

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012419.D
 Acq On : 31 Jan 2023 14:48
 Operator : KP/MD
 Sample : 01352-01
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-WC

Quant Time: Feb 01 01:24:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

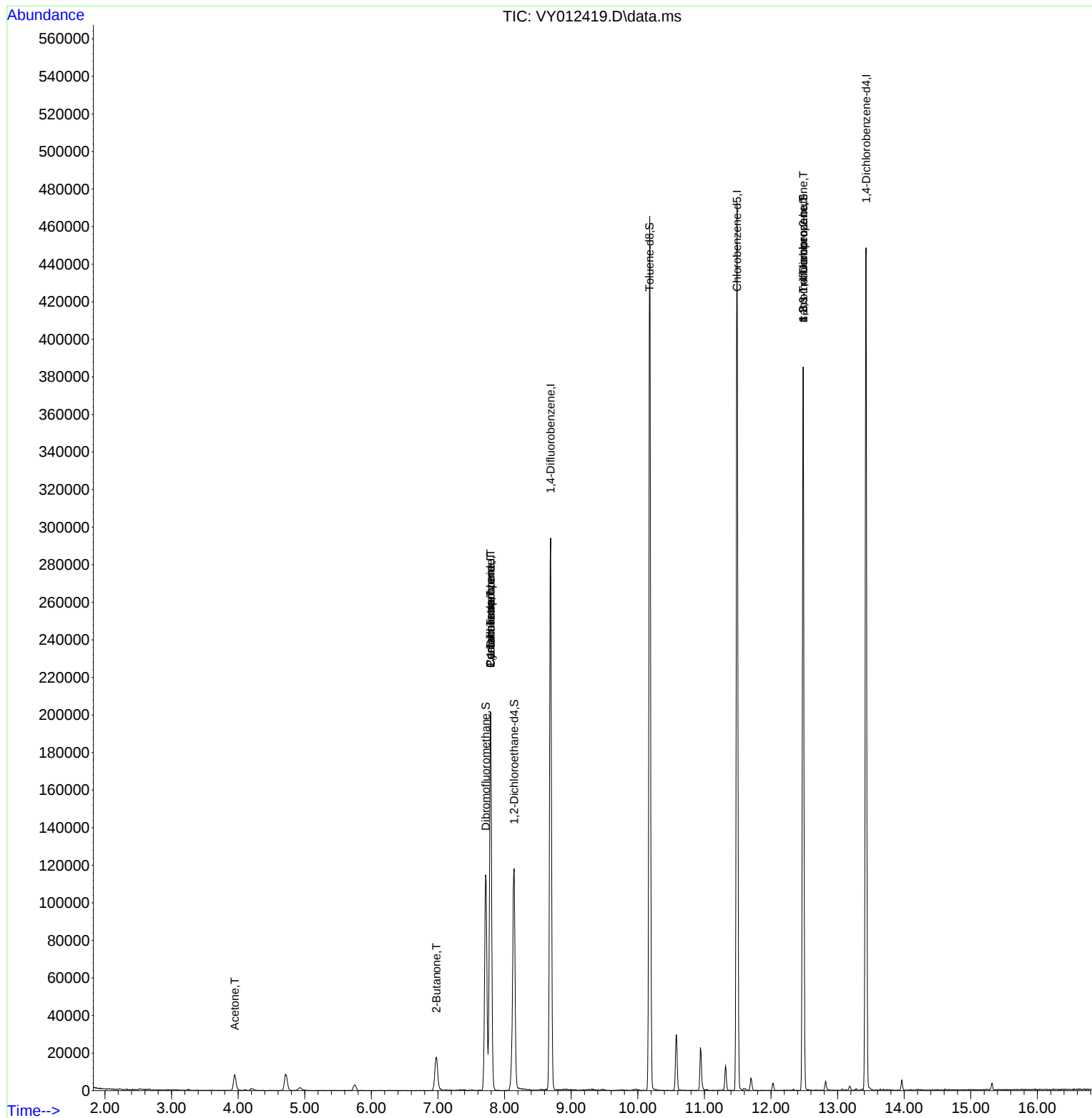
Internal Standards						
1) Pentafluorobenzene	7.789	168	156122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	259762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	96438	76.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.240%
35) Dibromofluoromethane	7.716	113	78946	57.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.120%
50) Toluene-d8	10.179	98	313503	66.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.720%
62) 4-Bromofluorobenzene	12.483	95	105290	53.987	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	1741	Below Cal	#	74
16) Acetone	3.948	43	14843	34.143	ug/l	97
20) Methylene Chloride	4.723	84	7459	Below Cal	#	80
25) 2-Butanone	6.978	43	997	2.077	ug/l	# 46
31) Cyclohexane	7.789	56	2713	1.192	ug/l	# 8
36) 1,1-Dichloropropene	7.789	75	10575	4.498	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	15435	5.083	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	57155	50.042	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	57155	103.109	ug/l	# 13

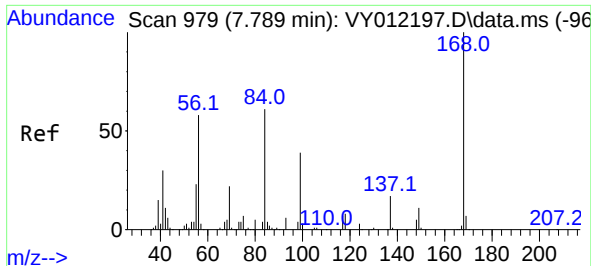
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
Data File : VY012419.D
Acq On : 31 Jan 2023 14:48
Operator : KP/MD
Sample : 01352-01
Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC

Quant Time: Feb 01 01:24:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

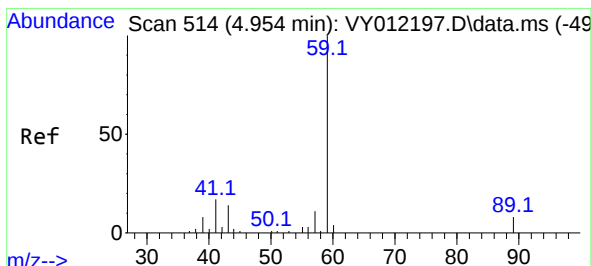
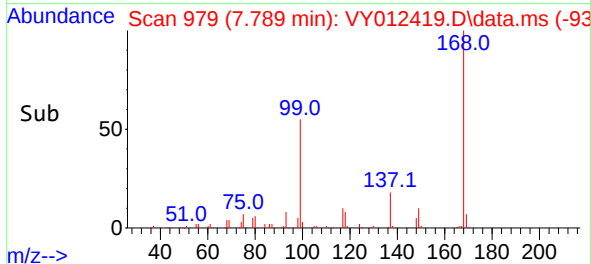
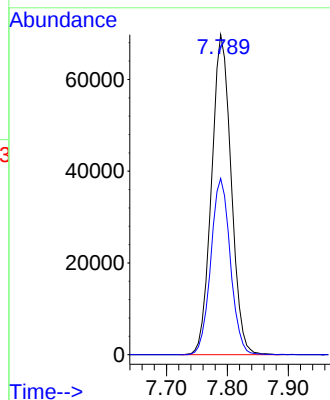
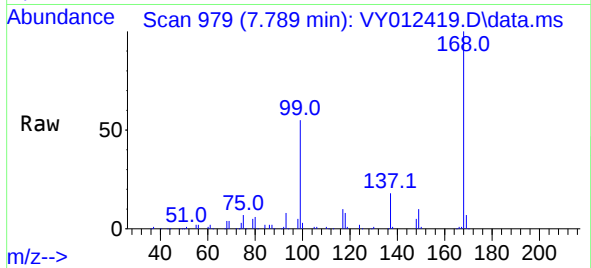




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

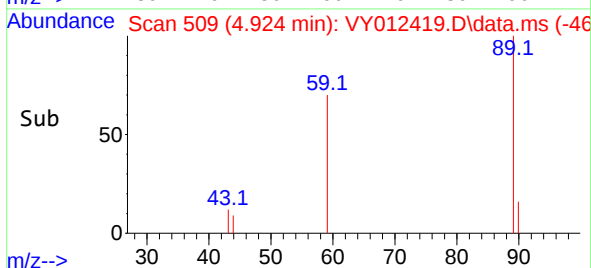
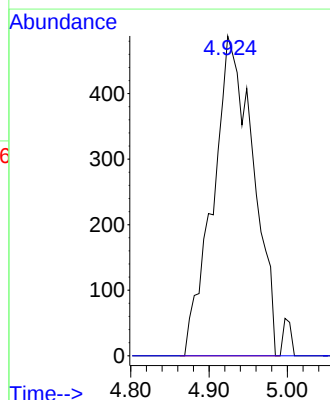
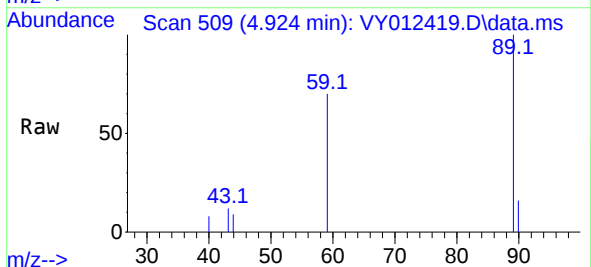
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC

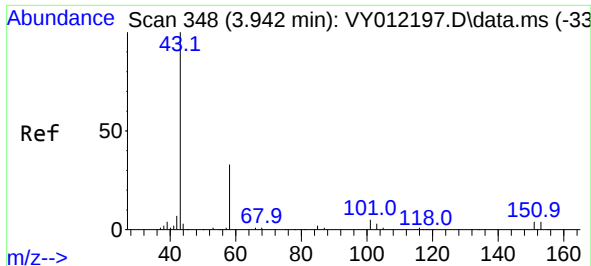
Tgt Ion:168 Resp: 156122
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

Tgt Ion: 59 Resp: 1741
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

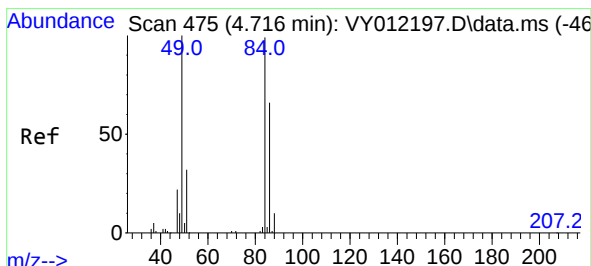
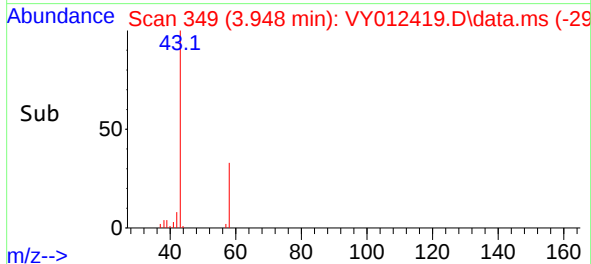
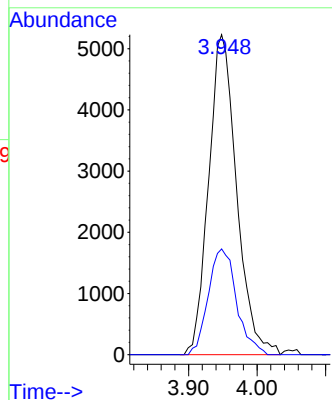
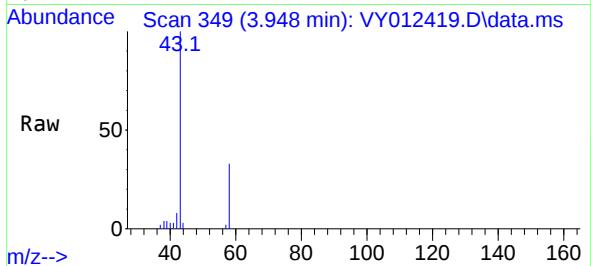




#16
Acetone
Concen: 34.143 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

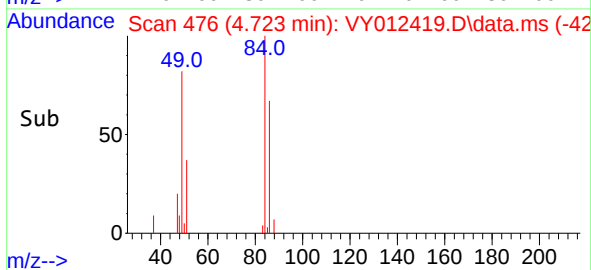
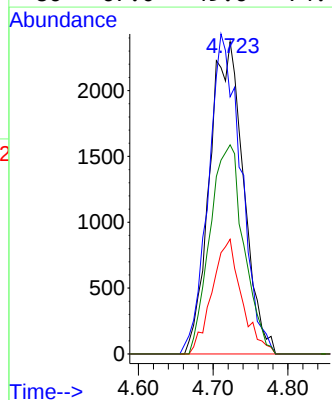
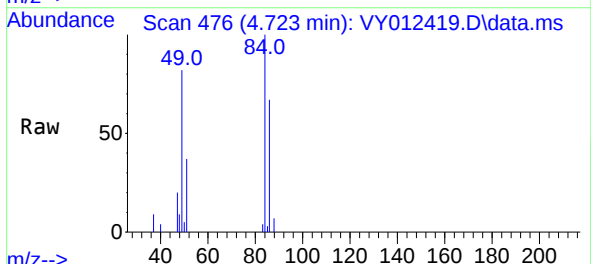
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC

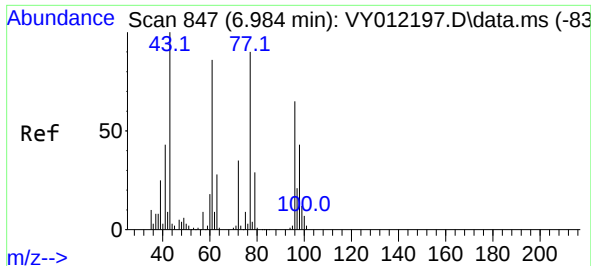
Tgt Ion: 43 Resp: 14843
Ion Ratio Lower Upper
43 100
58 33.0 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

Tgt Ion: 84 Resp: 7459
Ion Ratio Lower Upper
84 100
49 82.4 95.4 143.2#
51 36.8 29.9 44.9
86 67.0 49.6 74.4





#25

2-Butanone

Concen: 2.077 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY012419.D

Acq: 31 Jan 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

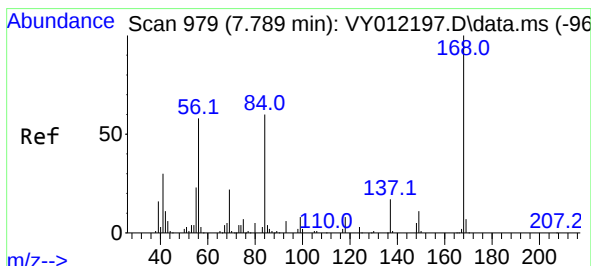
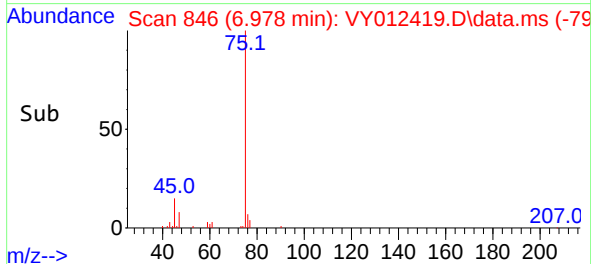
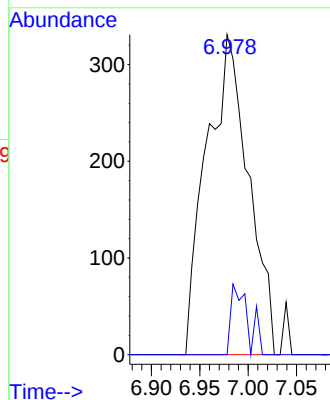
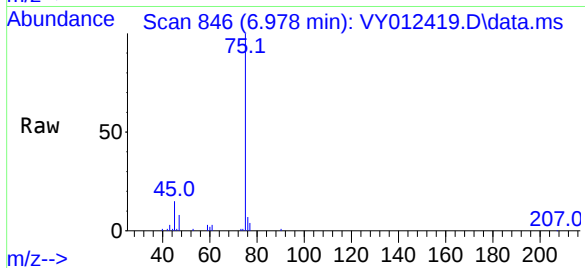
TP-2-WC

Tgt Ion: 43 Resp: 997

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.192 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012419.D

Acq: 31 Jan 2023 14:48

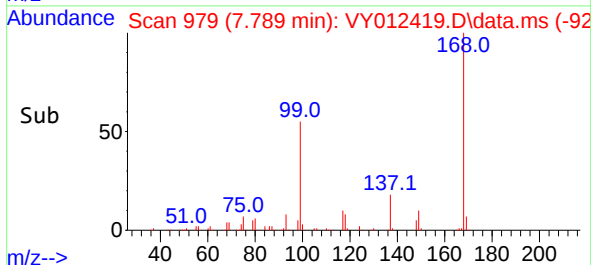
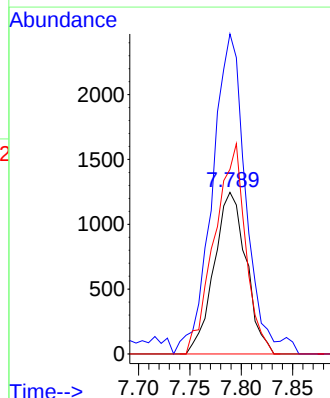
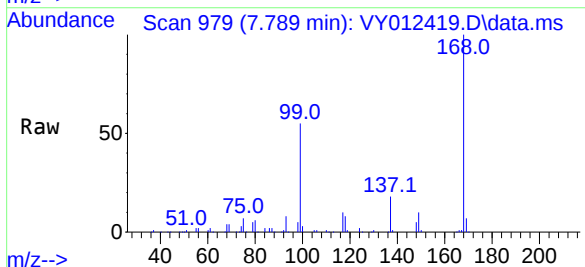
Tgt Ion: 56 Resp: 2713

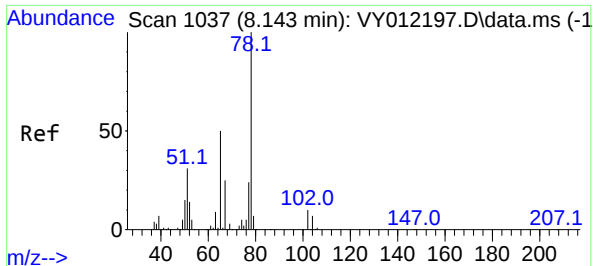
Ion Ratio Lower Upper

56 100

69 190.2 29.2 43.8#

84 114.2 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 76.616 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012419.D

Acq: 31 Jan 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

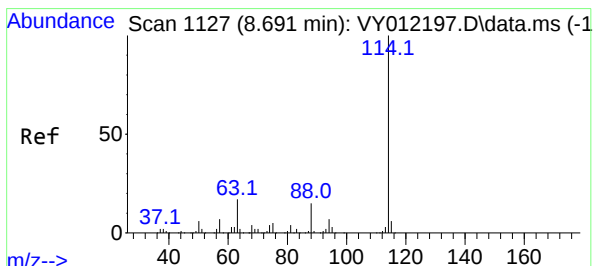
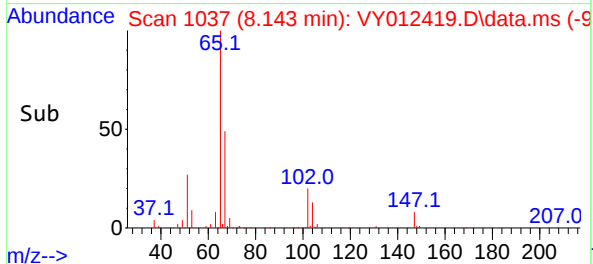
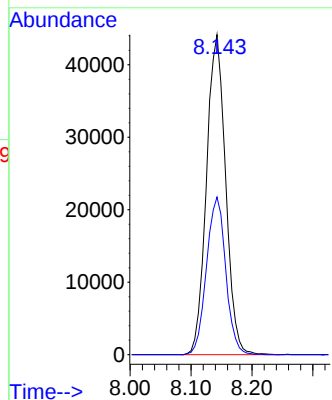
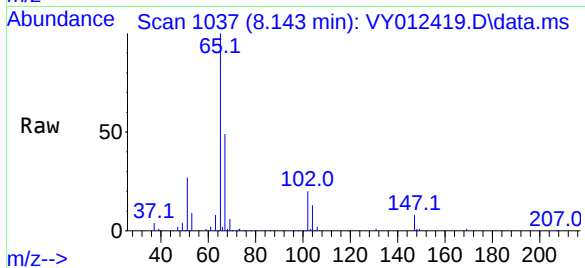
TP-2-WC

Tgt Ion: 65 Resp: 96438

Ion Ratio Lower Upper

65 100

67 49.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012419.D

Acq: 31 Jan 2023 14:48

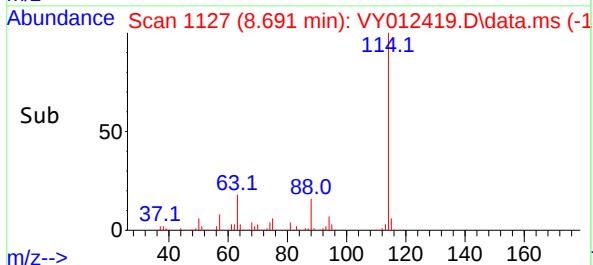
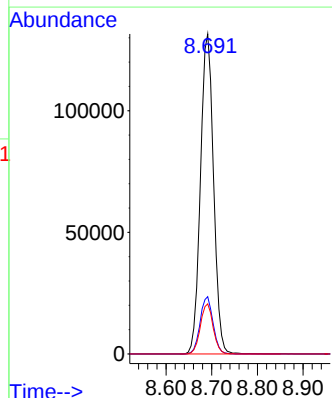
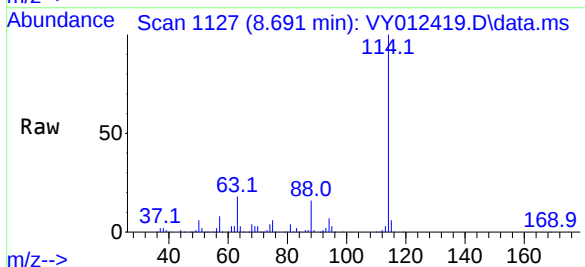
Tgt Ion: 114 Resp: 261281

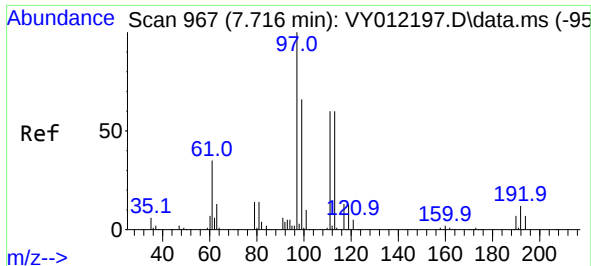
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 15.7 0.0 32.2

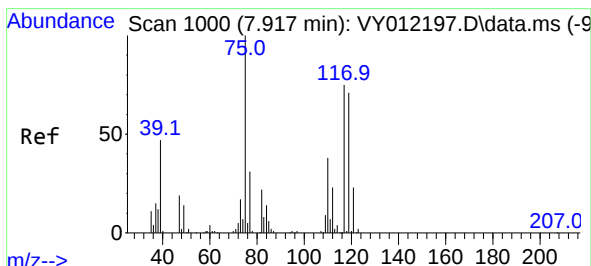
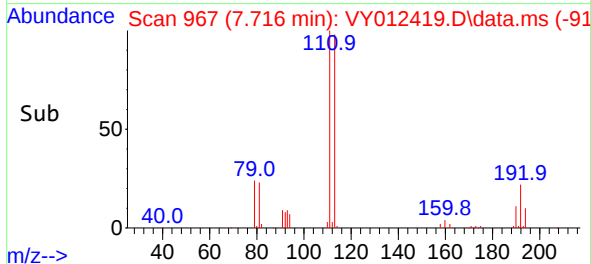
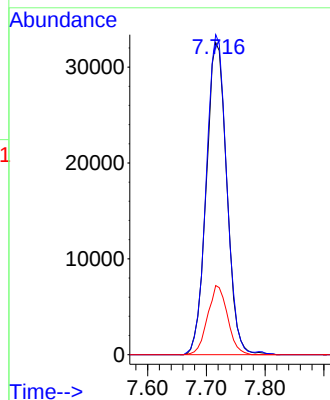
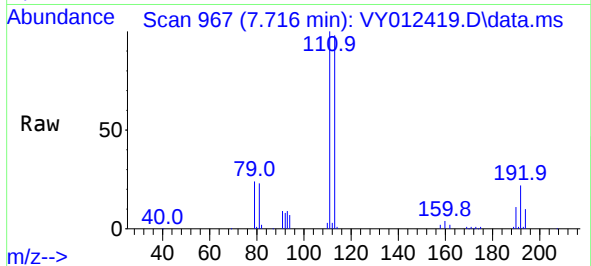




#35
Dibromofluoromethane
Concen: 57.063 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

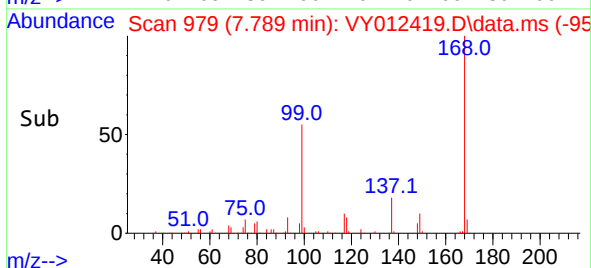
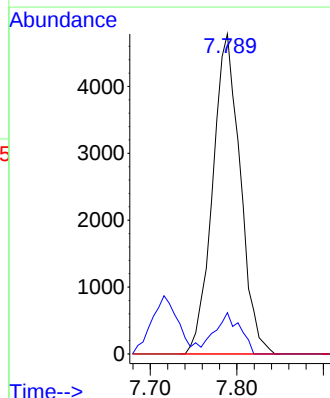
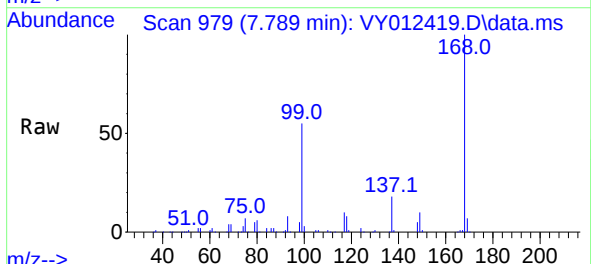
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC

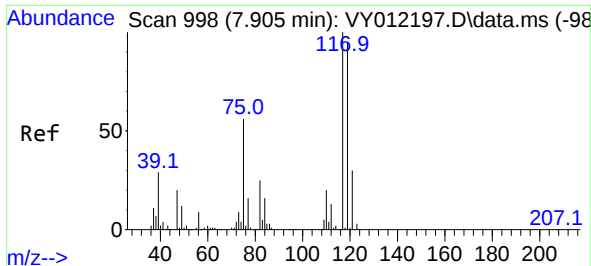
Tgt Ion:	113	Resp:	78946
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.0	124.4
192	21.5	16.0	24.0



#36
1,1-Dichloropropene
Concen: 4.498 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

Tgt Ion:	75	Resp:	10575
Ion	Ratio	Lower	Upper
75	100		
110	11.7	18.1	54.1#
77	0.0	25.1	37.7#

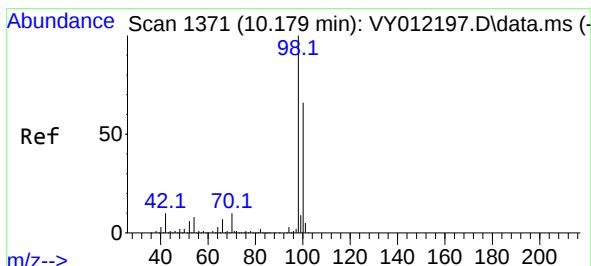
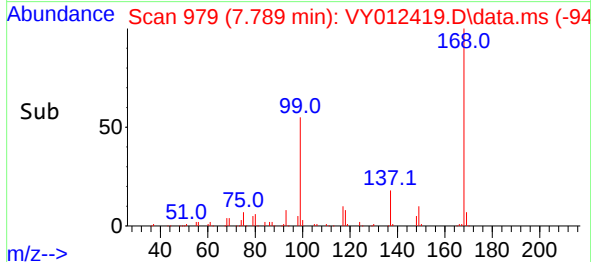
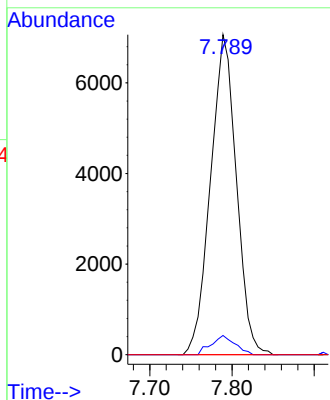
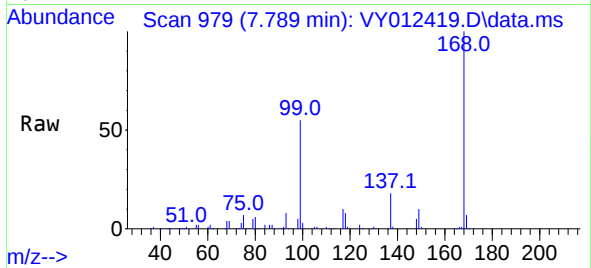




#38
Carbon Tetrachloride
Concen: 5.083 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

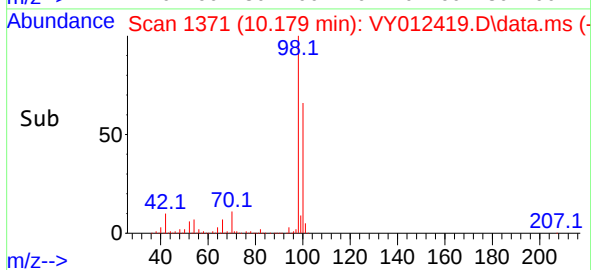
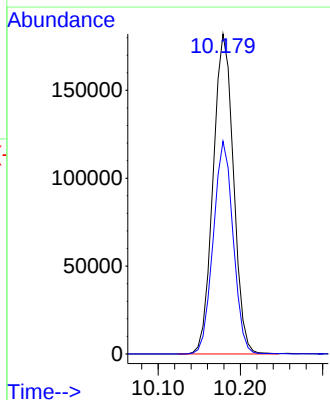
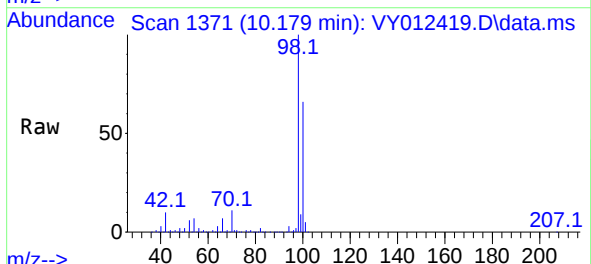
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC

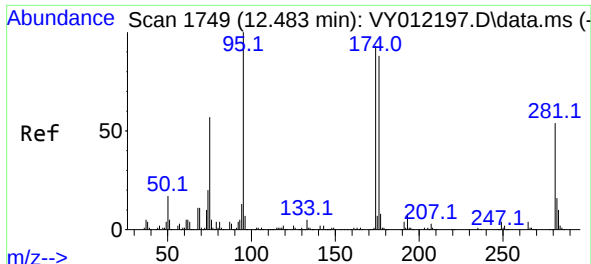
Tgt Ion:117 Resp: 15435
Ion Ratio Lower Upper
117 100
119 6.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 66.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

Tgt Ion: 98 Resp: 313503
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

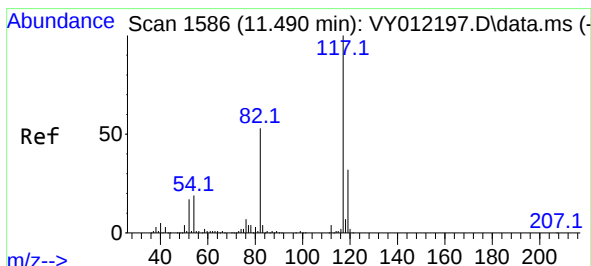
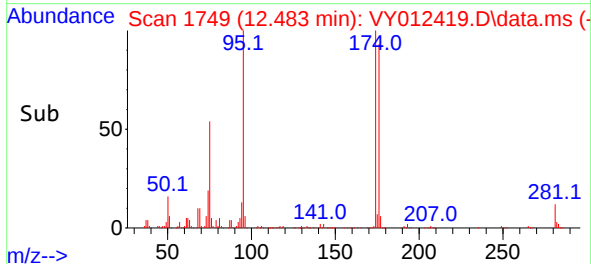
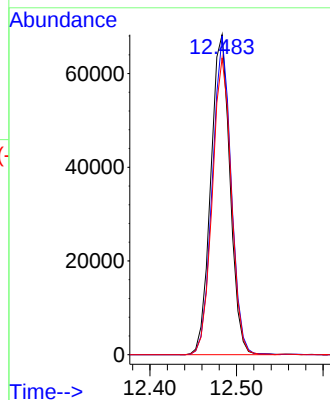
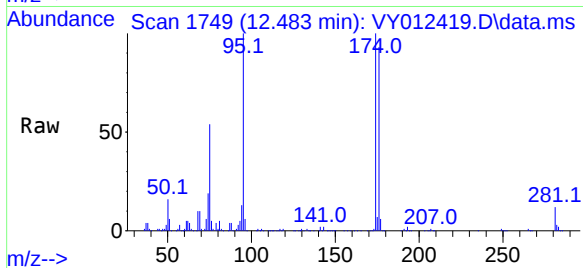




#62
4-Bromofluorobenzene
Concen: 53.987 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

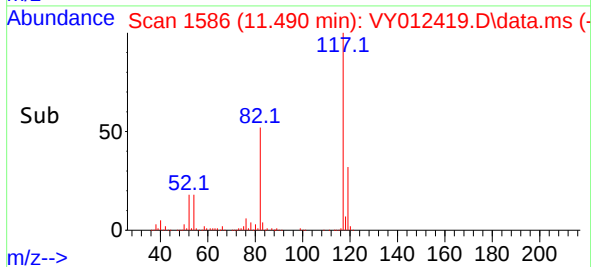
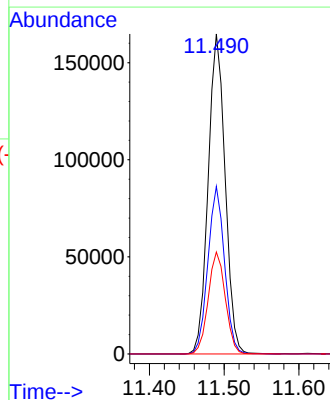
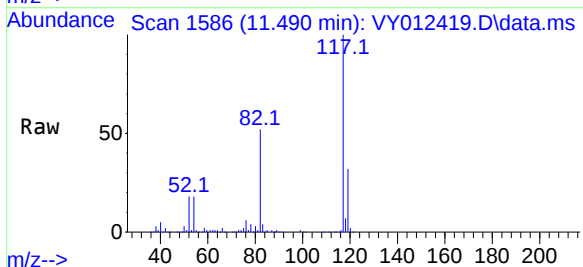
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC

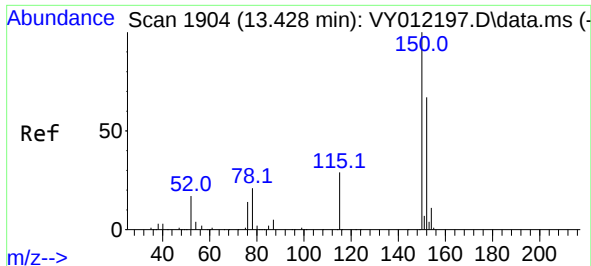
Tgt Ion: 95 Resp: 105290
Ion Ratio Lower Upper
95 100
174 96.8 0.0 172.0
176 91.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

Tgt Ion: 117 Resp: 259762
Ion Ratio Lower Upper
117 100
82 52.4 44.8 67.2
119 31.8 25.4 38.2

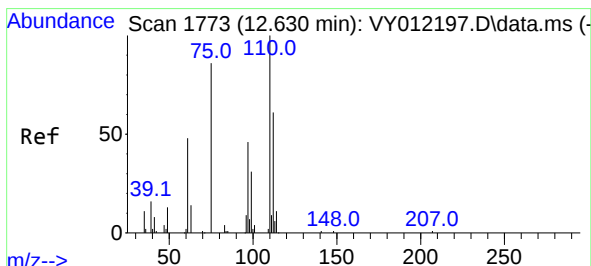
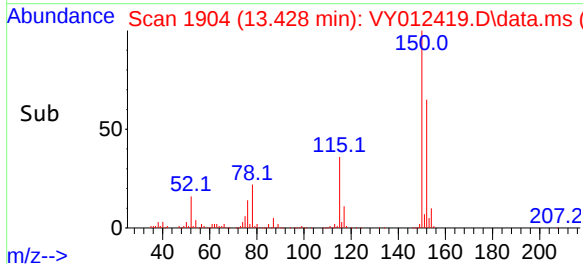
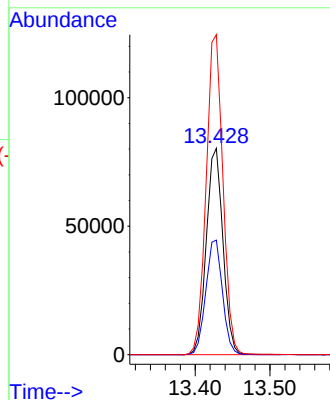
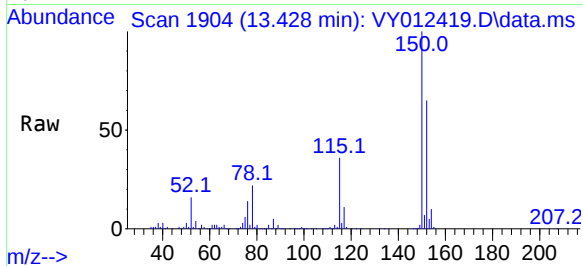




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

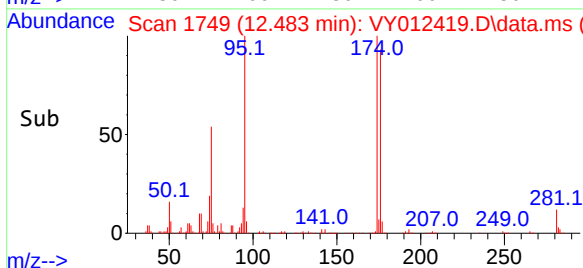
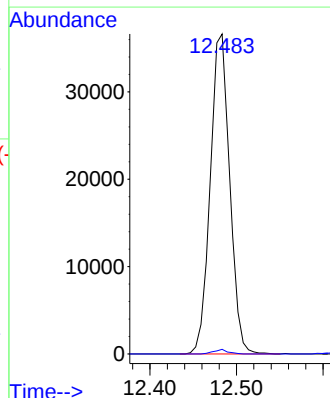
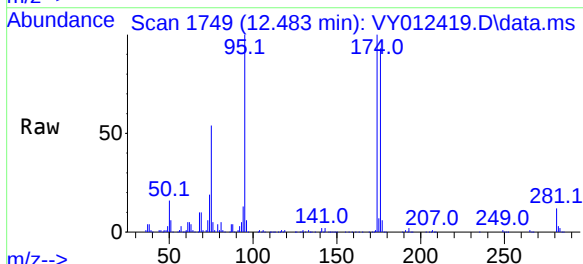
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC

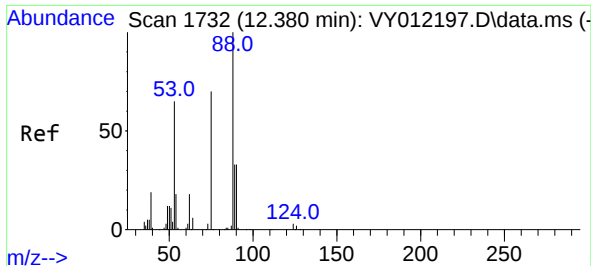
Tgt Ion:152 Resp: 124208
Ion Ratio Lower Upper
152 100
115 55.7 29.1 87.3
150 156.1 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 50.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012419.D
Acq: 31 Jan 2023 14:48

Tgt Ion: 75 Resp: 57155
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.109 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012419.D
 Acq: 31 Jan 2023 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-WC

Tgt Ion: 75 Resp: 57155
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.1 37.0 55.4#

