

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009924.D
 Acq On : 09 Aug 2022 16:58
 Operator : KP/MD
 Sample : N4036-01
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-DD

Quant Time: Aug 09 23:07:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

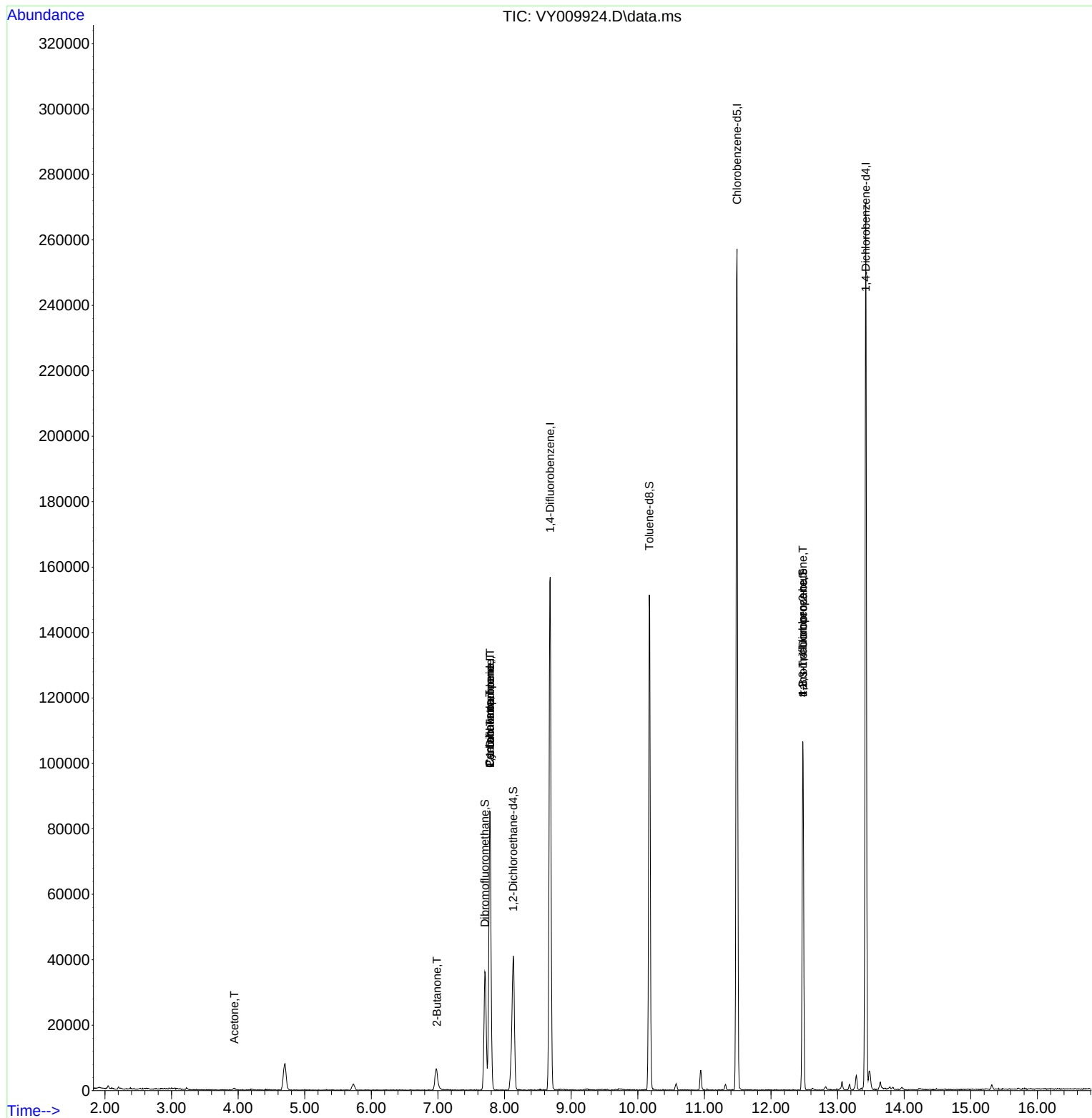
Internal Standards						
1) Pentafluorobenzene	7.783	168	64695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	135675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27311	54.434	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 108.860%	
35) Dibromofluoromethane	7.704	113	25720	34.955	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 69.920%	
50) Toluene-d8	10.173	98	95063	41.509	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 83.020%	
62) 4-Bromofluorobenzene	12.477	95	32006	31.153	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 62.300%	
Target Compounds						
16) Acetone	3.942	43	867	4.751	ug/l #	88
18) Methyl Acetate	4.473	43	230	Below Cal	#	52
20) Methylene Chloride	4.698	84	6099	Below Cal	#	92
25) 2-Butanone	6.984	43	365	1.215	ug/l #	48
31) Cyclohexane	7.777	56	1555	1.238	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5359	4.316	ug/l #	48
38) Carbon Tetrachloride	7.783	117	6472	5.252	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	16326	23.204	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16326	46.914	ug/l #	13

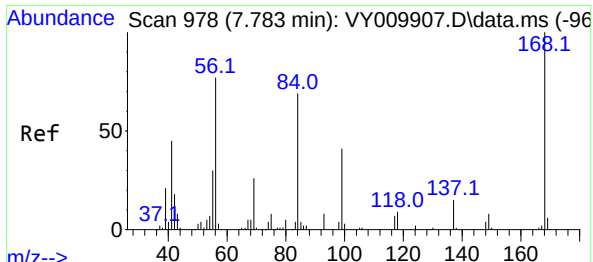
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY080924.D
Acq On : 09 Aug 2022 16:58
Operator : KP/MD
Sample : N4036-01
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-DD

Quant Time: Aug 09 23:07:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration

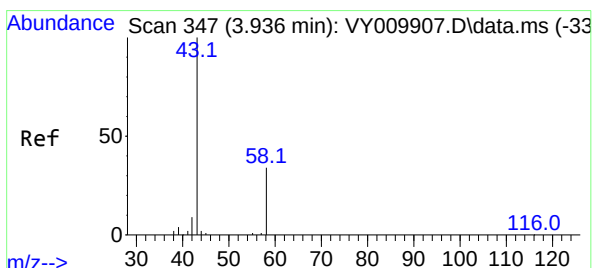
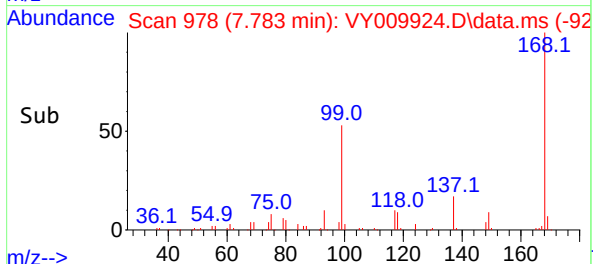
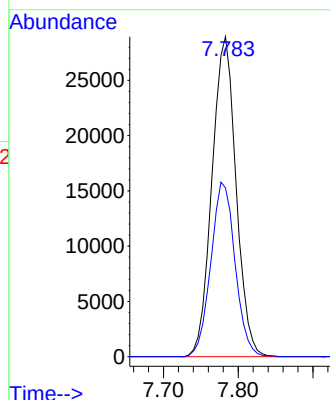
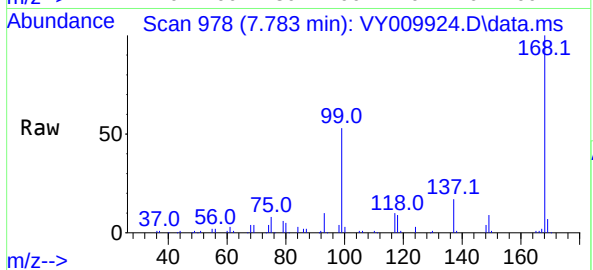




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009924.D
Acq: 09 Aug 2022 16:58

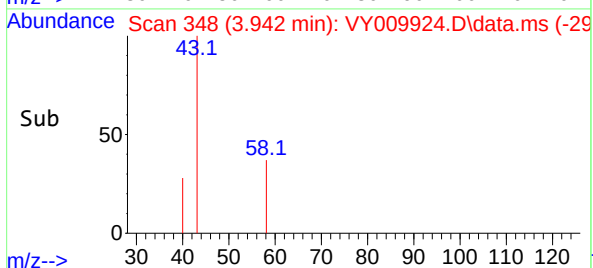
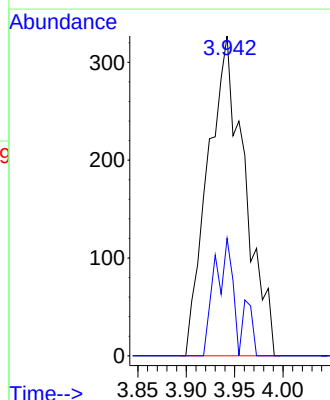
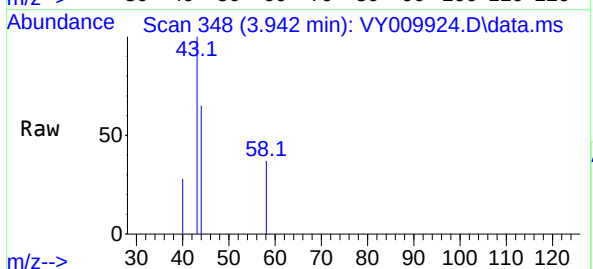
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD

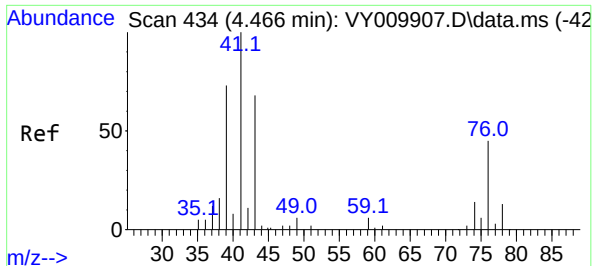
Tgt Ion:168 Resp: 64695
Ion Ratio Lower Upper
168 100
99 52.7 42.1 63.1



#16
Acetone
Concen: 4.751 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009924.D
Acq: 09 Aug 2022 16:58

Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
58 36.7 24.0 36.0#

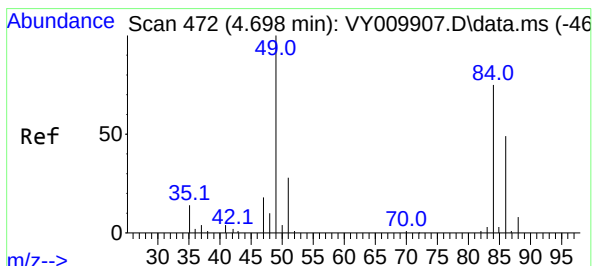
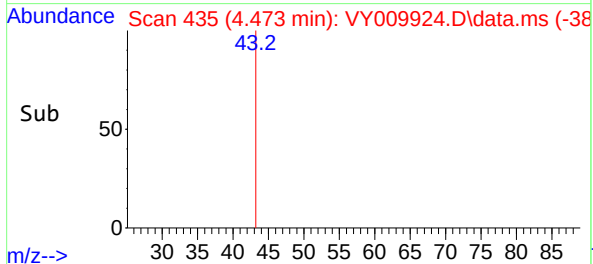
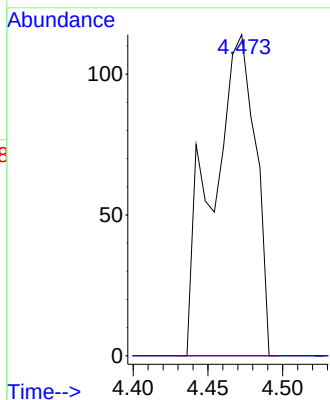
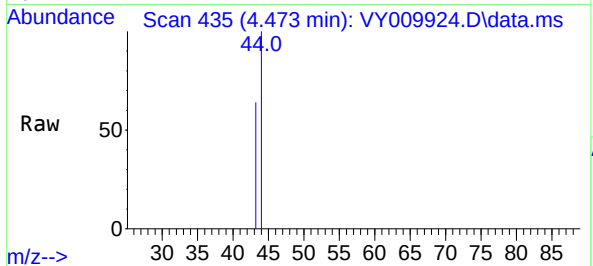




#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY009924.D
Acq: 09 Aug 2022 16:58

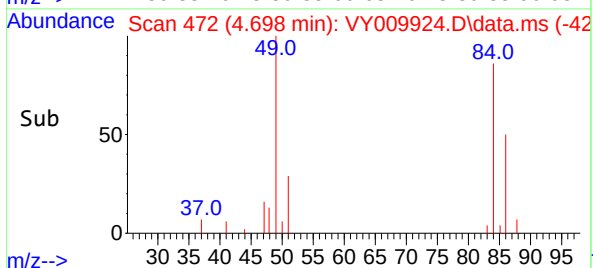
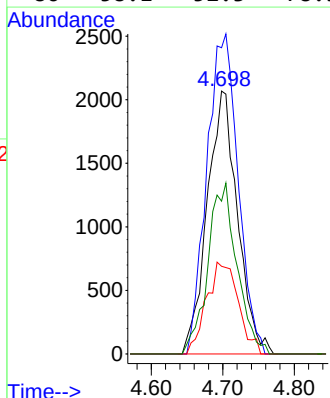
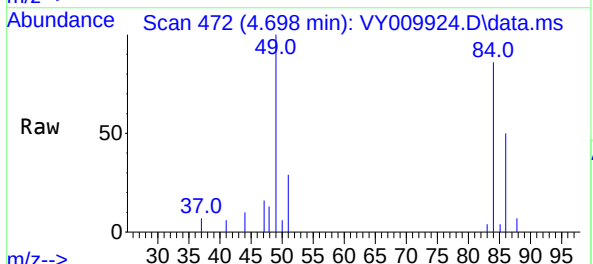
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD

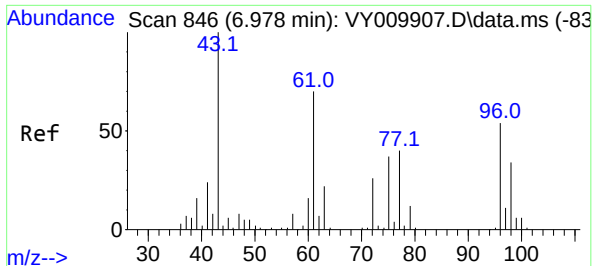
Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009924.D
Acq: 09 Aug 2022 16:58

Tgt Ion: 84 Resp: 6099
Ion Ratio Lower Upper
84 100
49 116.5 98.2 147.4
51 33.3 33.4 50.0#
86 58.1 52.3 78.5





#25

2-Butanone

Concen: 1.215 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009924.D

Acq: 09 Aug 2022 16:58

Instrument :

MSVOA_Y

ClientSampleId :

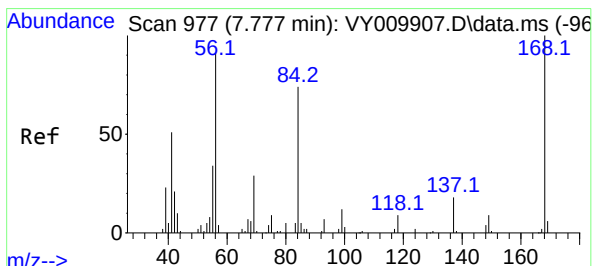
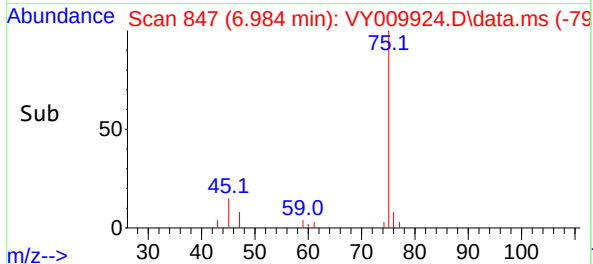
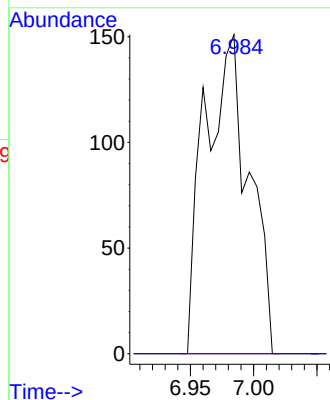
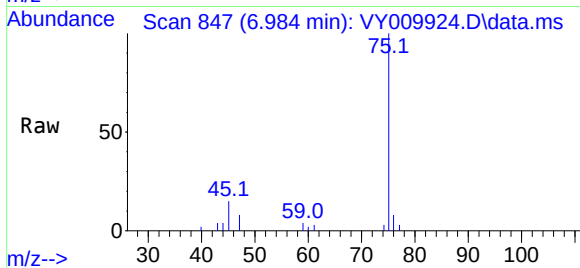
MH-DD

Tgt Ion: 43 Resp: 365

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#31

Cyclohexane

Concen: 1.238 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.001 min

Lab File: VY009924.D

Acq: 09 Aug 2022 16:58

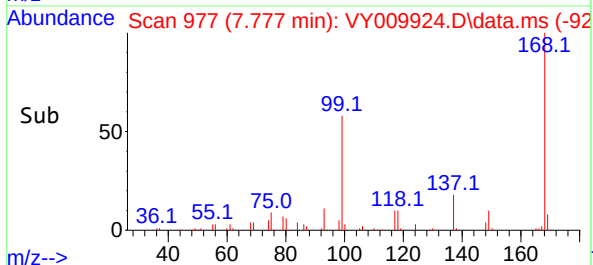
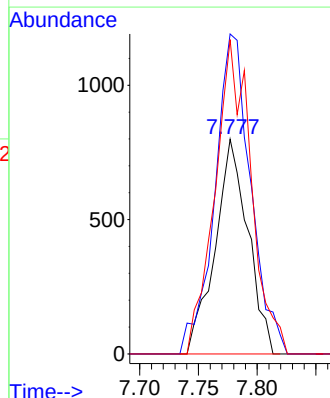
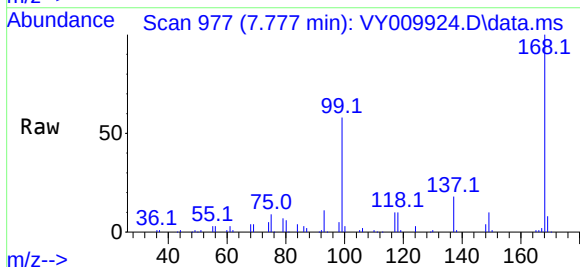
Tgt Ion: 56 Resp: 1555

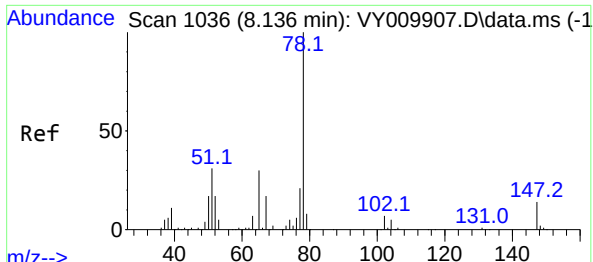
Ion Ratio Lower Upper

56 100

69 149.1 26.0 39.0#

84 146.4 69.5 104.3#

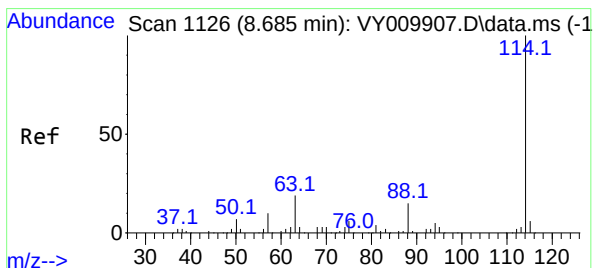
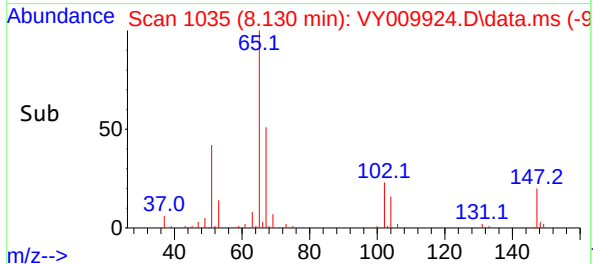
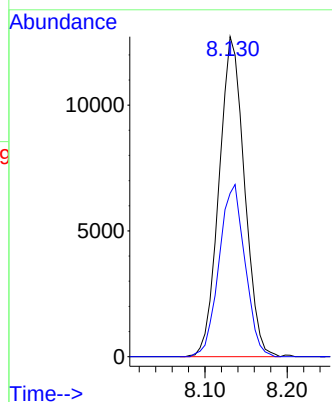
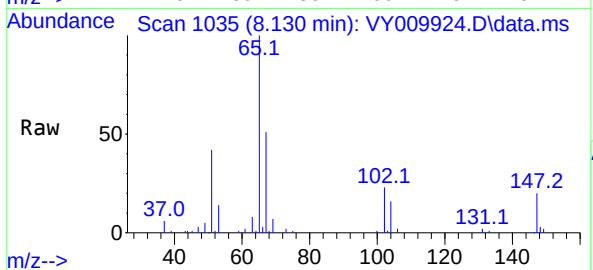




#33
 1,2-Dichloroethane-d4
 Concen: 54.434 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009924.D
 Acq: 09 Aug 2022 16:58

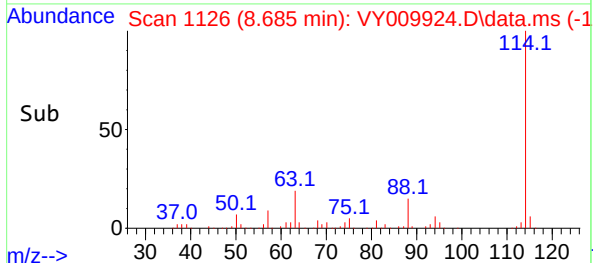
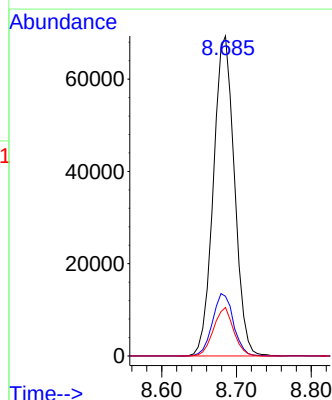
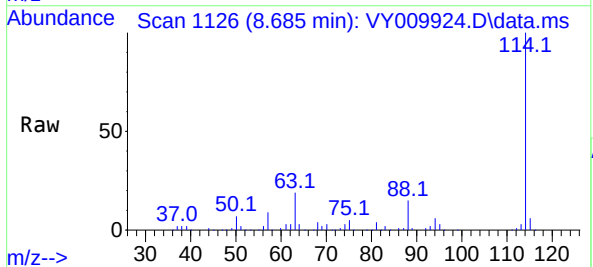
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-DD

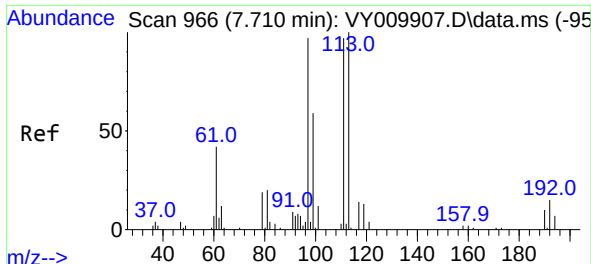
Tgt Ion: 65 Resp: 27311
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009924.D
 Acq: 09 Aug 2022 16:58

Tgt Ion: 114 Resp: 135545
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.0
 88 15.2 0.0 30.0

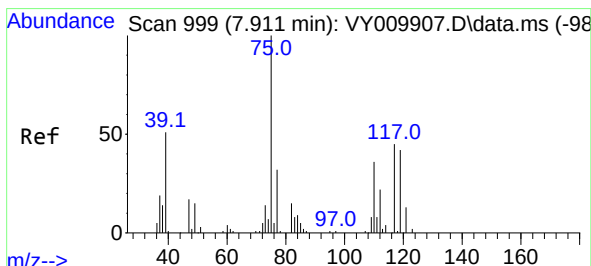
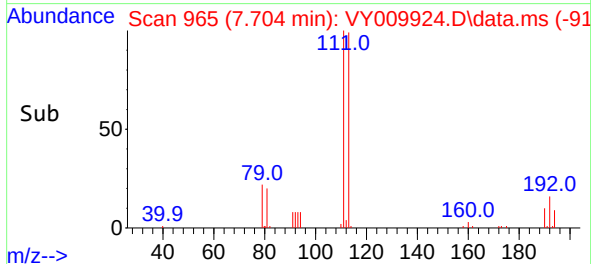
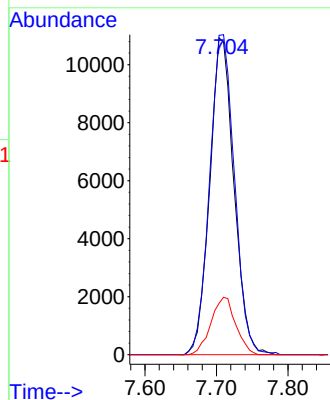
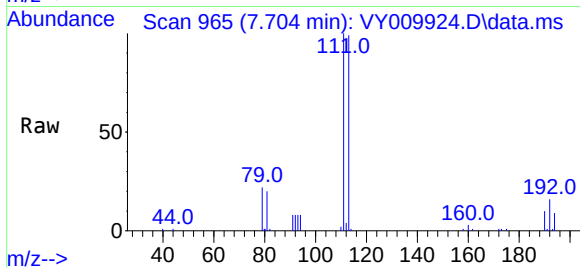




#35
Dibromofluoromethane
Concen: 34.955 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.005 min
Lab File: VY009924.D
Acq: 09 Aug 2022 16:58

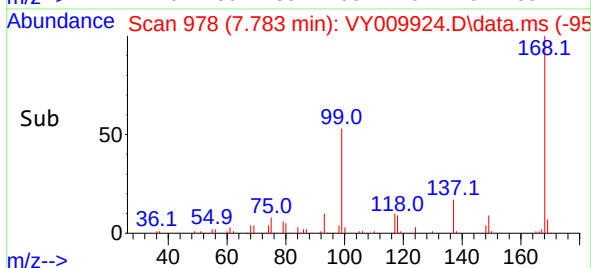
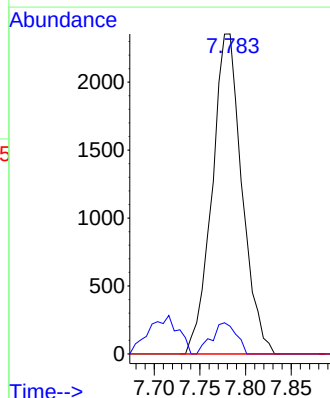
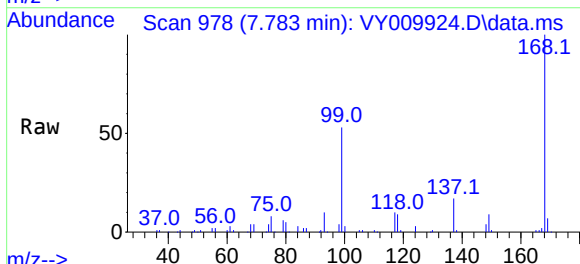
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD

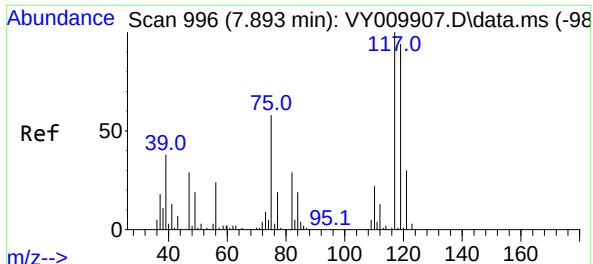
Tgt Ion:	113	Resp:	25720
Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.6	120.8
192	18.5	16.2	24.4



#36
1,1-Dichloropropene
Concen: 4.316 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009924.D
Acq: 09 Aug 2022 16:58

Tgt Ion:	75	Resp:	5359
Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.6	56.0#
77	0.0	25.0	37.4#

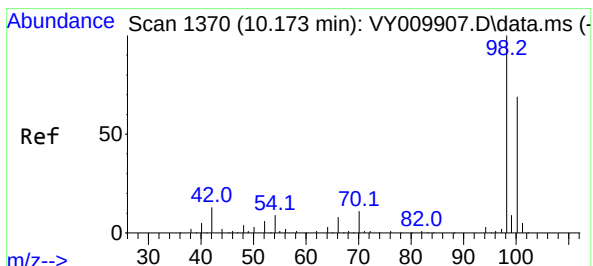
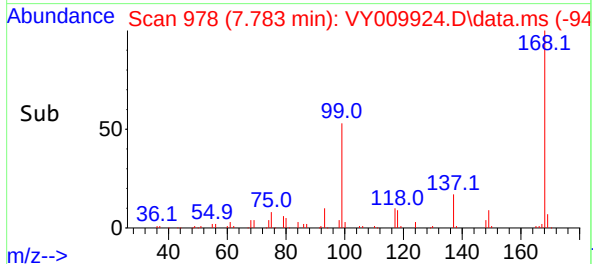
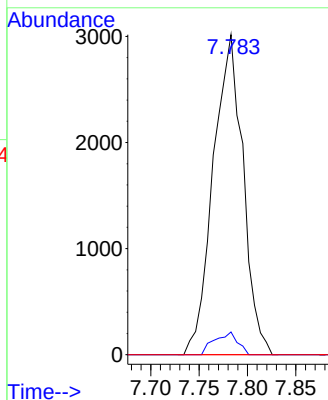
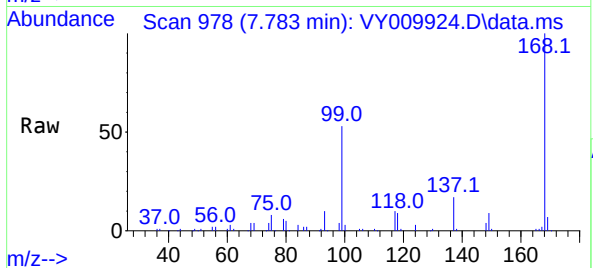




#38
Carbon Tetrachloride
Concen: 5.252 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009924.D
Acq: 09 Aug 2022 16:58

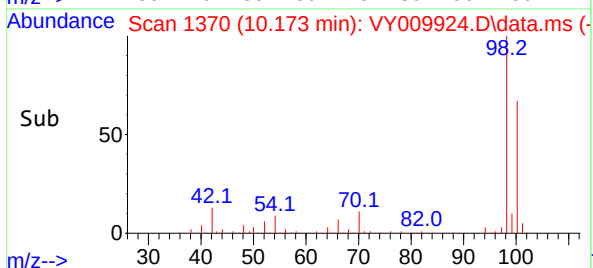
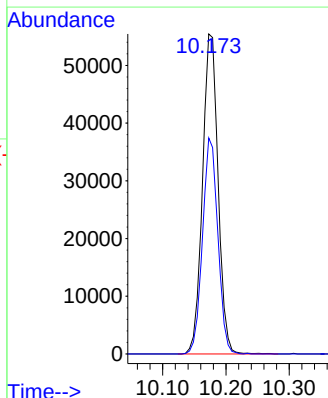
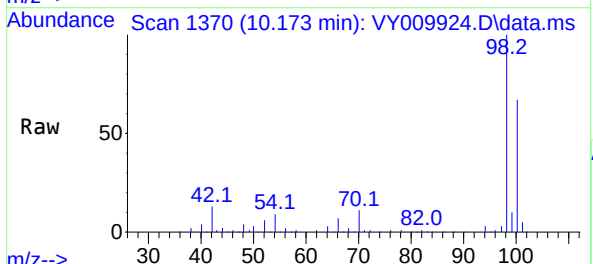
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD

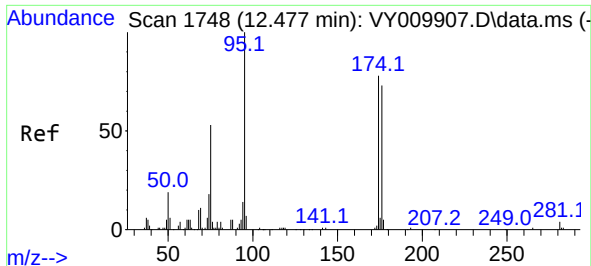
Tgt Ion:117 Resp: 6472
Ion Ratio Lower Upper
117 100
119 7.1 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 41.509 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009924.D
Acq: 09 Aug 2022 16:58

Tgt Ion: 98 Resp: 95063
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3

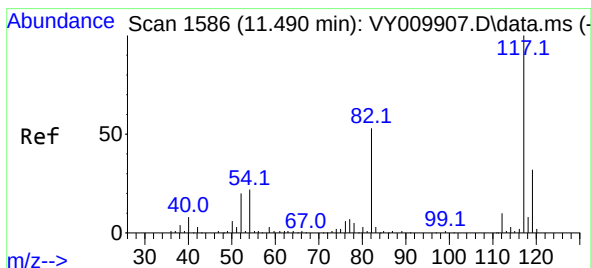
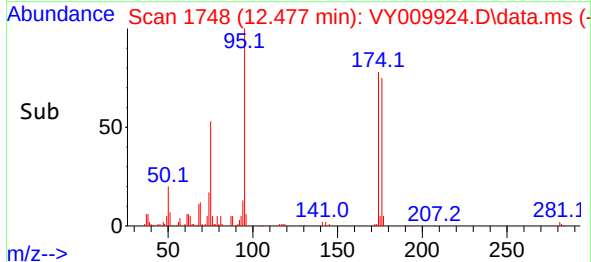
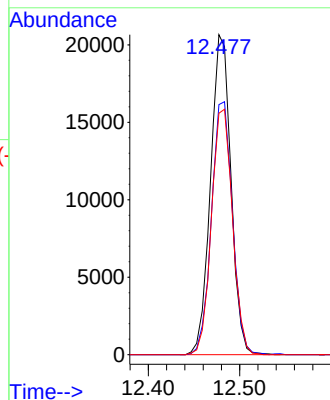
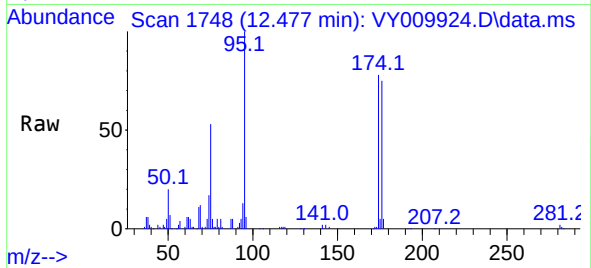




#62
4-Bromofluorobenzene
Concen: 31.153 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009924.D
Acq: 09 Aug 2022 16:58

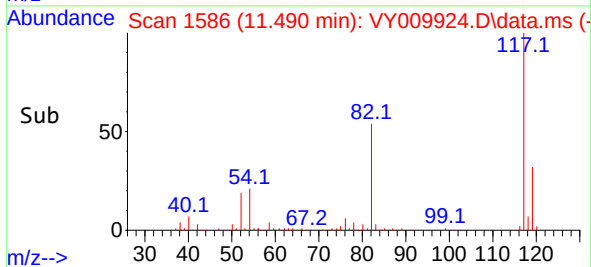
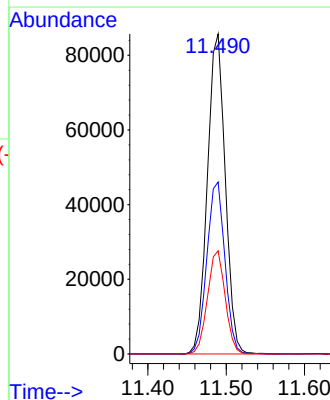
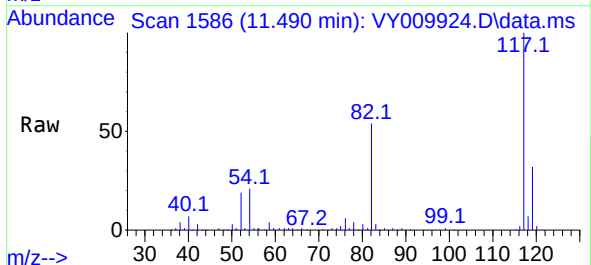
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD

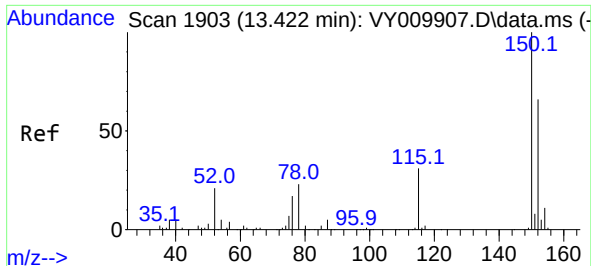
Tgt Ion: 95 Resp: 32006
Ion Ratio Lower Upper
95 100
174 81.3 0.0 173.8
176 79.0 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009924.D
Acq: 09 Aug 2022 16:58

Tgt Ion: 117 Resp: 135675
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.6
119 32.3 25.6 38.4

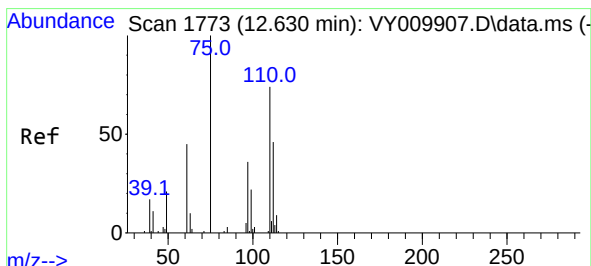
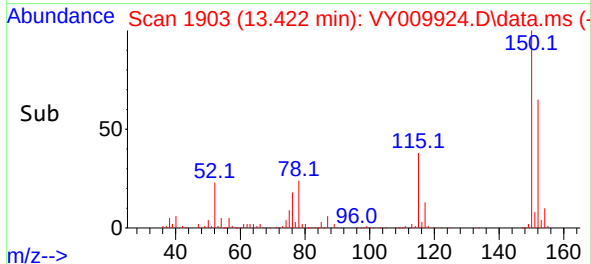
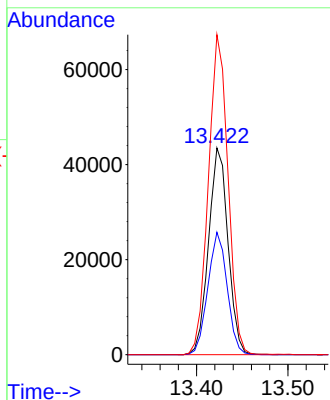
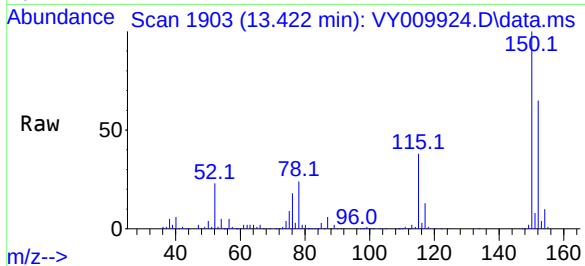




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009924.D
 Acq: 09 Aug 2022 16:58

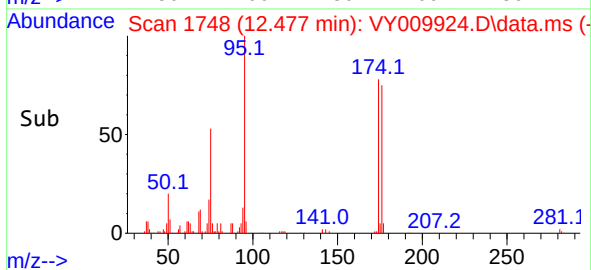
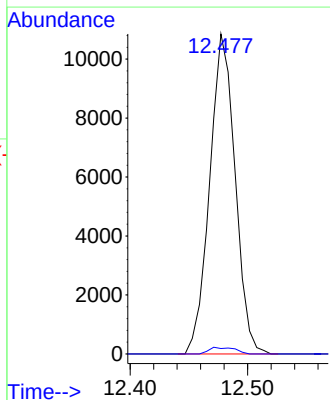
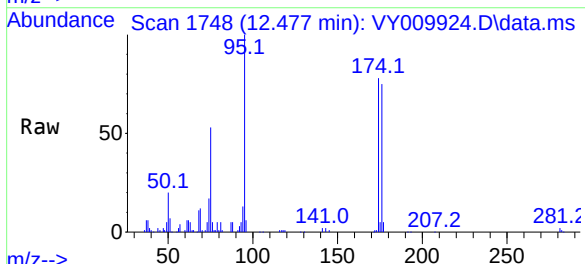
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-DD

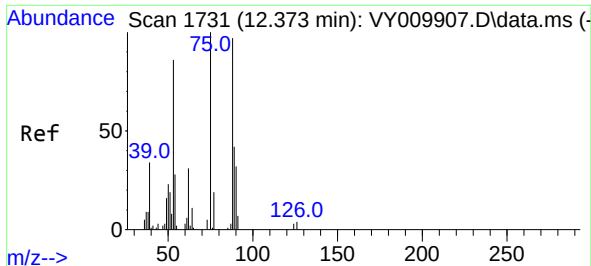
Tgt Ion:152 Resp: 64307
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.6 85.9
 150 155.7 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 23.204 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009924.D
 Acq: 09 Aug 2022 16:58

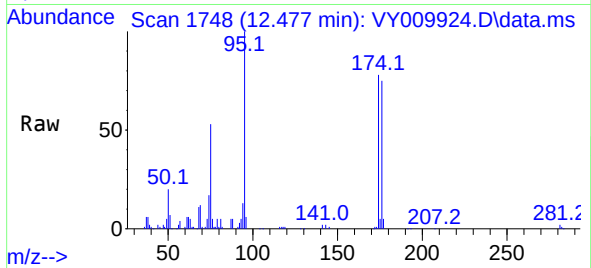
Tgt Ion: 75 Resp: 16326
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.914 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009924.D
 Acq: 09 Aug 2022 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-DD



Tgt Ion: 75 Resp: 16326
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

