

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012269.D
 Acq On : 19 Jan 2023 16:34
 Operator : KP/MD
 Sample : 01190-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-8

Quant Time: Jan 20 03:24:53 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	7.795	168	7018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4199	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4703	83.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.960%#
35) Dibromofluoromethane	7.715	113	1846	30.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.800%
50) Toluene-d8	10.185	98	13262	65.414	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.820%
62) 4-Bromofluorobenzene	12.483	95	4308	51.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.320%

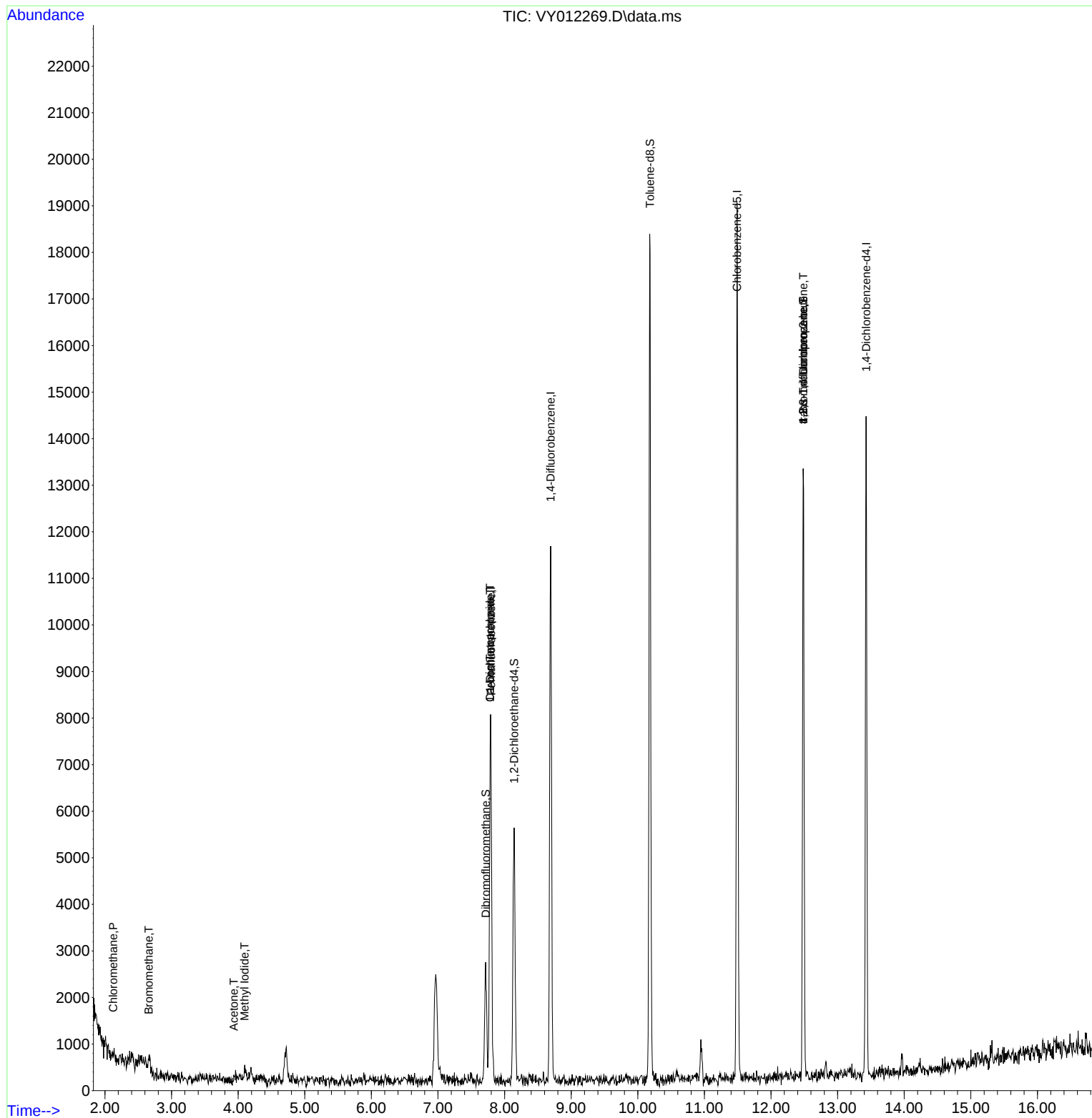
Target Compounds					Qvalue	
3) Chloromethane	2.125	50	97	1.713	ug/l #	41
5) Bromomethane	2.655	94	79	1.546	ug/l #	1
10) Methyl Iodide	4.094	142	430	4.508	ug/l #	67
16) Acetone	3.936	43	97	4.964	ug/l #	40
20) Methylene Chloride	4.716	84	568	Below Cal	#	64
36) 1,1-Dichloropropene	7.783	75	434	4.275	ug/l #	41
38) Carbon Tetrachloride	7.783	117	553	4.218	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	1974	51.125	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1974	105.340	ug/l #	13

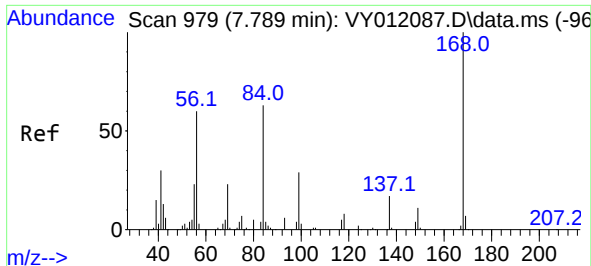
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
Data File : VY012269.D
Acq On : 19 Jan 2023 16:34
Operator : KP/MD
Sample : 01190-09
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-8

Quant Time: Jan 20 03:24:53 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

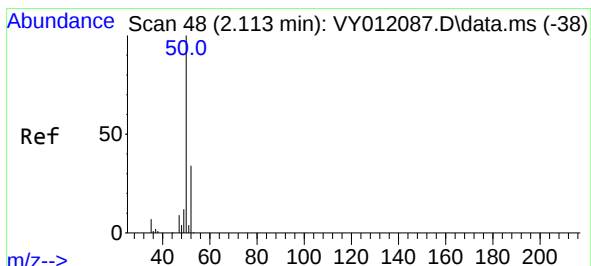
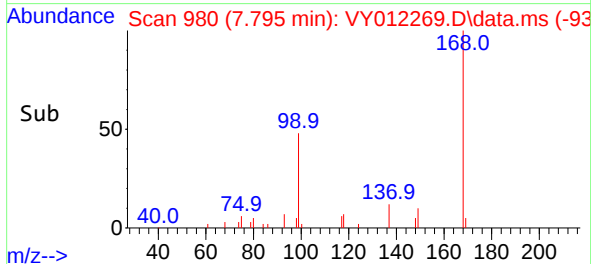
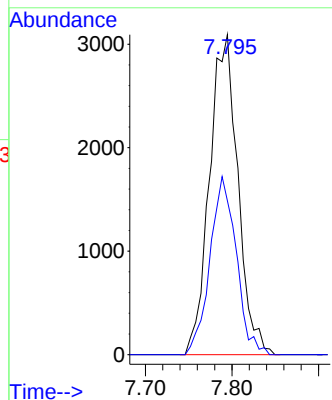
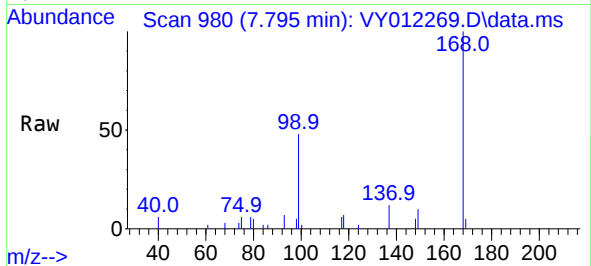




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

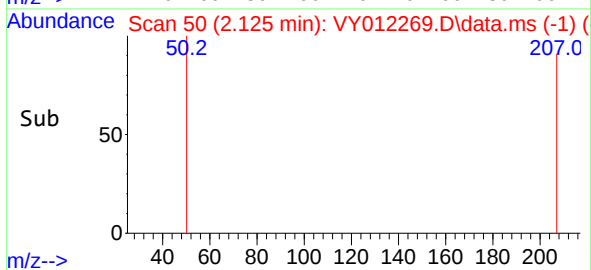
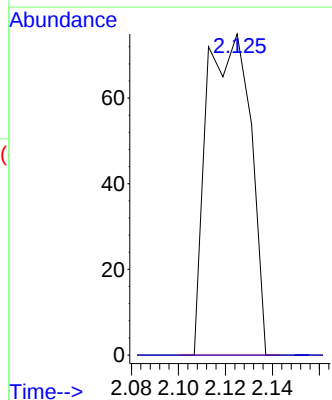
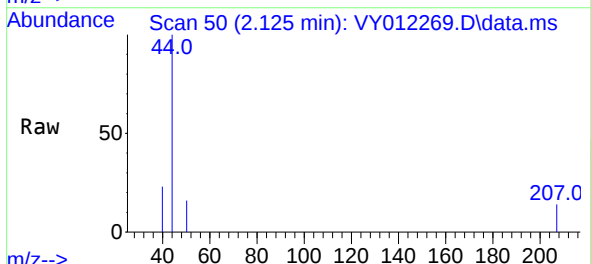
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

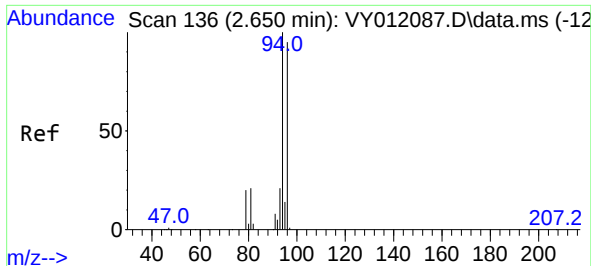
Tgt Ion:168 Resp: 7018
Ion Ratio Lower Upper
168 100
99 48.1 44.0 66.0



#3
Chloromethane
Concen: 1.713 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

Tgt Ion: 50 Resp: 97
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

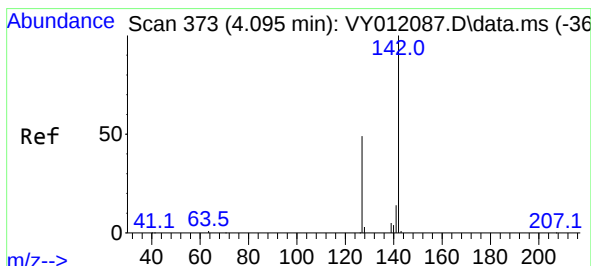
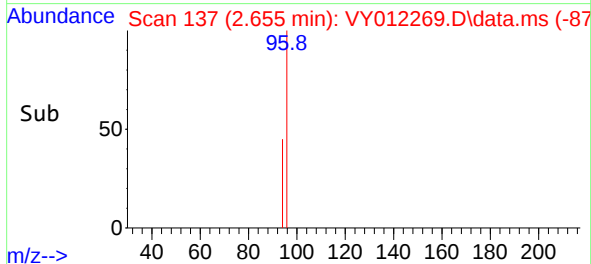
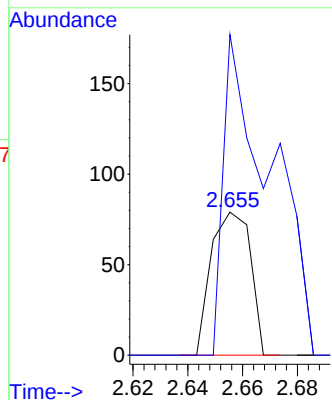
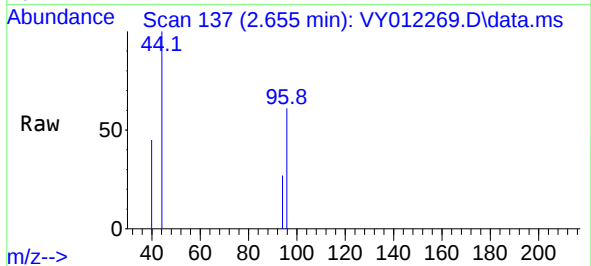




#5
Bromomethane
Concen: 1.546 ug/l
RT: 2.655 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

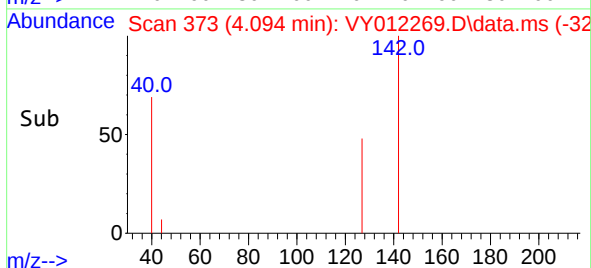
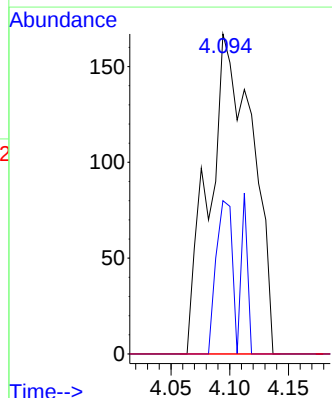
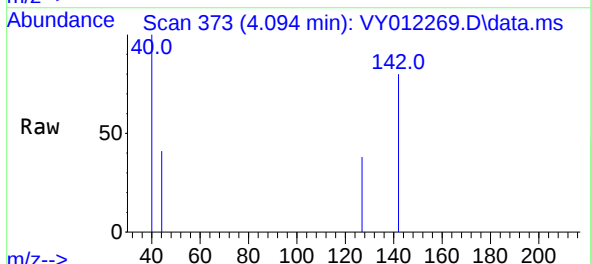
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

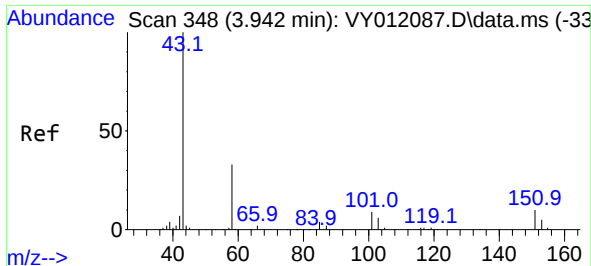
Tgt Ion: 94 Resp: 79
Ion Ratio Lower Upper
94 100
96 224.1 77.4 116.2#



#10
Methyl Iodide
Concen: 4.508 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

Tgt Ion: 142 Resp: 430
Ion Ratio Lower Upper
142 100
127 24.7 37.0 55.4#
141 0.0 11.4 17.0#

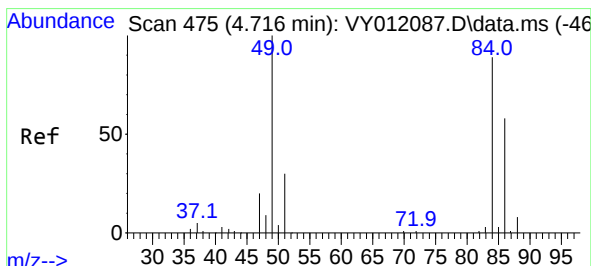
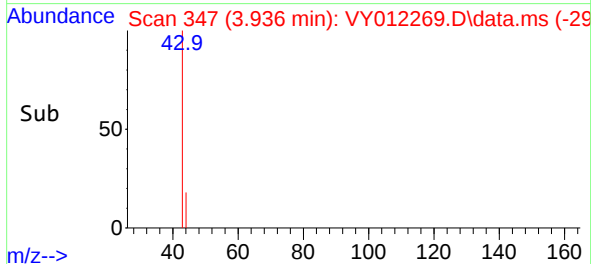
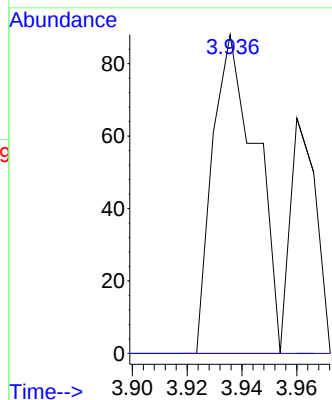
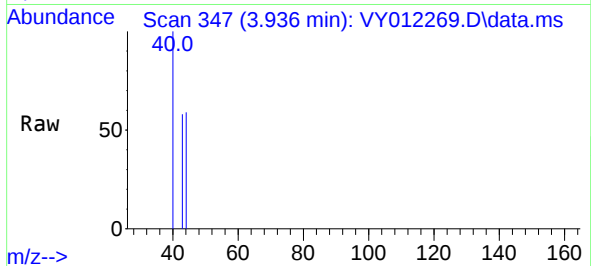




#16
Acetone
Concen: 4.964 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

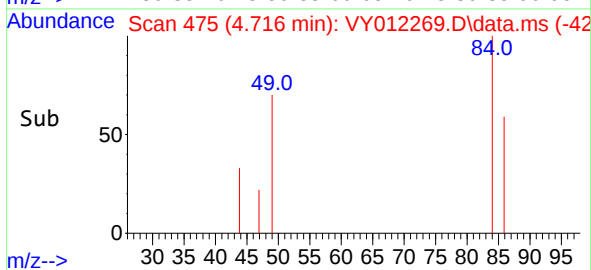
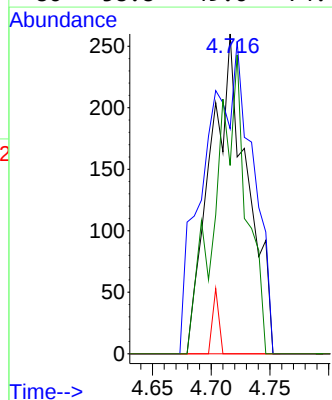
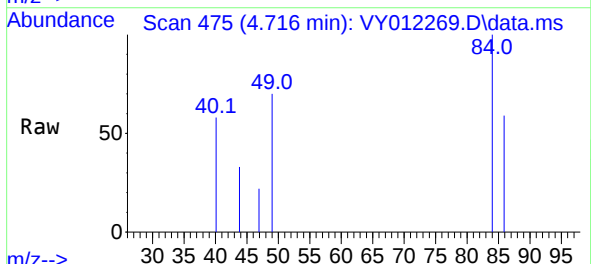
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

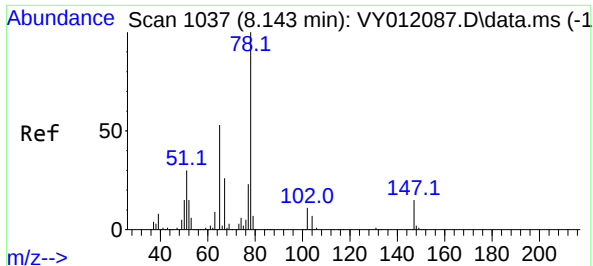
Tgt Ion: 43 Resp: 97
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

Tgt Ion: 84 Resp: 568
Ion Ratio Lower Upper
84 100
49 70.4 95.4 143.2#
51 0.0 29.9 44.9#
86 58.8 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 83.480 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012269.D

Acq: 19 Jan 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

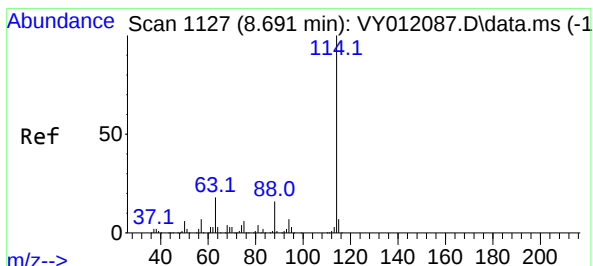
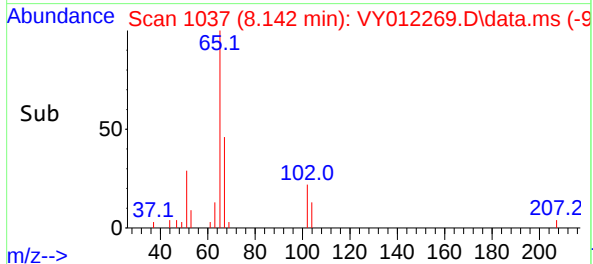
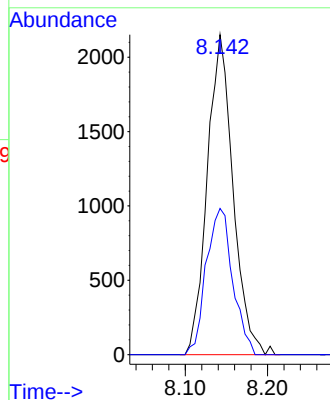
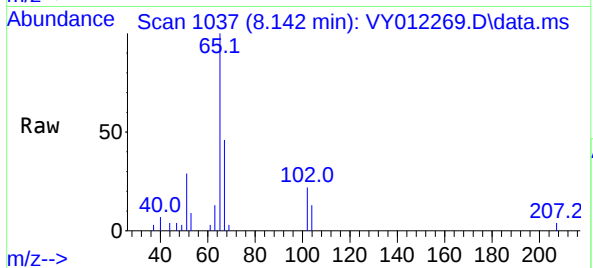
PE-8

Tgt Ion: 65 Resp: 4703

Ion Ratio Lower Upper

65 100

67 46.8 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: VY012269.D

Acq: 19 Jan 2023 16:34

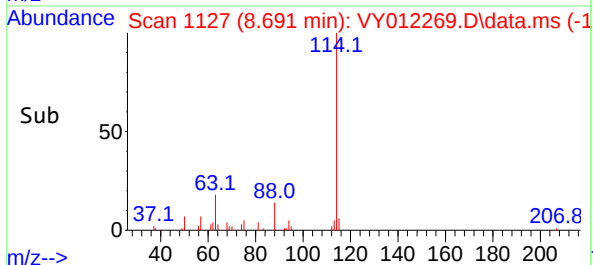
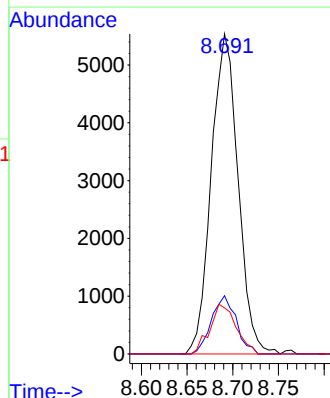
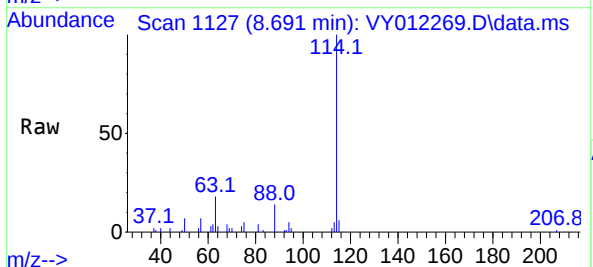
Tgt Ion:114 Resp: 11281

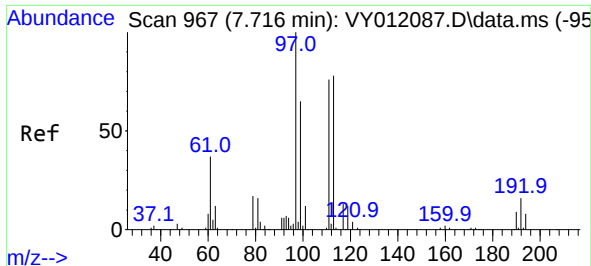
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 14.4 0.0 32.2

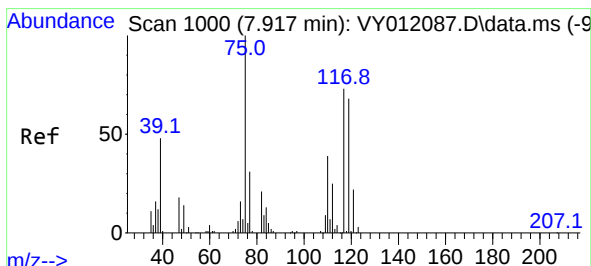
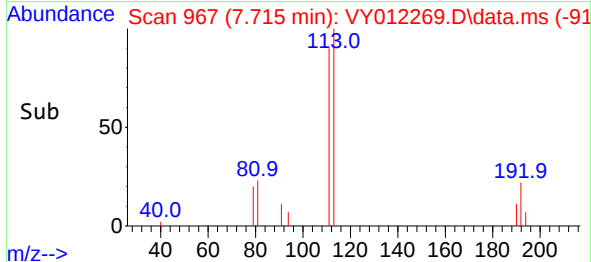
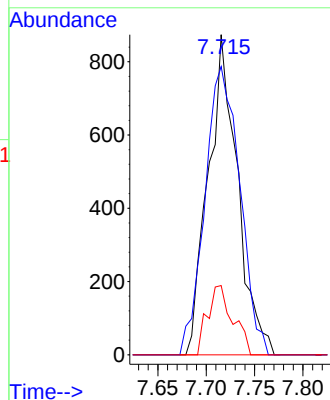
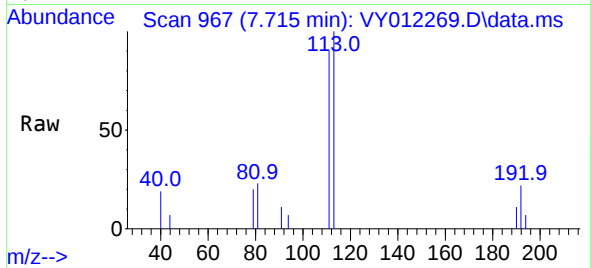




#35
Dibromofluoromethane
Concen: 30.904 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

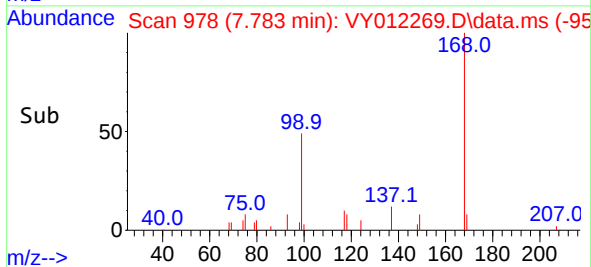
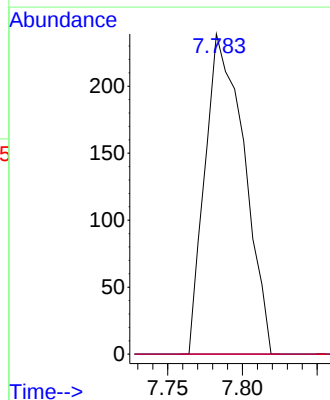
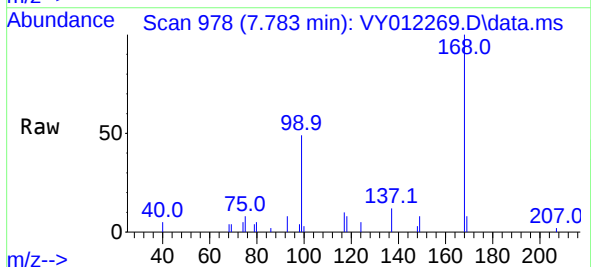
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

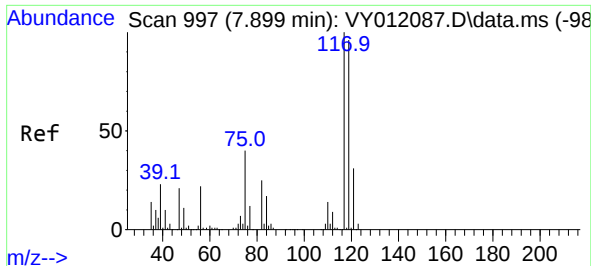
Tgt Ion:113 Resp: 1846
Ion Ratio Lower Upper
113 100
111 106.8 83.0 124.4
192 18.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.275 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

Tgt Ion: 75 Resp: 434
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 0.0 25.1 37.7#

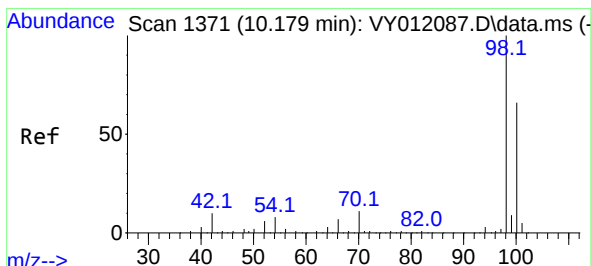
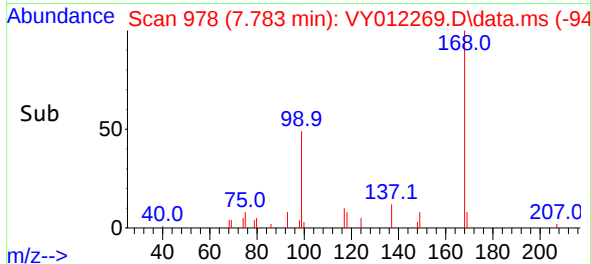
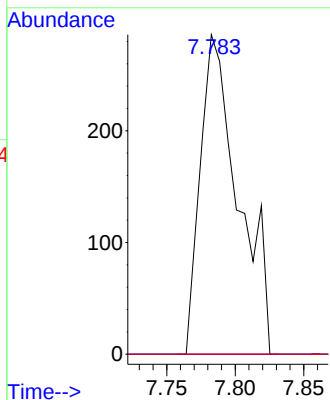
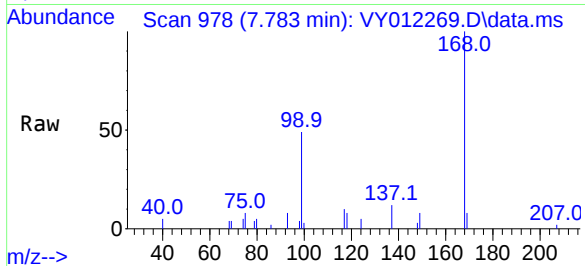




#38
Carbon Tetrachloride
Concen: 4.218 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

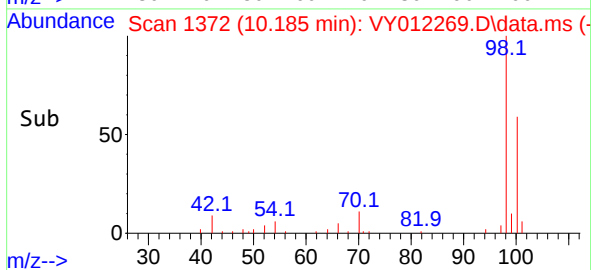
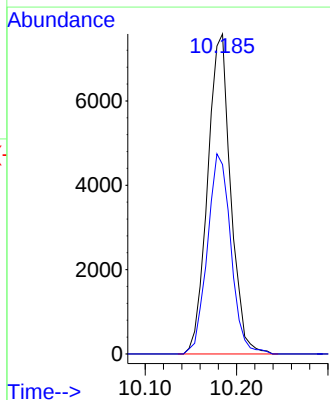
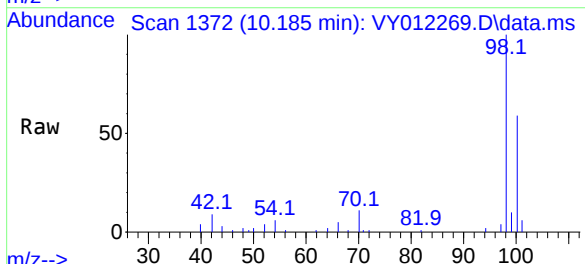
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

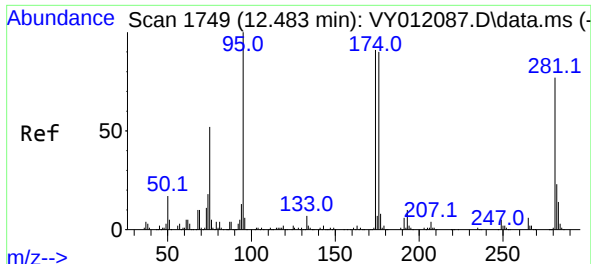
Tgt Ion:117 Resp: 553
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.414 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

Tgt Ion: 98 Resp: 13262
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

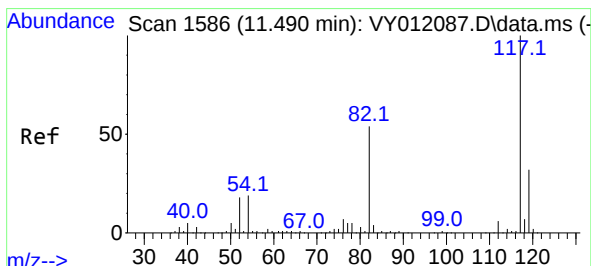
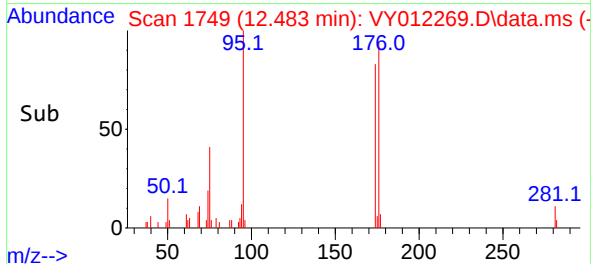
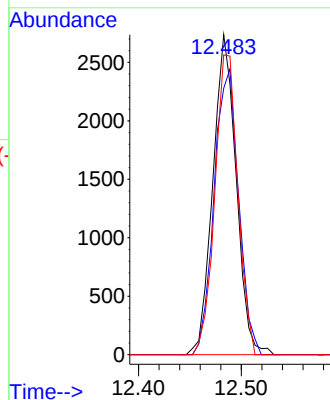
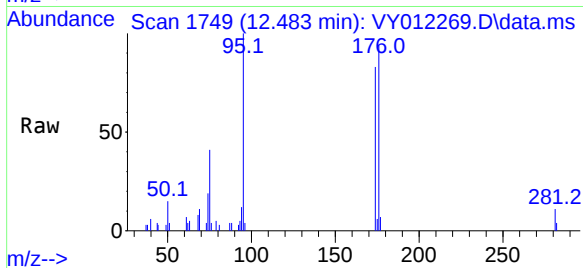




#62
4-Bromofluorobenzene
Concen: 51.161 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

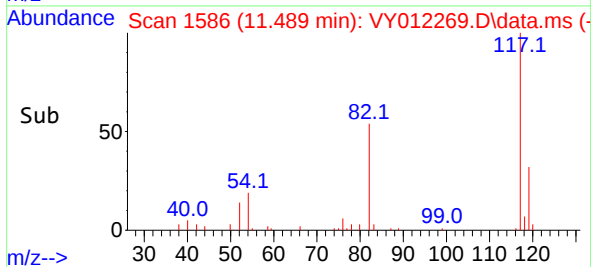
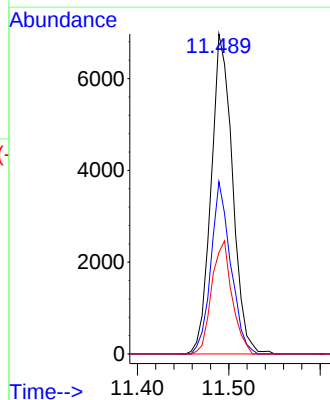
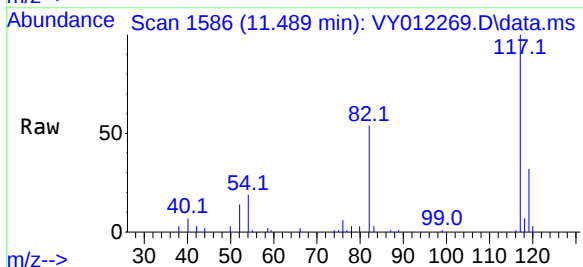
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

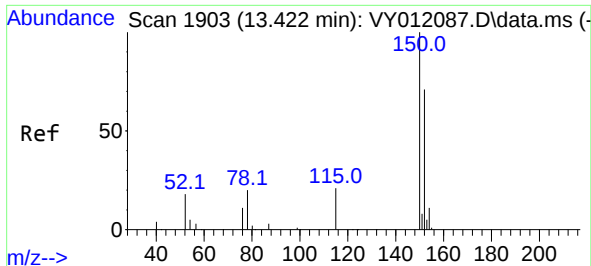
Tgt Ion:	95	Resp:	4308
Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	172.0
176	92.6	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

Tgt Ion:	117	Resp:	11305
Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.8	67.2
119	31.8	25.4	38.2

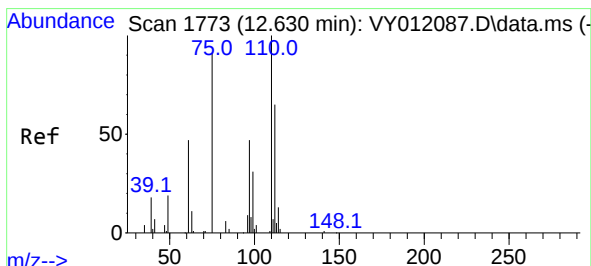
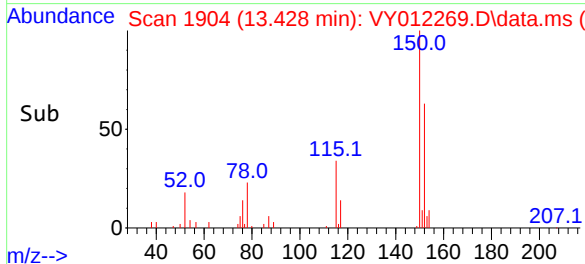
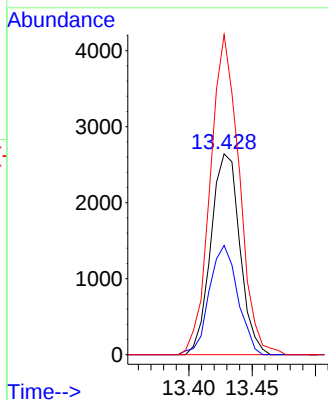
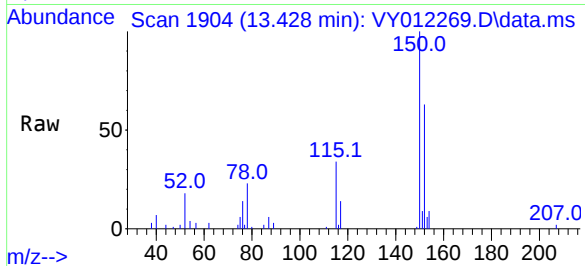




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

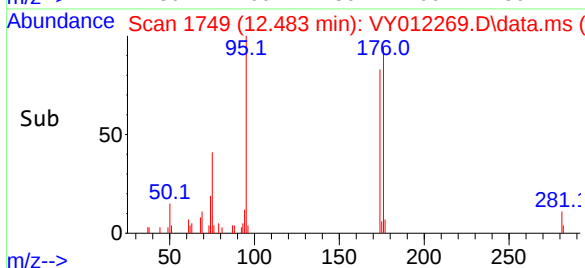
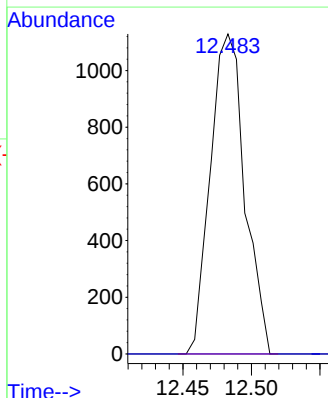
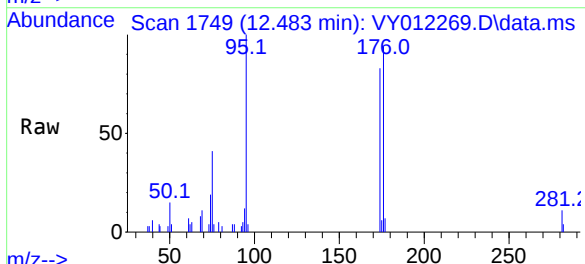
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

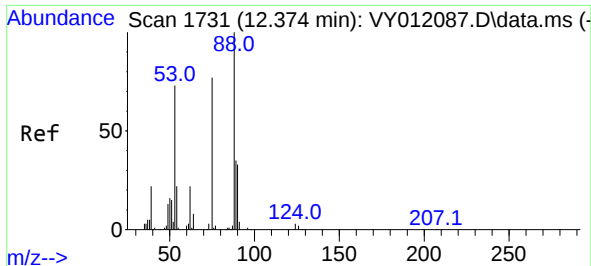
Tgt Ion:152 Resp: 4199
Ion Ratio Lower Upper
152 100
115 53.6 29.1 87.3
150 159.6 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 51.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

Tgt Ion: 75 Resp: 1974
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.340 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012269.D
 Acq: 19 Jan 2023 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-8

Tgt Ion: 75 Resp: 1974
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

