.2 23.3 34.9





#20

Methylene Chloride

Concen: Below Cal

RT: 4.723 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY012742.D

Acq: 01 Mar 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBL01

Tgt Ion: 84 Resp: 4844

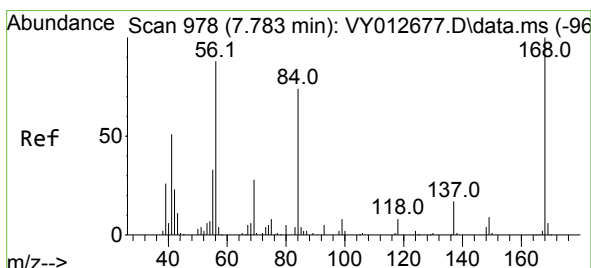
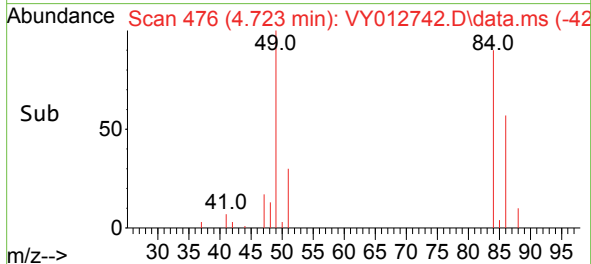
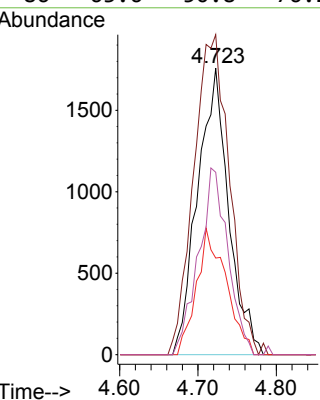
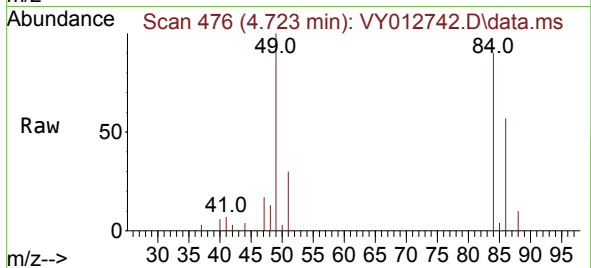
Ion Ratio Lower Upper

84 100

49 111.7 111.1 166.7

51 33.7 33.5 50.3

86 63.6 50.8 76.2



#31

Cyclohexane

Concen: 1.057 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012742.D

Acq: 01 Mar 2023 11:32

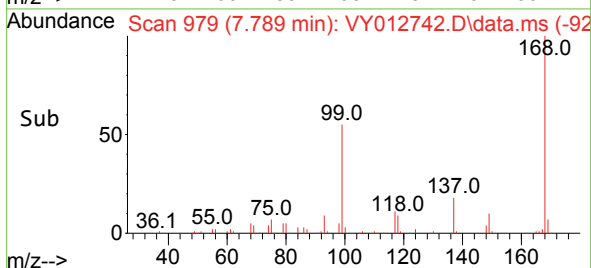
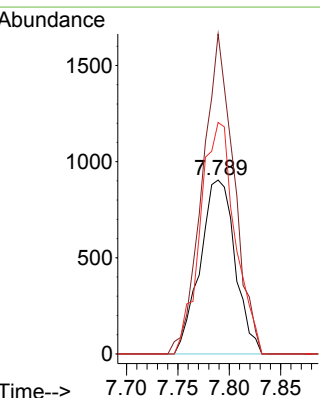
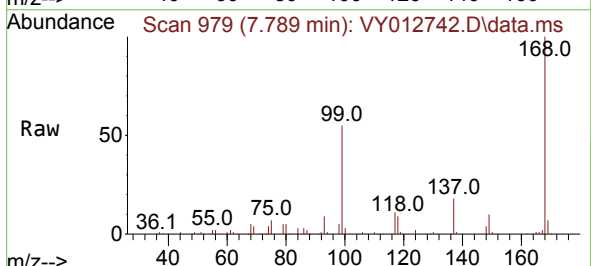
Tgt Ion: 56 Resp: 2141

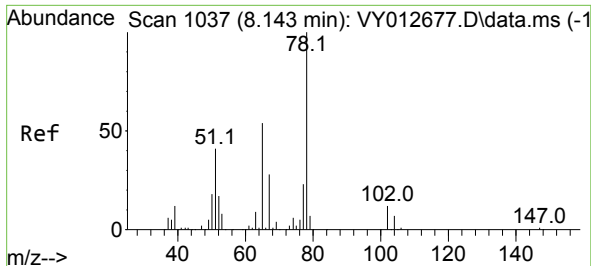
Ion Ratio Lower Upper

56 100

69 184.1 25.4 38.2#

84 133.2 67.3 100.9#





#33

1,2-Dichloroethane-d4

Concen: 50.734 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012742.D

Acq: 01 Mar 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

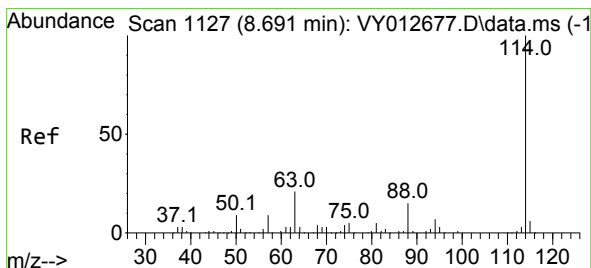
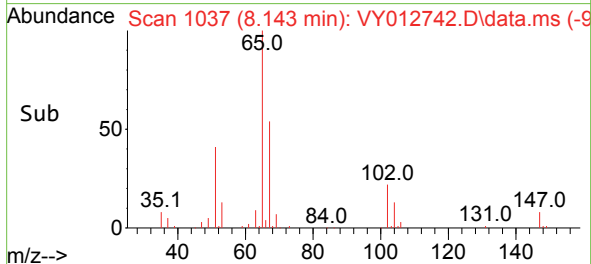
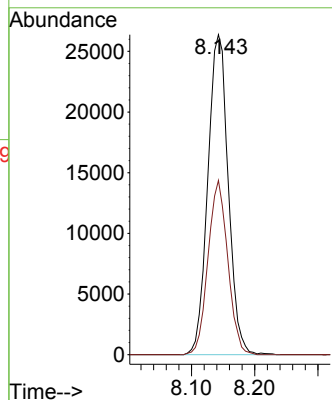
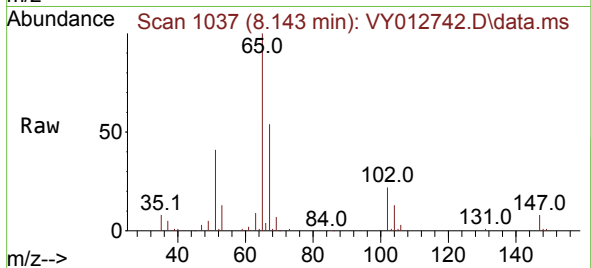
VY0301SBL01

Tgt Ion: 65 Resp: 59130

Ion Ratio Lower Upper

65 100

67 52.6 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: VY012742.D

Acq: 01 Mar 2023 11:32

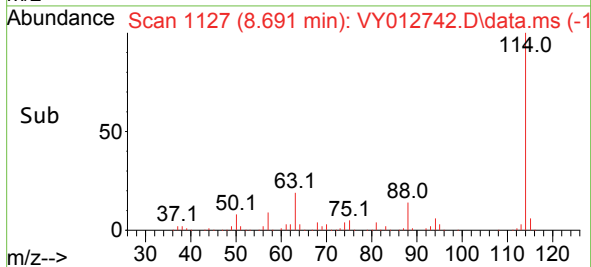
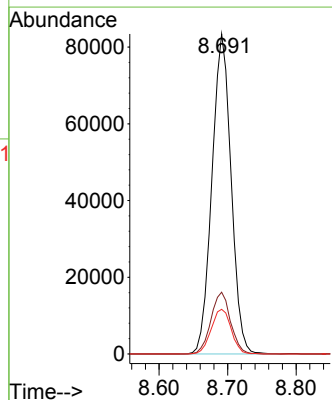
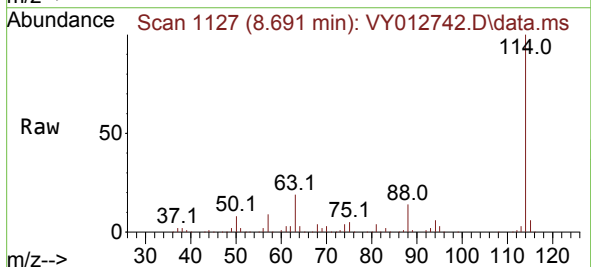
Tgt Ion: 114 Resp: 161605

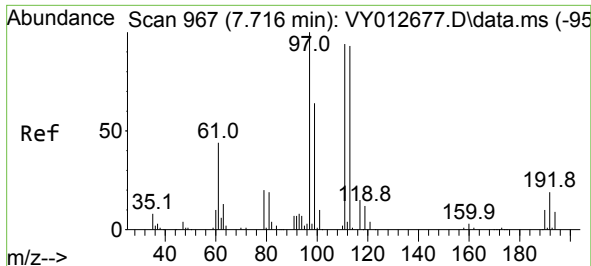
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

88 13.9 0.0 29.6

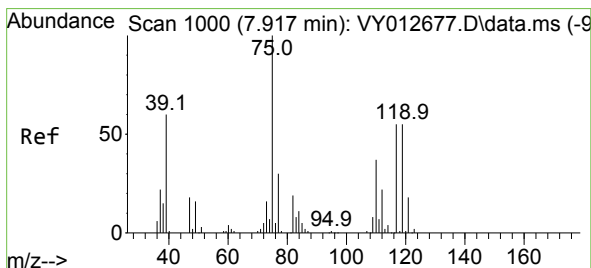
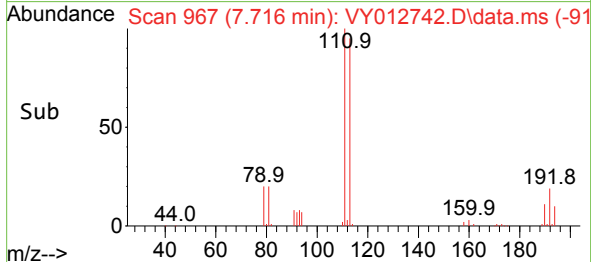
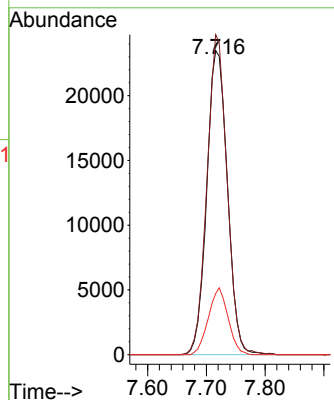
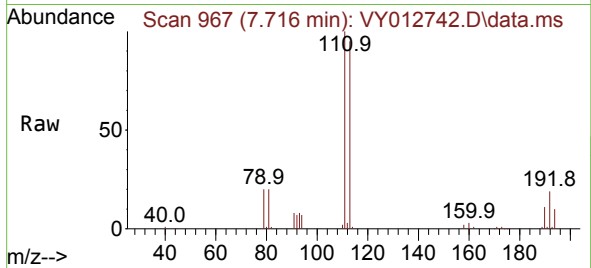




#35
Dibromofluoromethane
Concen: 52.581 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012742.D
Acq: 01 Mar 2023 11:32

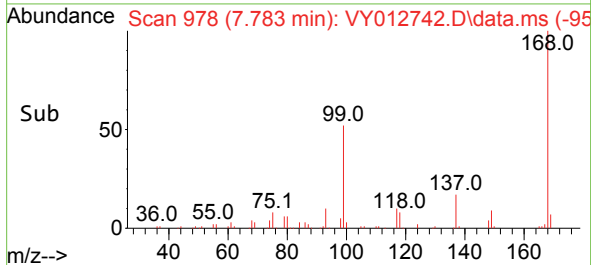
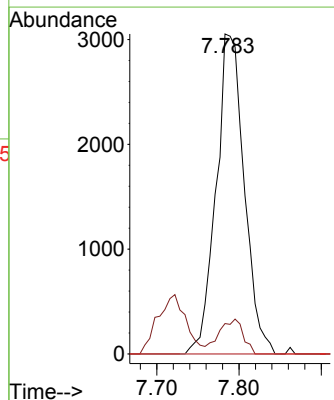
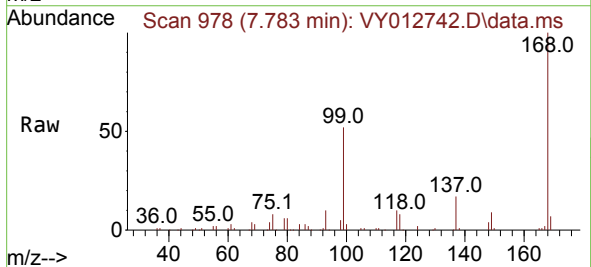
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBL01

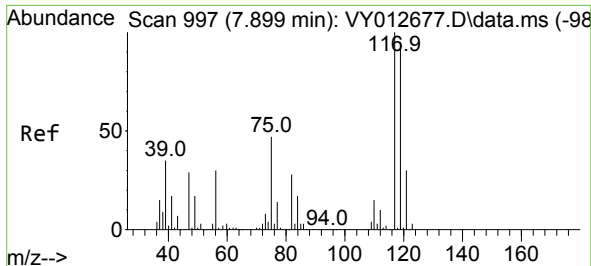
Tgt Ion:113 Resp: 57394
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 21.0 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.198 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012742.D
Acq: 01 Mar 2023 11:32

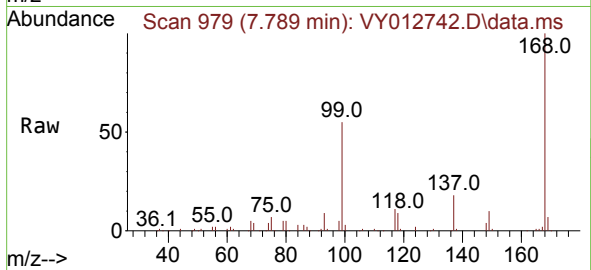
Tgt Ion: 75 Resp: 7264
Ion Ratio Lower Upper
75 100
110 9.3 17.6 52.8#
77 0.0 24.6 37.0#



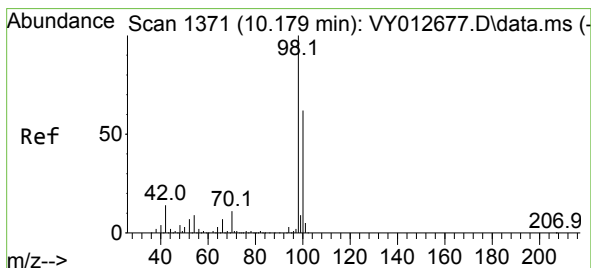
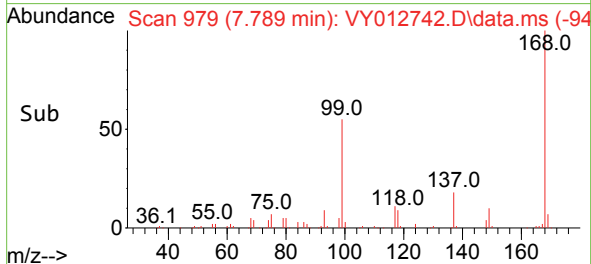
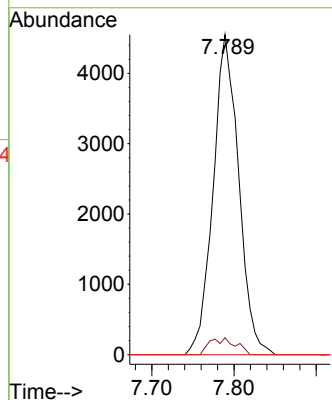


#38
Carbon Tetrachloride
Concen: 5.485 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012742.D
Acq: 01 Mar 2023 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBL01

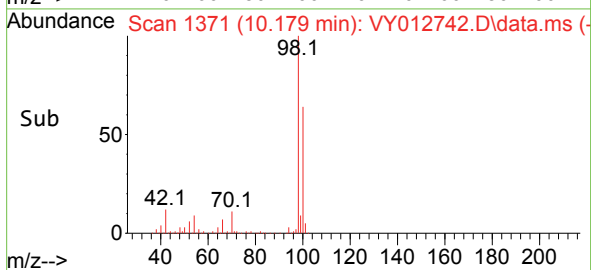
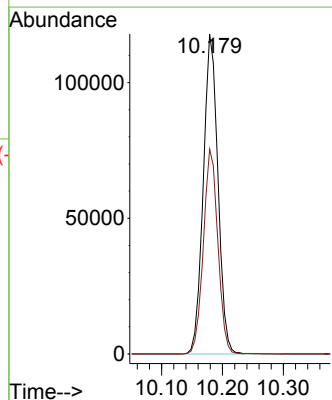
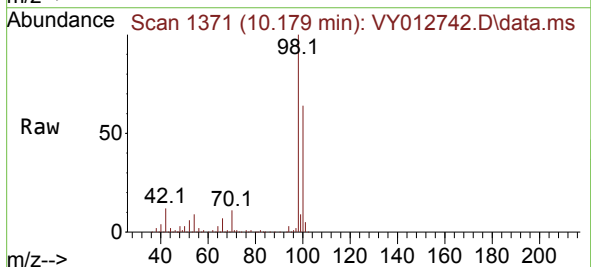


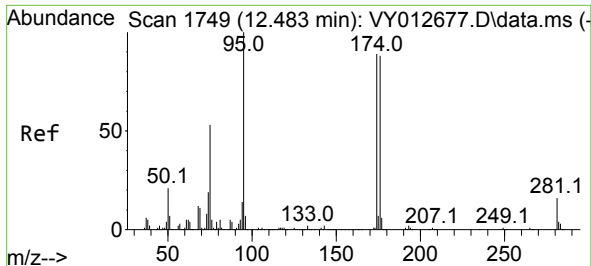
Tgt Ion:117 Resp: 9813
Ion Ratio Lower Upper
117 100
119 5.3 75.5 113.3#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 48.204 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012742.D
Acq: 01 Mar 2023 11:32

Tgt Ion: 98 Resp: 197122
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8

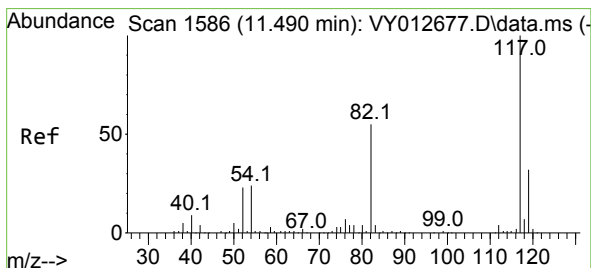
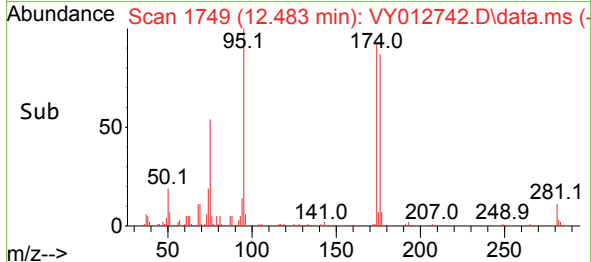
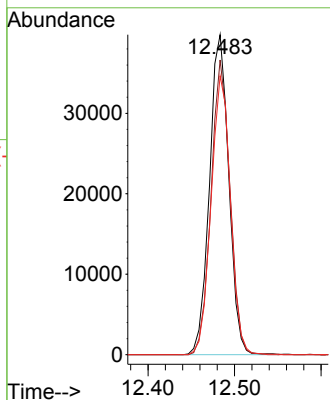
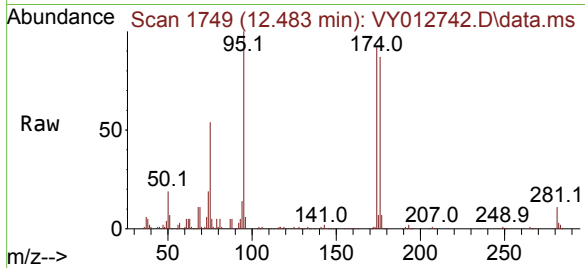




#62
4-Bromofluorobenzene
Concen: 47.069 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012742.D
Acq: 01 Mar 2023 11:32

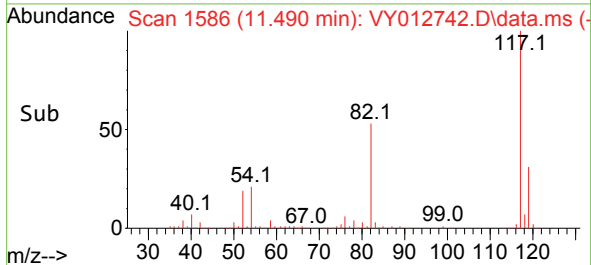
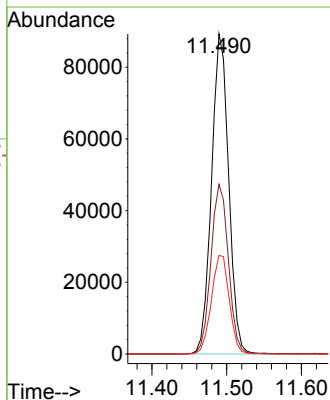
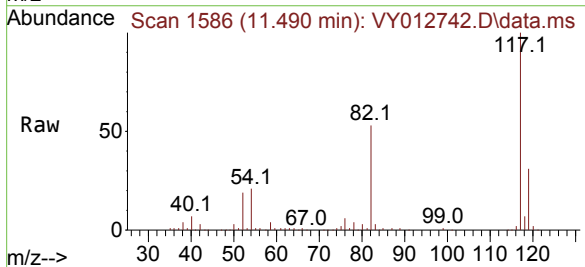
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBL01

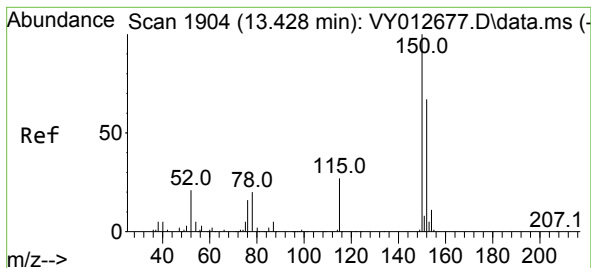
Tgt Ion: 95 Resp: 61595
Ion Ratio Lower Upper
95 100
174 90.5 0.0 172.8
176 87.4 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012742.D
Acq: 01 Mar 2023 11:32

Tgt Ion: 117 Resp: 142047
Ion Ratio Lower Upper
117 100
82 53.0 44.1 66.1
119 30.8 25.5 38.3

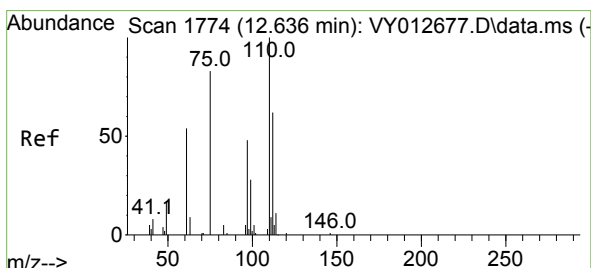
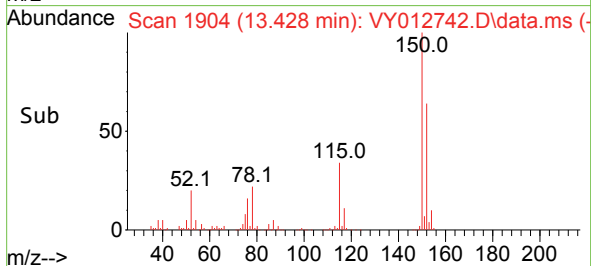
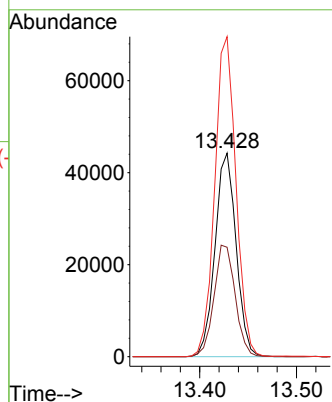
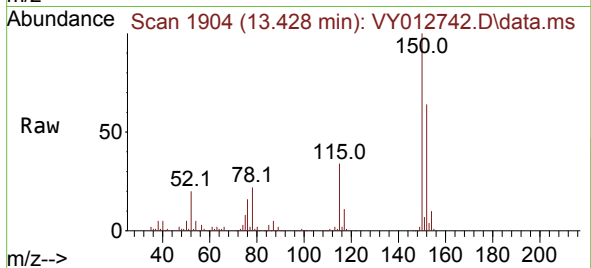




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012742.D
 Acq: 01 Mar 2023 11:32

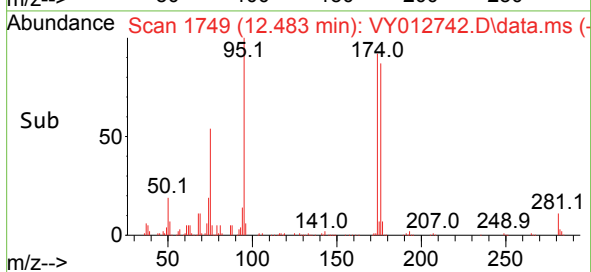
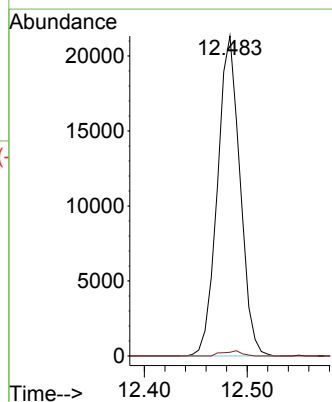
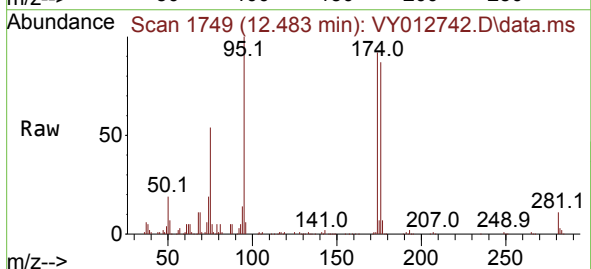
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBL01

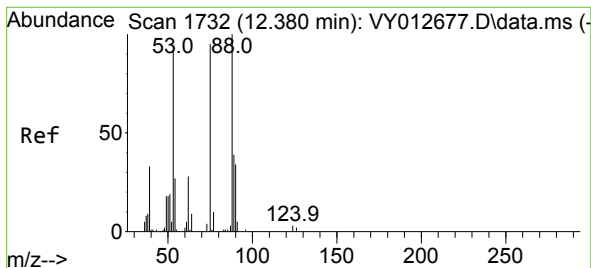
Tgt Ion:152 Resp: 66965
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.7 86.3
 150 157.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.900 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012742.D
 Acq: 01 Mar 2023 11:32

Tgt Ion: 75 Resp: 32475
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.409 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012742.D
 Acq: 01 Mar 2023 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBL01

Tgt Ion: 75 Resp: 32475
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.4 120.6#
 89 0.0 36.5 54.7#

