

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009628.D
 Acq On : 21 Jul 2022 13:01
 Operator : KP/MD
 Sample : N3815-01
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-190E

Quant Time: Jul 22 02:29:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

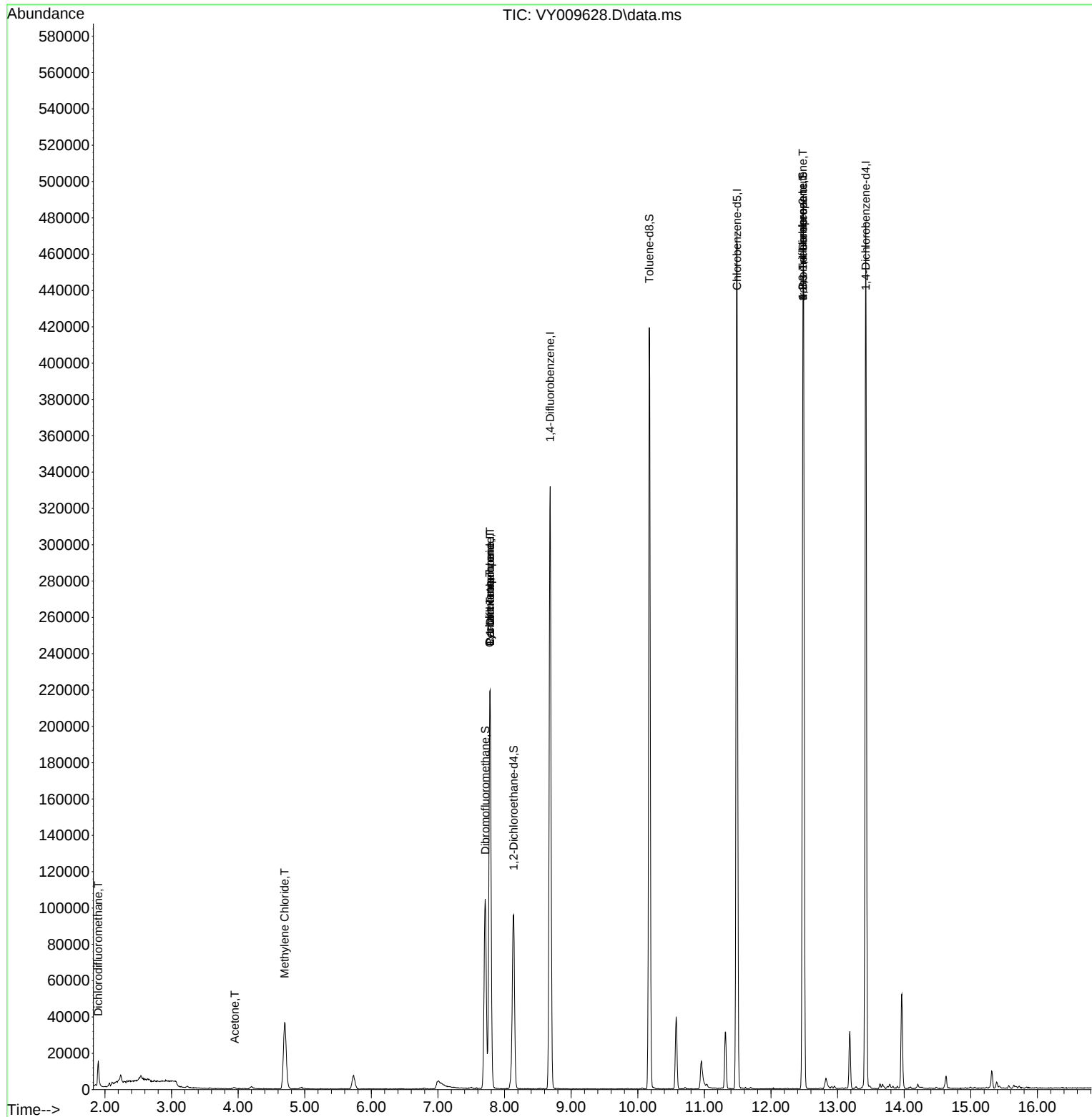
Internal Standards						
1) Pentafluorobenzene	7.783	168	183232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	277577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	74217	42.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.660%
35) Dibromofluoromethane	7.710	113	74587	40.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.140%
50) Toluene-d8	10.173	98	276450	38.628	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	77.260%#
62) 4-Bromofluorobenzene	12.477	95	89452	38.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	77.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	10399	6.468	ug/l	99
11) Tert butyl alcohol	4.954	59	1481	Below Cal		96
16) Acetone	3.948	43	1478	3.372	ug/l	95
20) Methylene Chloride	4.698	84	29531	4.395	ug/l #	74
31) Cyclohexane	7.777	56	3081	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12213	4.439	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16560	5.750	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	45697	37.213	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45697	73.376	ug/l #	8

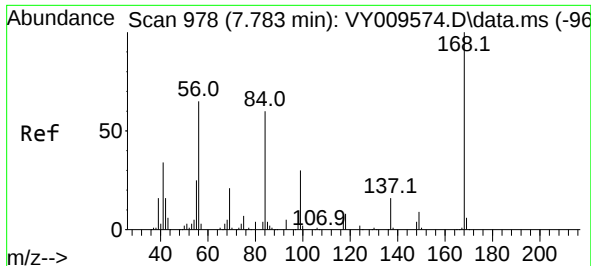
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
Data File : VY009628.D
Acq On : 21 Jul 2022 13:01
Operator : KP/MD
Sample : N3815-01
Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-190E

Quant Time: Jul 22 02:29:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

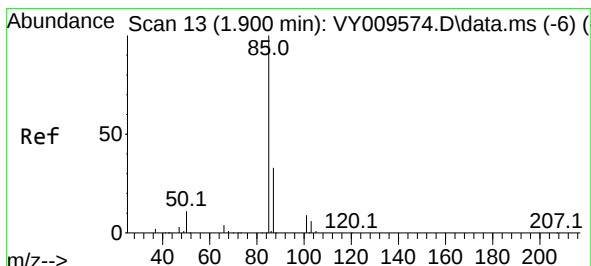
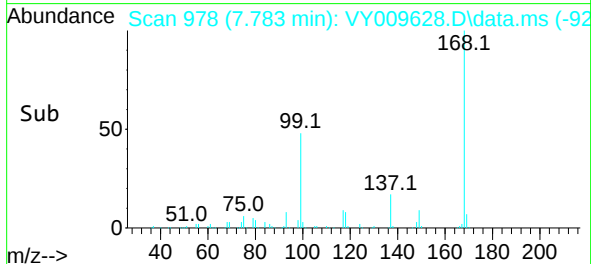
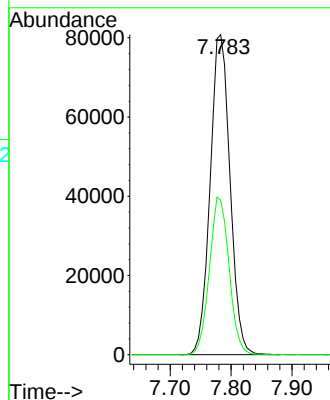
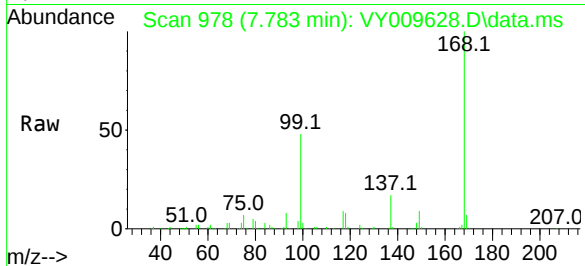




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

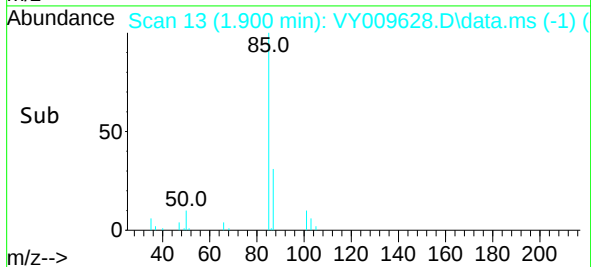
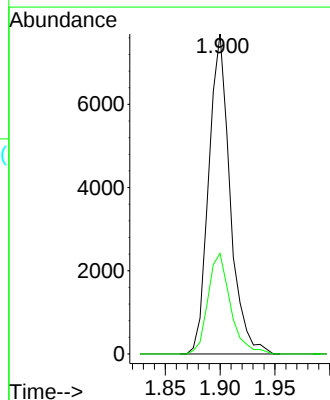
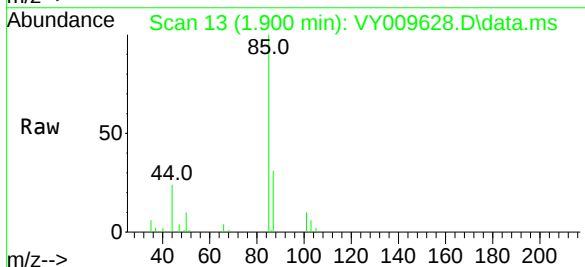
Instrument :
MSVOA_Y
ClientSampleId :
MH-190E

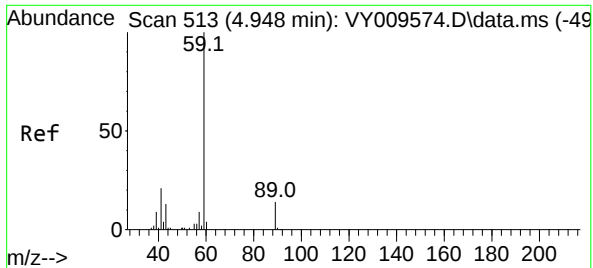
Tgt Ion:168 Resp: 183232
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 6.468 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

Tgt Ion: 85 Resp: 10399
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2

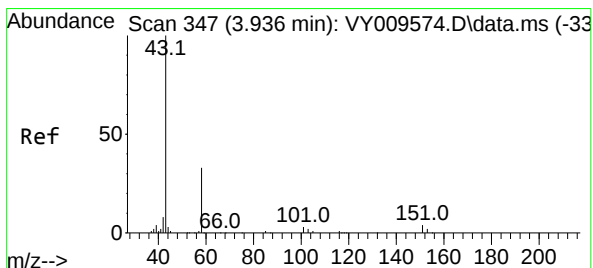
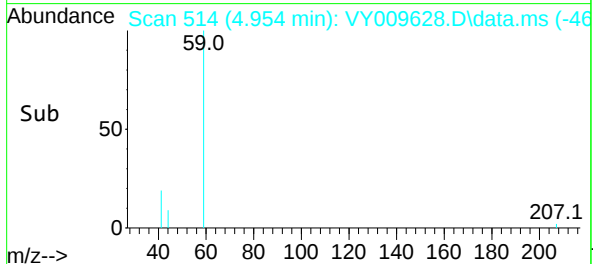
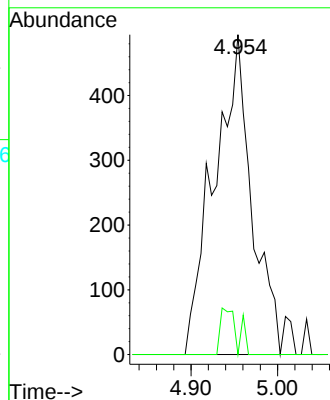
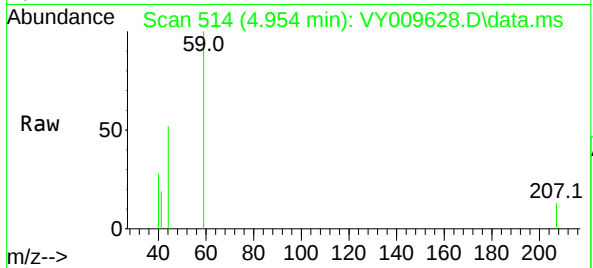




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

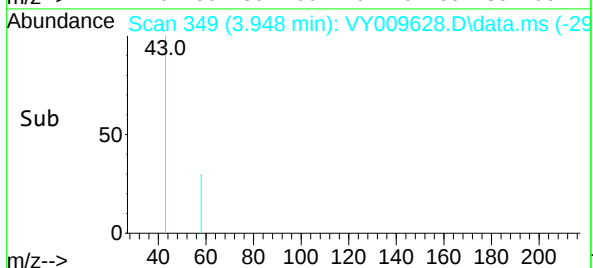
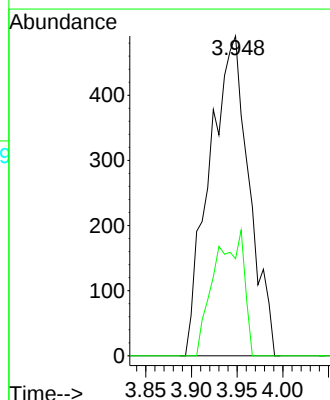
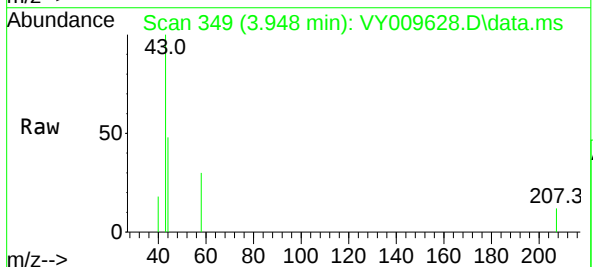
Instrument :
MSVOA_Y
ClientSampleId :
MH-190E

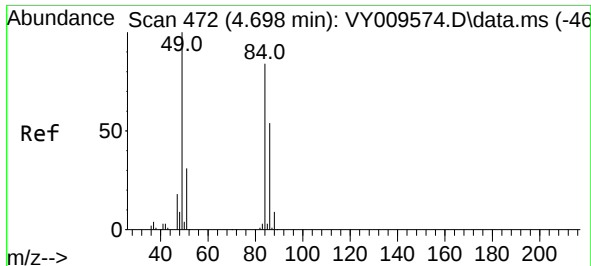
Tgt Ion: 59 Resp: 1481
Ion Ratio Lower Upper
59 100
57 6.5 6.4 9.6



#16
Acetone
Concen: 3.372 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

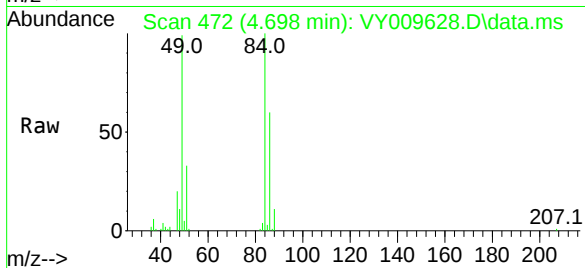
Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
58 30.3 22.0 33.0



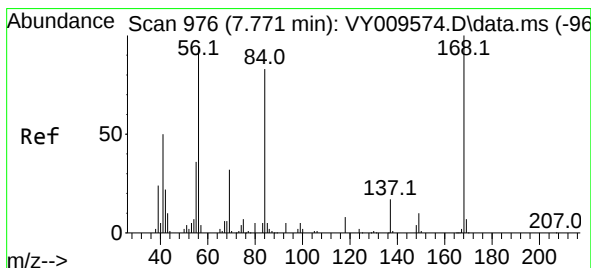
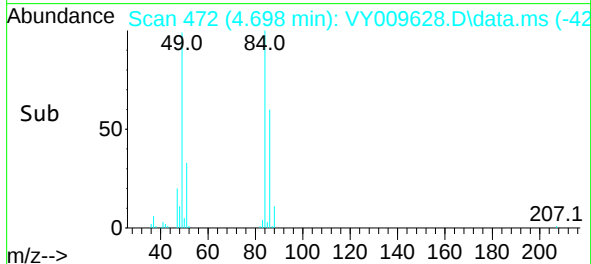
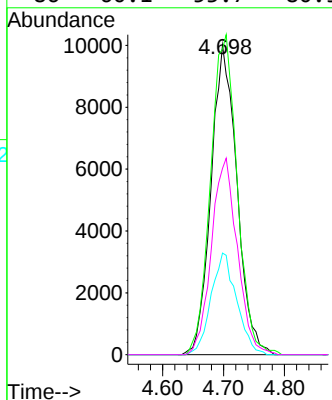


#20
Methylene Chloride
Concen: 4.395 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

Instrument :
MSVOA_Y
ClientSampleId :
MH-190E

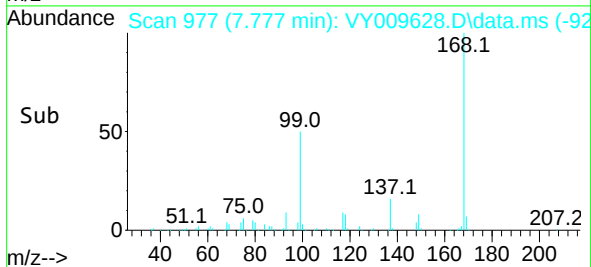
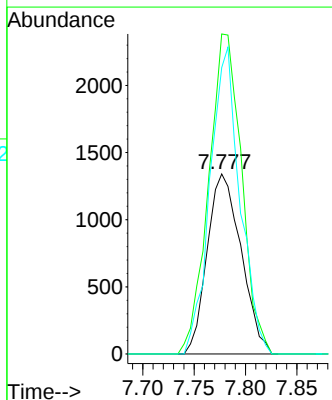
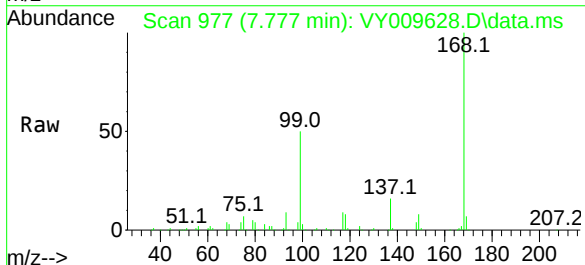


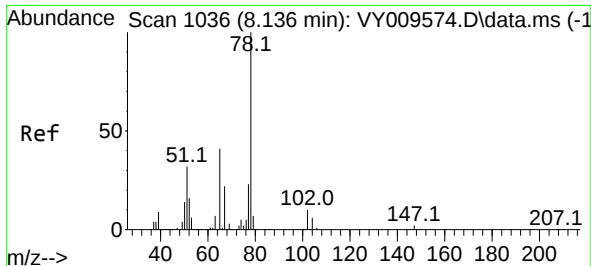
Tgt Ion: 84 Resp: 29531
Ion Ratio Lower Upper
84 100
49 98.6 114.4 171.6#
51 32.8 35.3 52.9#
86 60.1 53.7 80.5



#31
Cyclohexane
Concen: 1.008 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

Tgt Ion: 56 Resp: 3081
Ion Ratio Lower Upper
56 100
69 177.7 26.7 40.1#
84 159.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 42.828 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009628.D

Acq: 21 Jul 2022 13:01

Instrument :

MSVOA_Y

ClientSampleId :

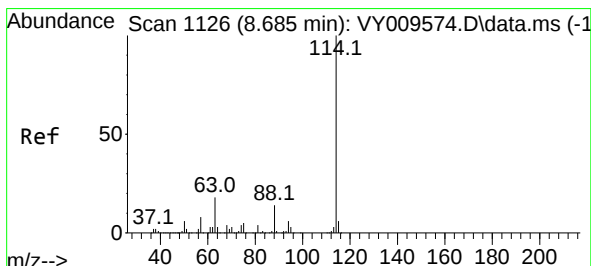
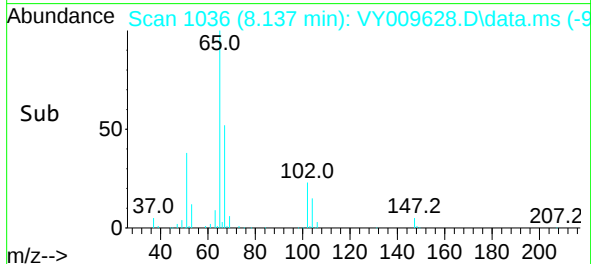
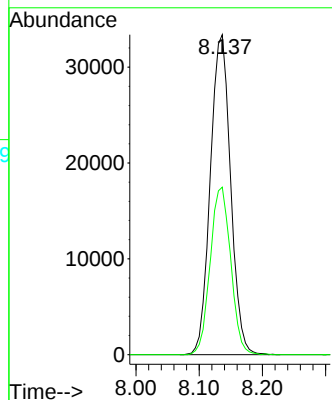
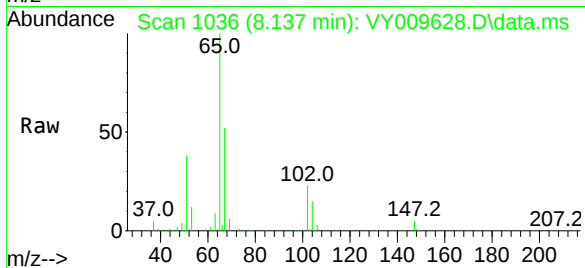
MH-190E

Tgt Ion: 65 Resp: 74217

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009628.D

Acq: 21 Jul 2022 13:01

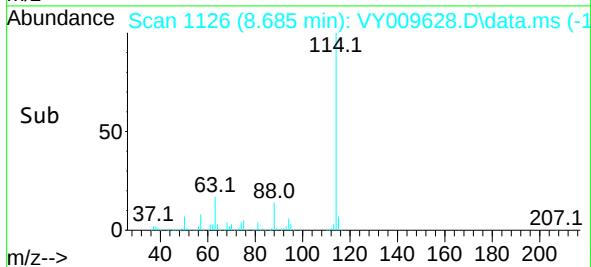
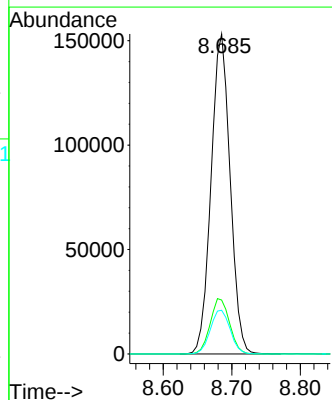
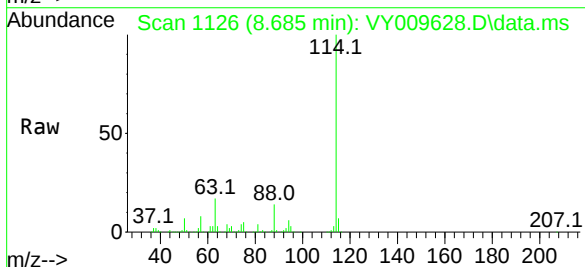
Tgt Ion: 114 Resp: 295499

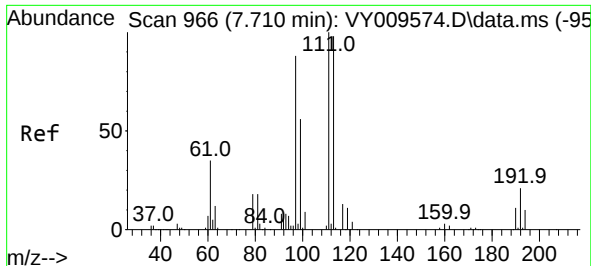
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 13.6 0.0 31.8

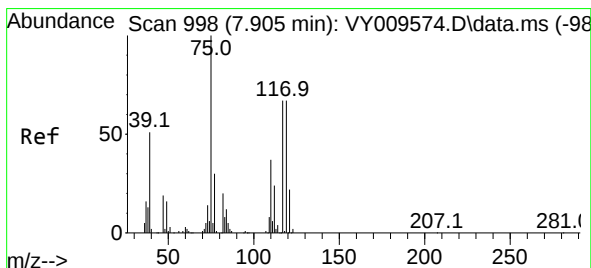
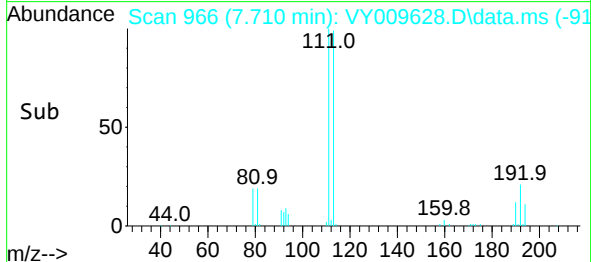
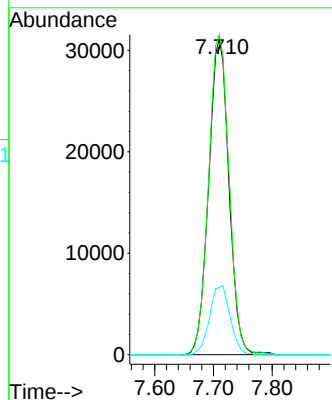
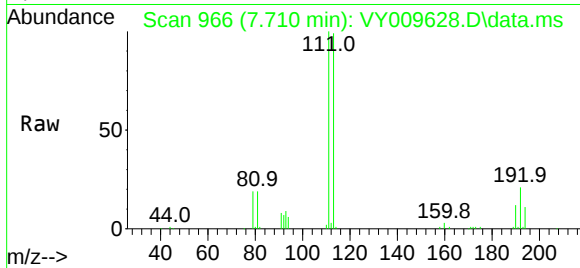




#35
Dibromofluoromethane
Concen: 40.065 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

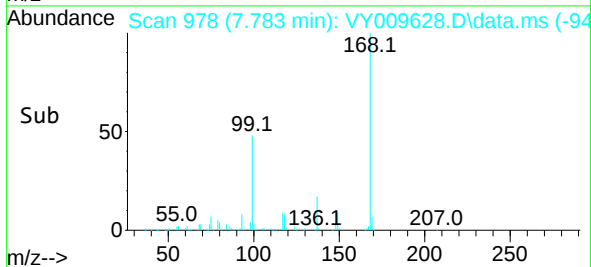
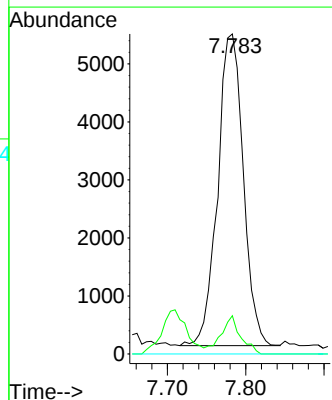
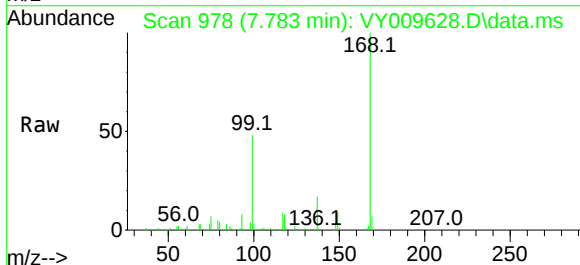
Instrument :
MSVOA_Y
ClientSampleId :
MH-190E

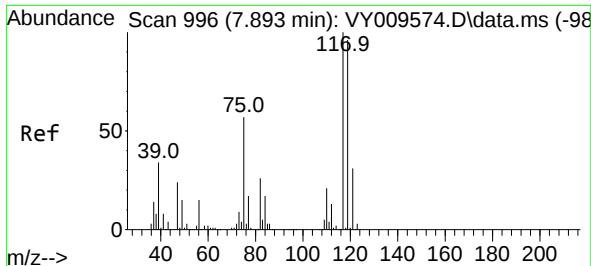
Tgt Ion:113 Resp: 74587
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 22.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.439 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

Tgt Ion: 75 Resp: 12213
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

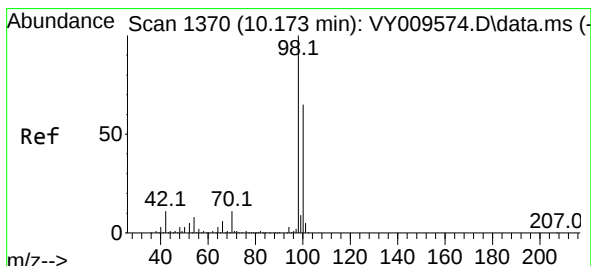
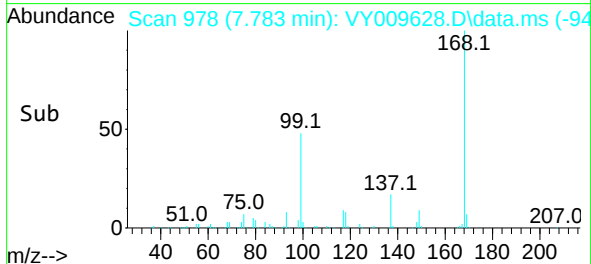
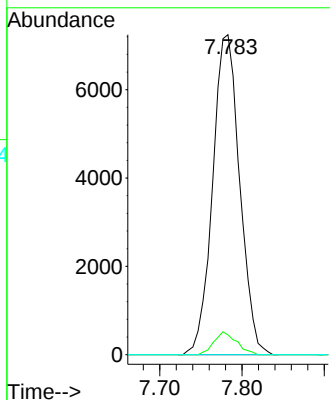
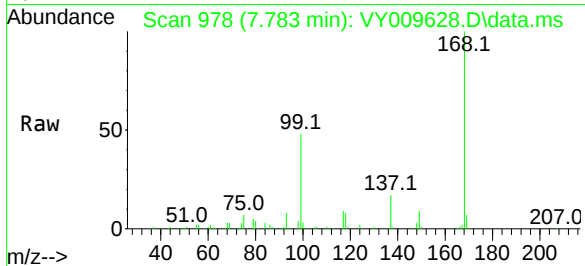




#38
Carbon Tetrachloride
Concen: 5.750 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

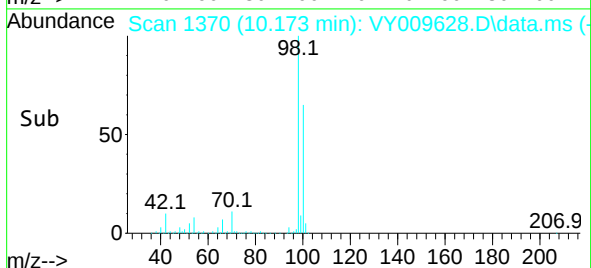
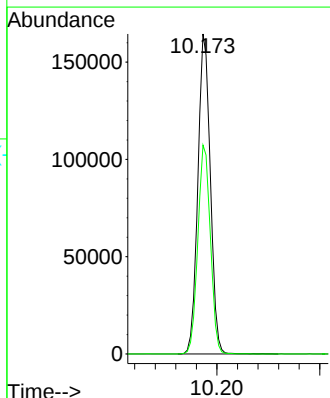
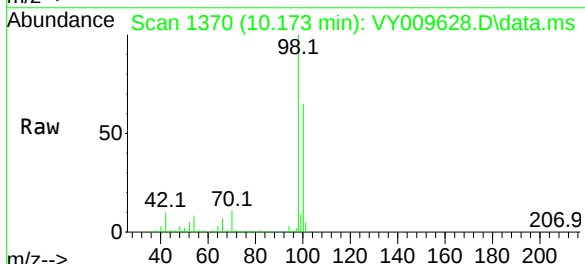
Instrument :
MSVOA_Y
ClientSampleId :
MH-190E

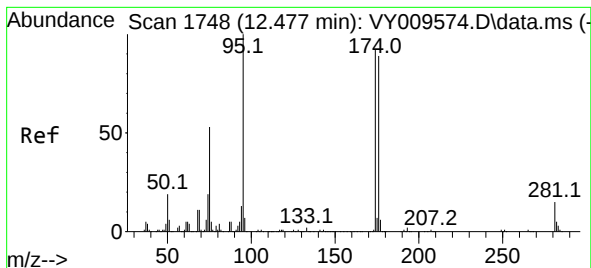
Tgt Ion:117 Resp: 16560
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 38.628 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

Tgt Ion: 98 Resp: 276450
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

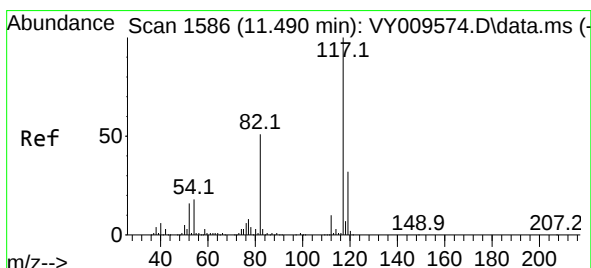
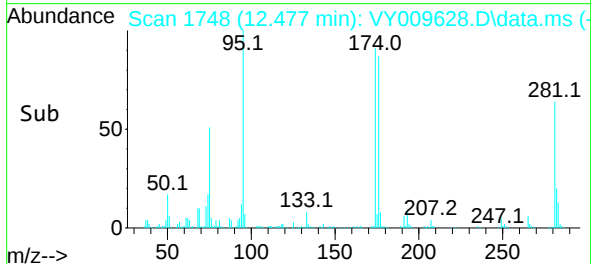
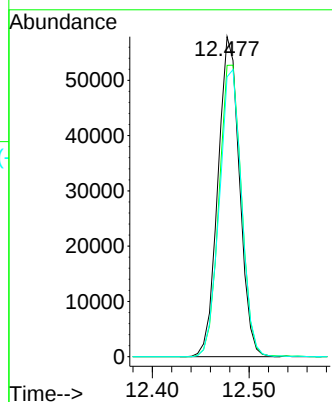
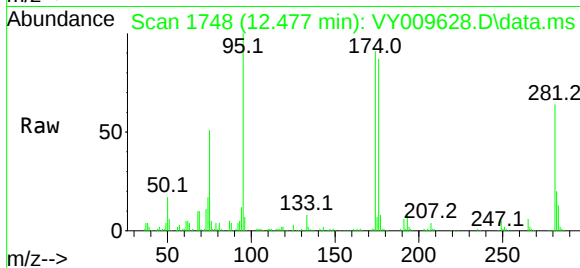




#62
4-Bromofluorobenzene
Concen: 38.574 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

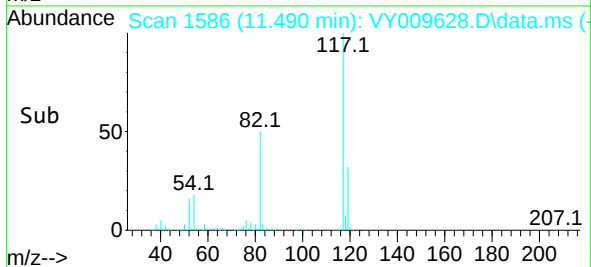
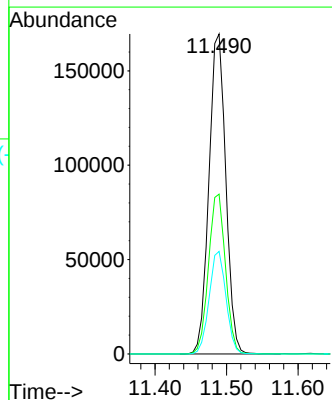
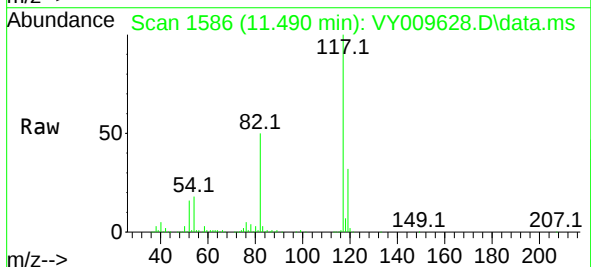
Instrument :
MSVOA_Y
ClientSampleId :
MH-190E

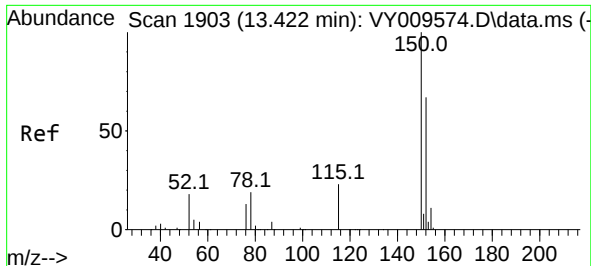
Tgt Ion: 95 Resp: 89452
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 92.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009628.D
Acq: 21 Jul 2022 13:01

Tgt Ion: 117 Resp: 277577
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 32.0 25.4 38.0

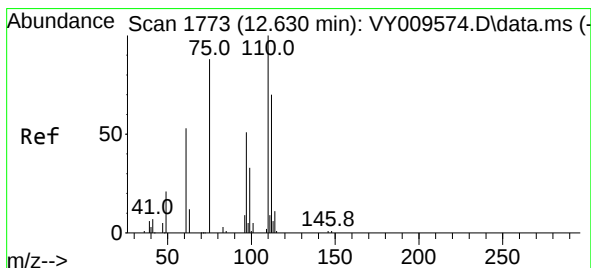
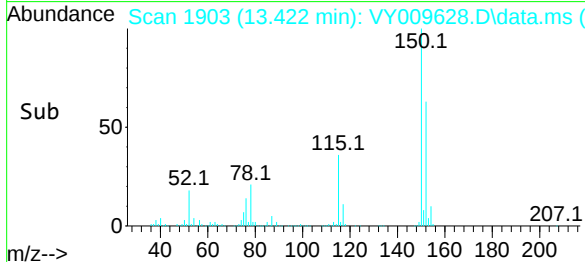
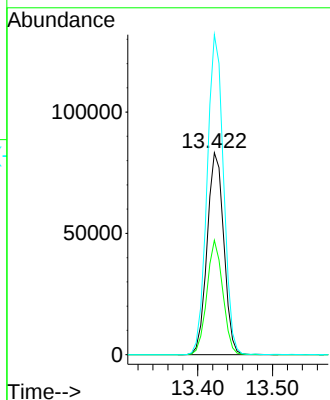
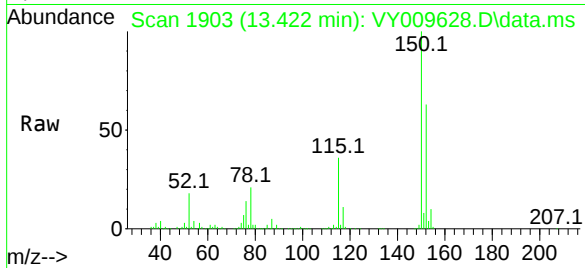




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009628.D
 Acq: 21 Jul 2022 13:01

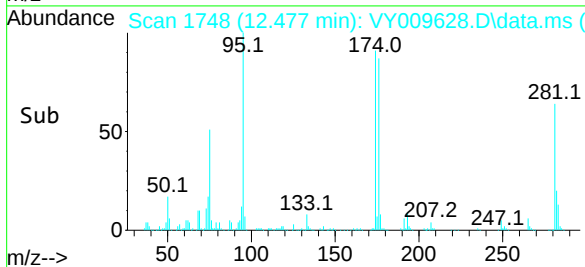
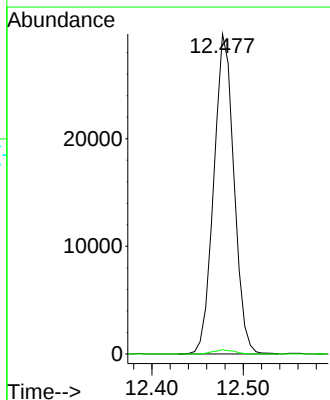
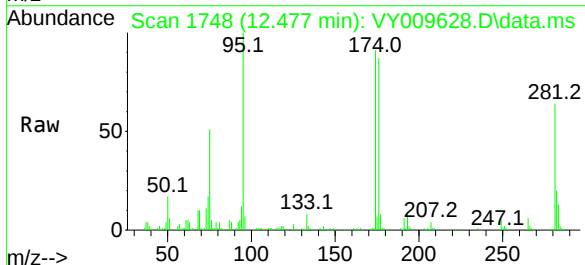
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-190E

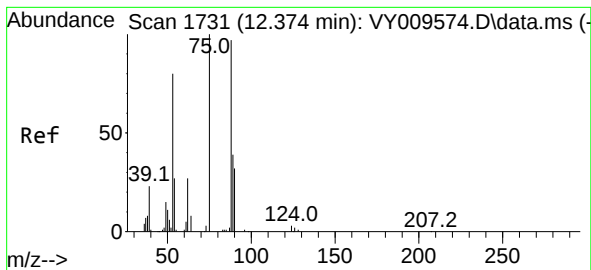
Tgt Ion:152 Resp: 128908
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.2 84.7
 150 156.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 37.213 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009628.D
 Acq: 21 Jul 2022 13:01

Tgt Ion: 75 Resp: 45697
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.376 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009628.D
 Acq: 21 Jul 2022 13:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-190E

Tgt Ion: 75 Resp: 45697
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.3 37.0 55.4#

