

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009854.D
 Acq On : 05 Aug 2022 16:36
 Operator : KP/MD
 Sample : N4032-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-080322

Quant Time: Aug 06 01:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

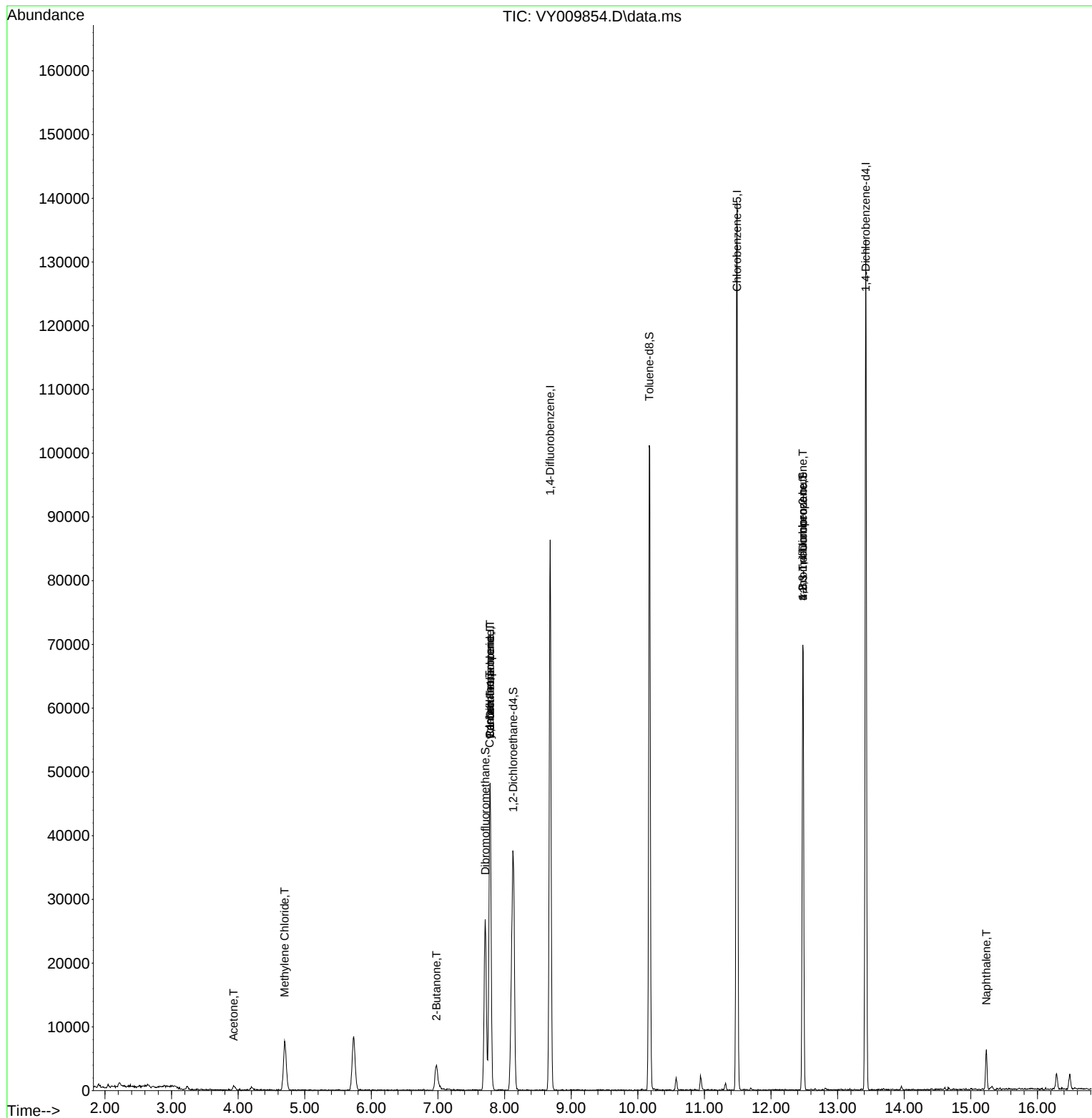
Internal Standards						
1) Pentafluorobenzene	7.782	168	37074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	70930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	74477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	21475	73.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.580%	
35) Dibromofluoromethane	7.709	113	18728	43.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.600%	
50) Toluene-d8	10.172	98	63817	50.306	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.477	95	20479	34.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 69.940%	
Target Compounds						
2) Dichlorodifluoromethane	1.899	85	281	Below Cal	Qvalue 96	
16) Acetone	3.929	43	1225	11.673	ug/l	94
20) Methylene Chloride	4.698	84	5491	4.040	ug/l	93
25) 2-Butanone	6.978	43	237	1.381	ug/l #	53
31) Cyclohexane	7.776	56	873	1.244	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	3039	4.236	ug/l #	48
38) Carbon Tetrachloride	7.782	117	3702	4.906	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	11006	29.528	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11006	63.374	ug/l #	12
95) Naphthalene	15.232	128	5373	9.123	ug/l	99

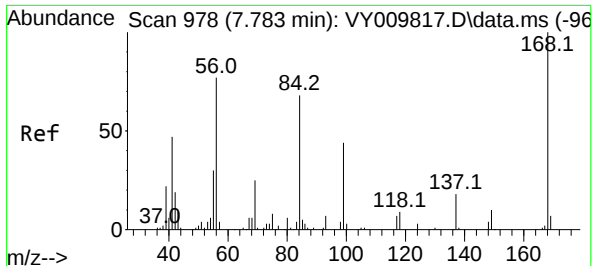
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
Data File : VY009854.D
Acq On : 05 Aug 2022 16:36
Operator : KP/MD
Sample : N4032-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-080322

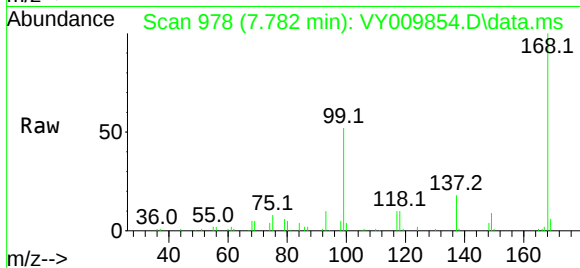
Quant Time: Aug 06 01:19:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 04 02:27:45 2022
Response via : Initial Calibration



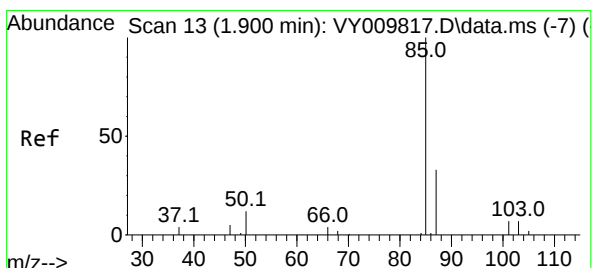
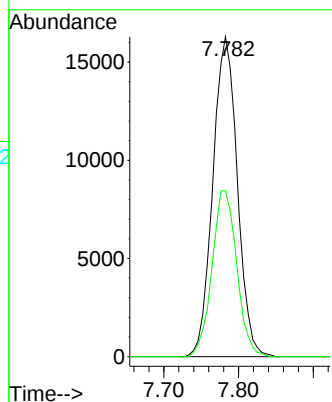
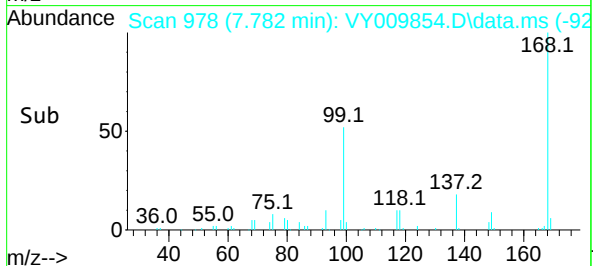


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009854.D
Acq: 05 Aug 2022 16:36

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-080322

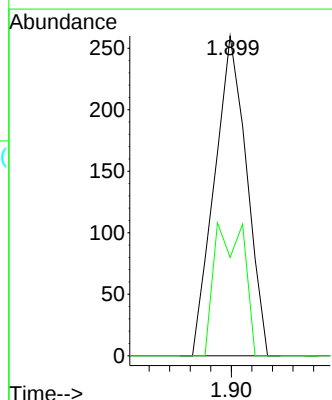
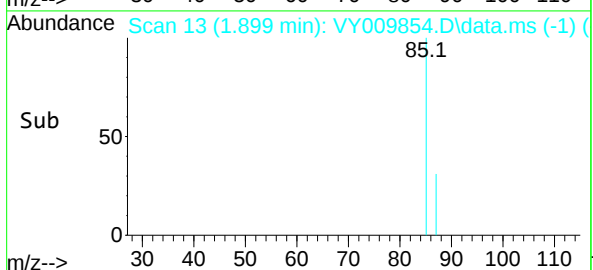
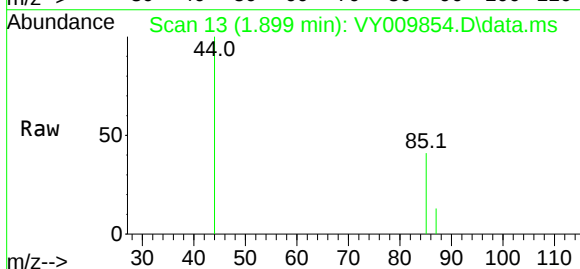


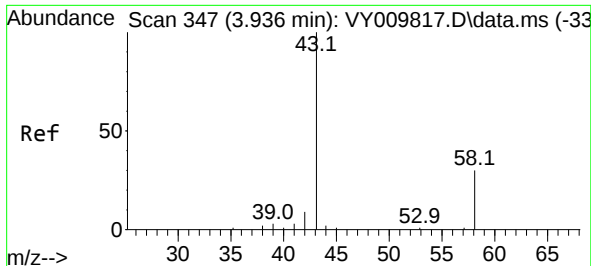
Tgt Ion:168 Resp: 37074
Ion Ratio Lower Upper
168 100
99 51.8 44.7 67.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY009854.D
Acq: 05 Aug 2022 16:36

Tgt Ion: 85 Resp: 281
Ion Ratio Lower Upper
85 100
87 30.8 16.4 49.2

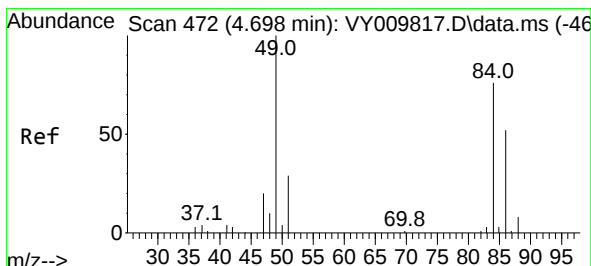
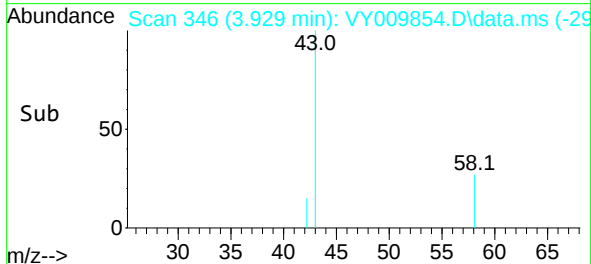
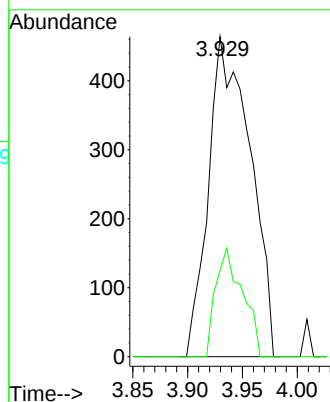
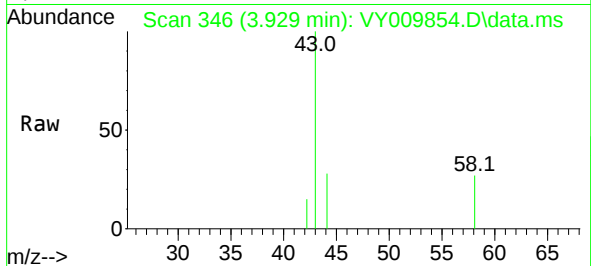




#16
Acetone
Concen: 11.673 ug/l
RT: 3.929 min Scan# 34
Delta R.T. -0.007 min
Lab File: VY009854.D
Acq: 05 Aug 2022 16:36

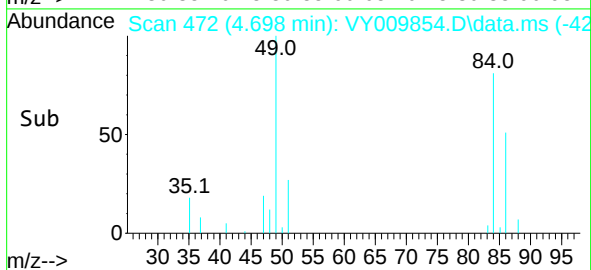
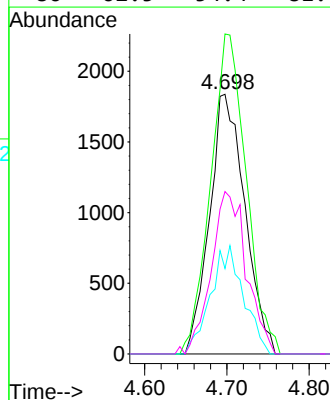
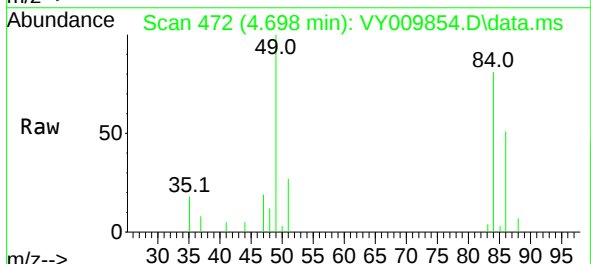
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-080322

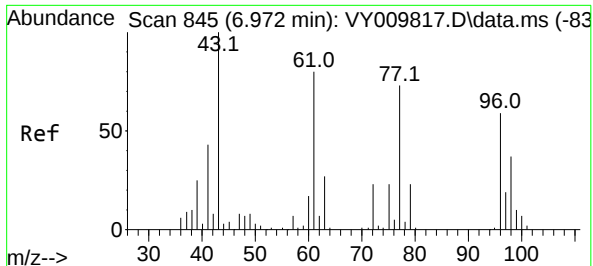
Tgt Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
58 26.9 24.1 36.1



#20
Methylene Chloride
Concen: 4.040 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009854.D
Acq: 05 Aug 2022 16:36

Tgt Ion: 84 Resp: 5491
Ion Ratio Lower Upper
84 100
49 123.2 104.6 156.8
51 32.9 30.9 46.3
86 62.5 54.4 81.6





#25

2-Butanone

Concen: 1.381 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY009854.D

Acq: 05 Aug 2022 16:36

Instrument :

MSVOA_Y

ClientSampleId :

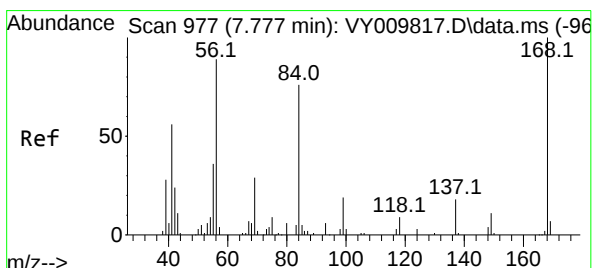
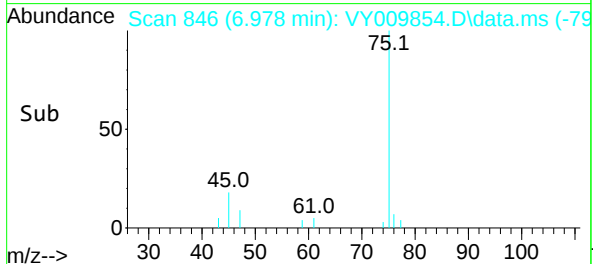
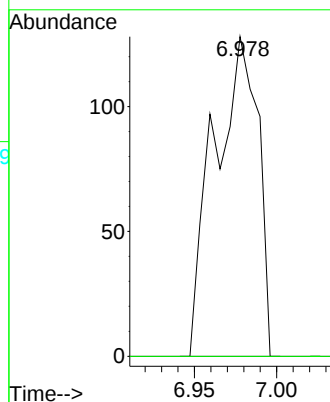
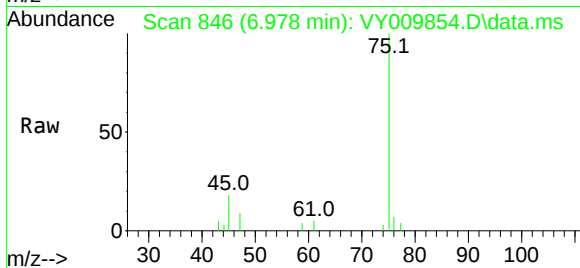
SU-03-080322

Tgt Ion: 43 Resp: 237

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.4#



#31

Cyclohexane

Concen: 1.244 ug/l

RT: 7.776 min Scan# 977

Delta R.T. -0.001 min

Lab File: VY009854.D

Acq: 05 Aug 2022 16:36

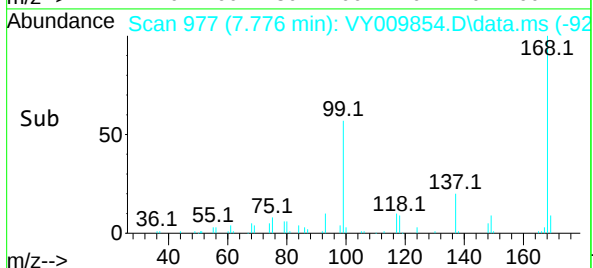
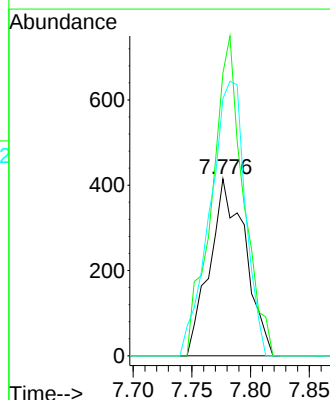
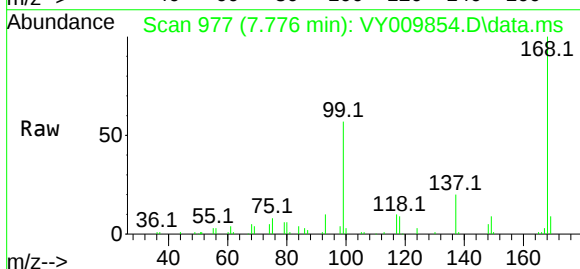
Tgt Ion: 56 Resp: 873

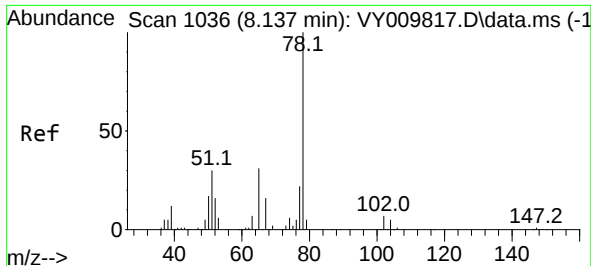
Ion Ratio Lower Upper

56 100

69 159.8 25.8 38.8#

84 145.3 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 73.291 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009854.D

Acq: 05 Aug 2022 16:36

Instrument :

MSVOA_Y

ClientSampleId :

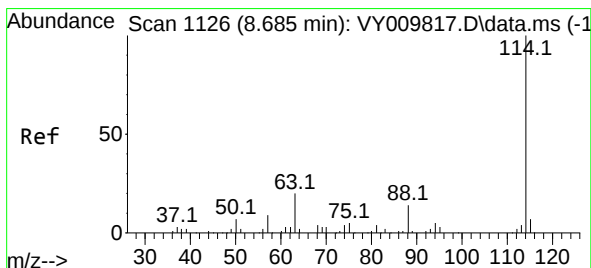
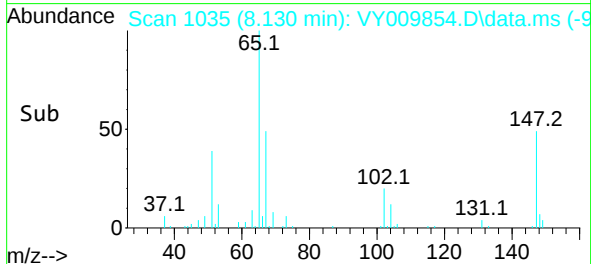
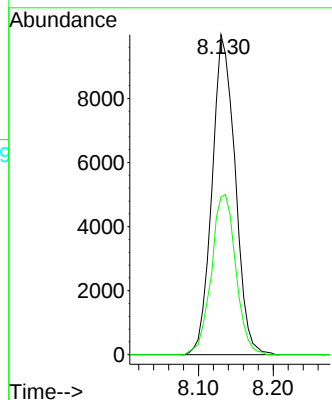
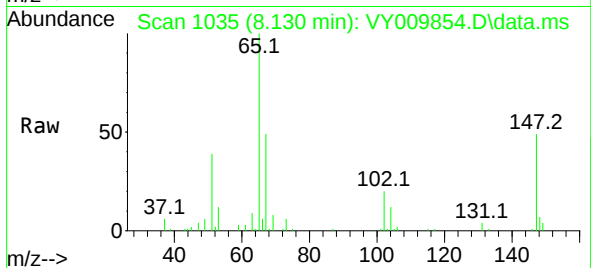
SU-03-080322

Tgt Ion: 65 Resp: 21475

Ion Ratio Lower Upper

65 100

67 52.8 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009854.D

Acq: 05 Aug 2022 16:36

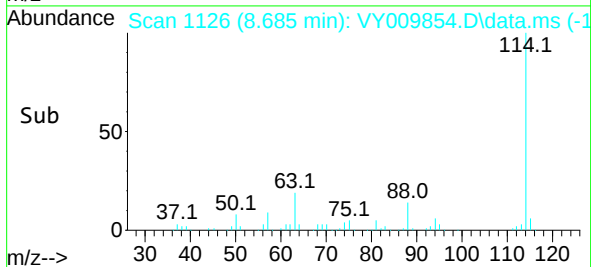
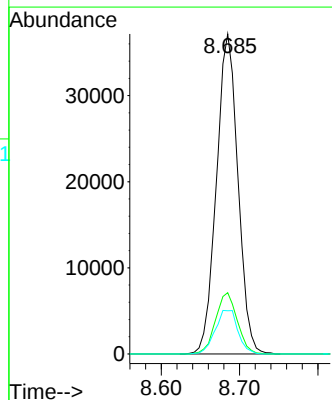
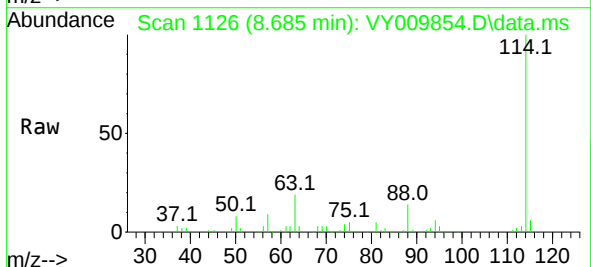
Tgt Ion: 114 Resp: 70930

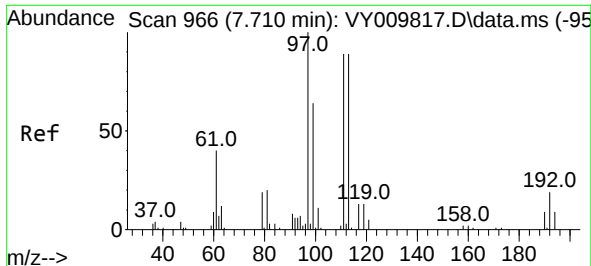
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 13.5 0.0 27.6





#35

Dibromofluoromethane

Concen: 43.305 ug/l

RT: 7.709 min Scan# 91

Delta R.T. -0.001 min

Lab File: VY009854.D

Acq: 05 Aug 2022 16:36

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-080322

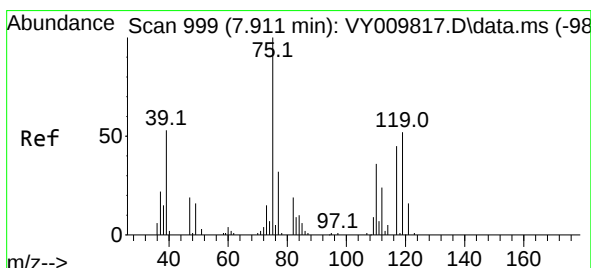
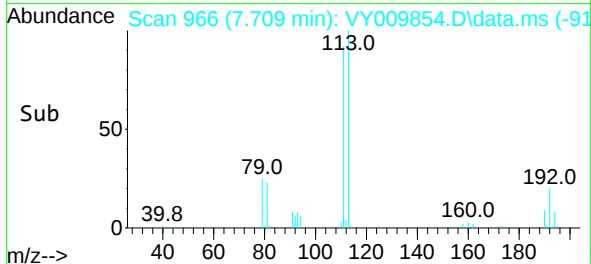
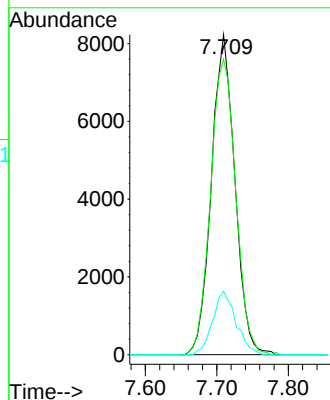
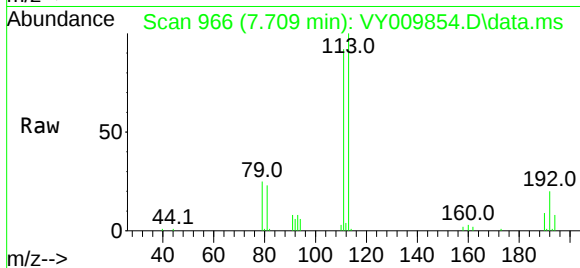
Tgt Ion:113 Resp: 18728

Ion Ratio Lower Upper

113 100

111 99.3 82.4 123.6

192 19.8 16.5 24.7



#36

1,1-Dichloropropene

Concen: 4.236 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.129 min

Lab File: VY009854.D

Acq: 05 Aug 2022 16:36

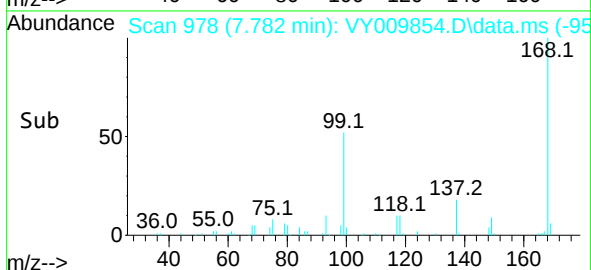
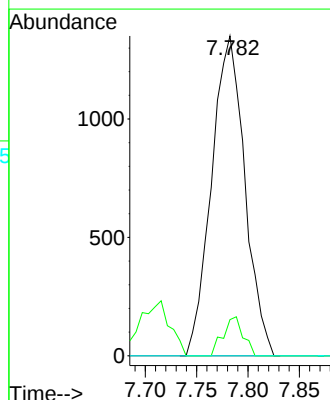
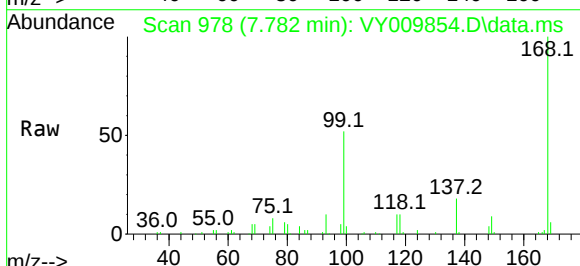
Tgt Ion: 75 Resp: 3039

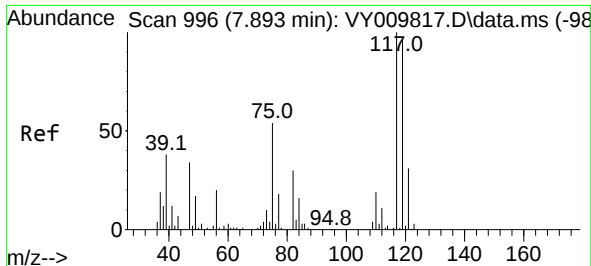
Ion Ratio Lower Upper

75 100

110 7.4 17.8 53.4#

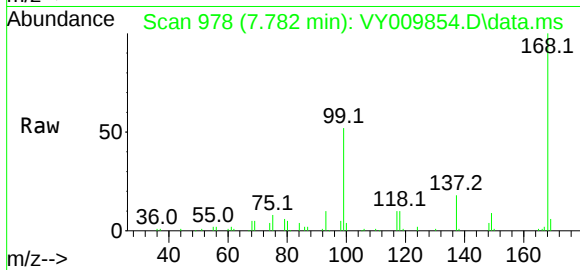
77 0.0 24.6 36.8#



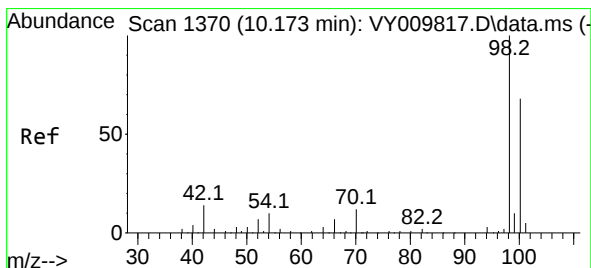
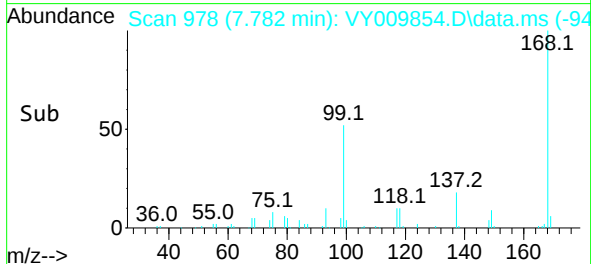
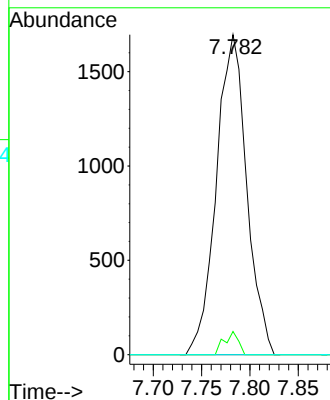


#38
Carbon Tetrachloride
Concen: 4.906 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009854.D
Acq: 05 Aug 2022 16:36

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-080322

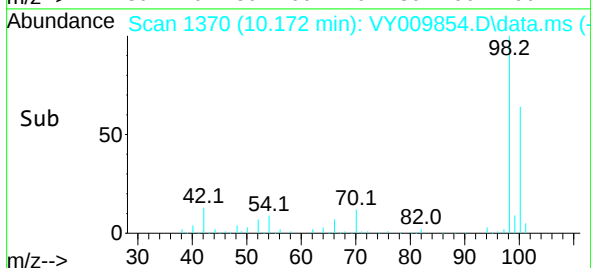
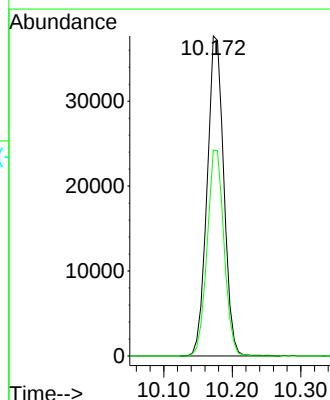
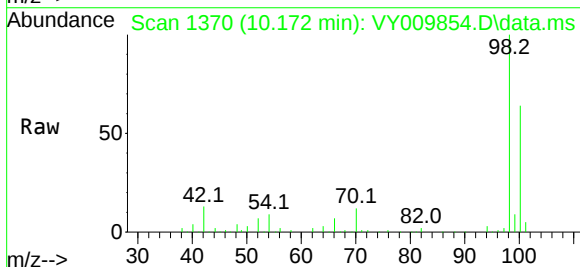


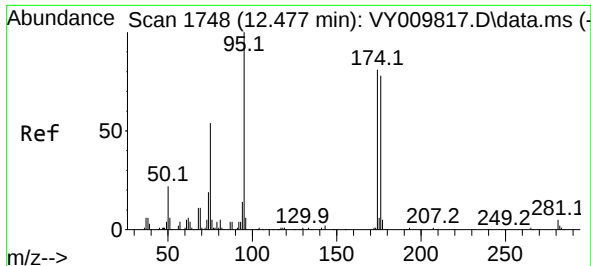
Tgt Ion:117 Resp: 3702
Ion Ratio Lower Upper
117 100
119 7.3 76.8 115.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 50.306 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.001 min
Lab File: VY009854.D
Acq: 05 Aug 2022 16:36

Tgt Ion: 98 Resp: 63817
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.2

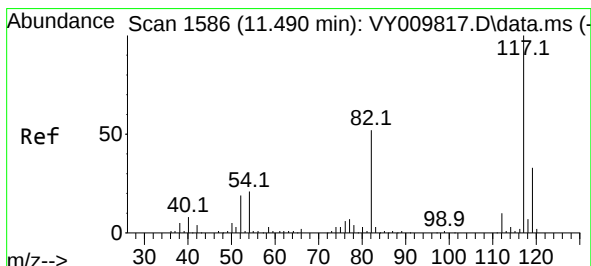
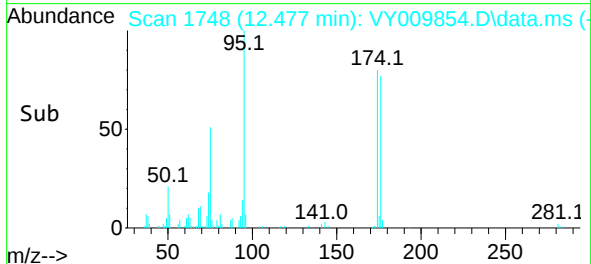
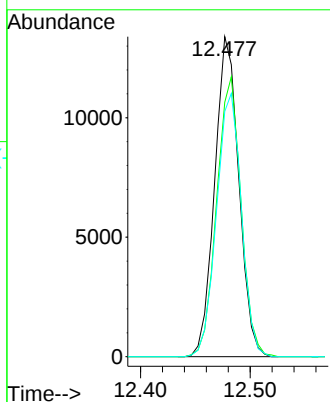
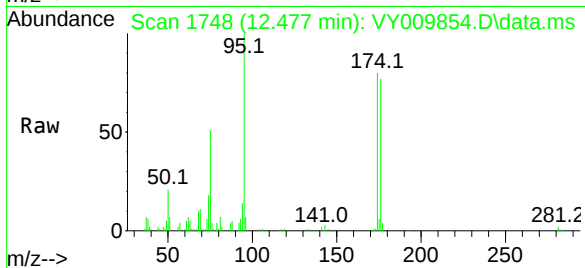




#62
4-Bromofluorobenzene
Concen: 34.970 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.001 min
Lab File: VY009854.D
Acq: 05 Aug 2022 16:36

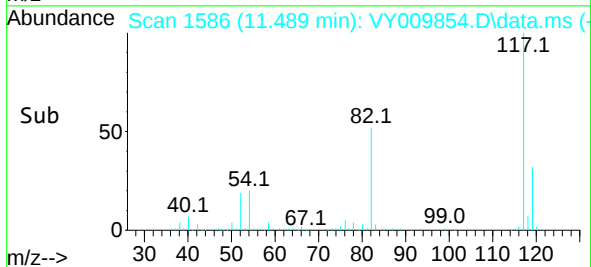
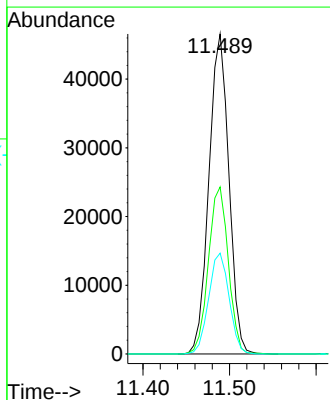
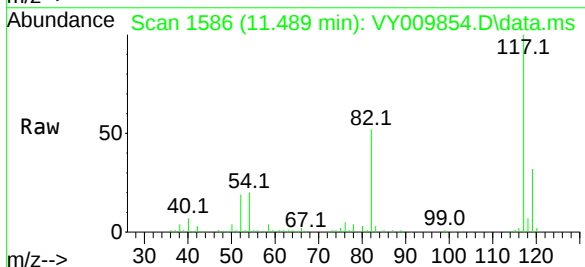
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-080322

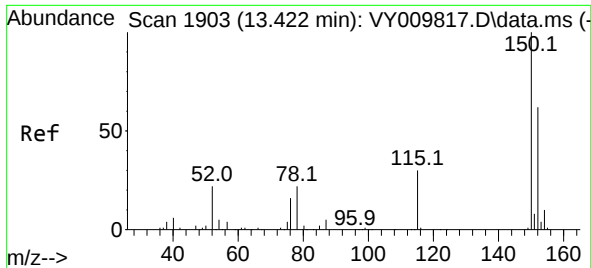
Tgt Ion:	95	Resp:	20479
Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	168.6
176	84.6	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009854.D
Acq: 05 Aug 2022 16:36

Tgt Ion:	117	Resp:	74477
Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.7	62.5
119	31.5	26.6	40.0

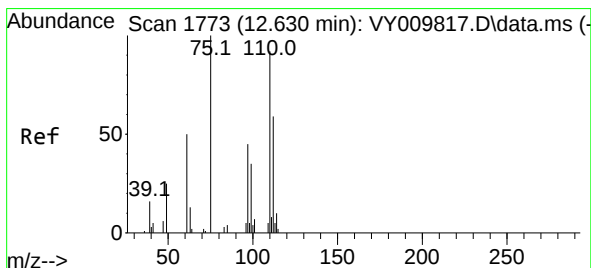
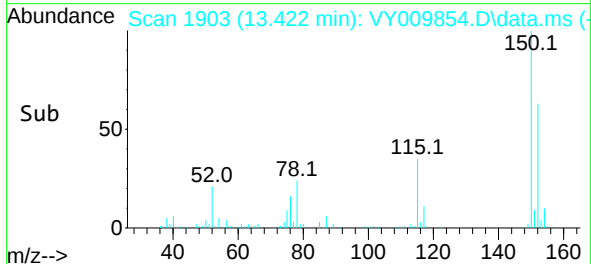
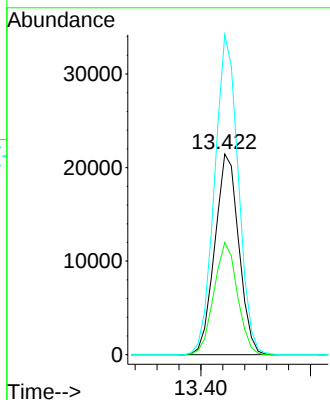
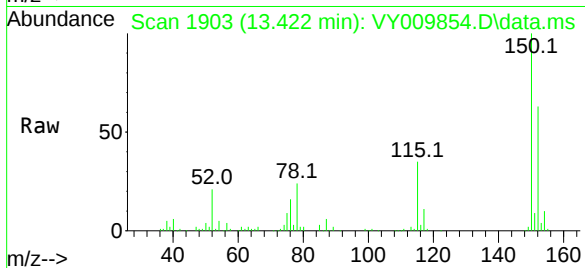




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.001 min
 Lab File: VY009854.D
 Acq: 05 Aug 2022 16:36

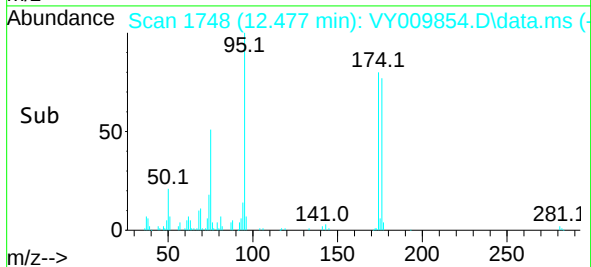
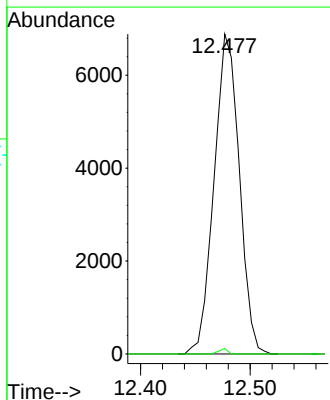
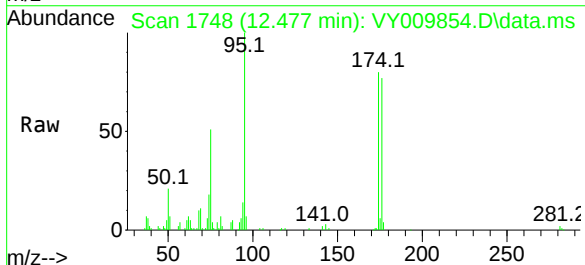
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-080322

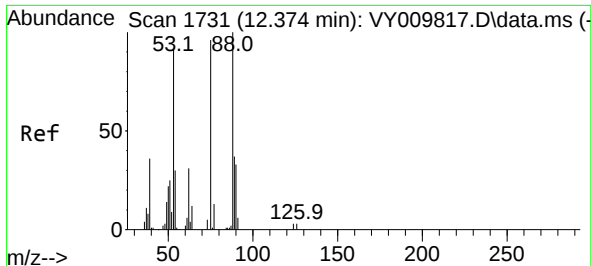
Tgt Ion:152 Resp: 32583
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.9 86.7
 150 157.4 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 29.528 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009854.D
 Acq: 05 Aug 2022 16:36

Tgt Ion: 75 Resp: 11006
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#

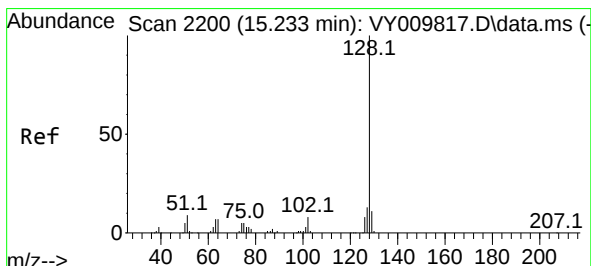
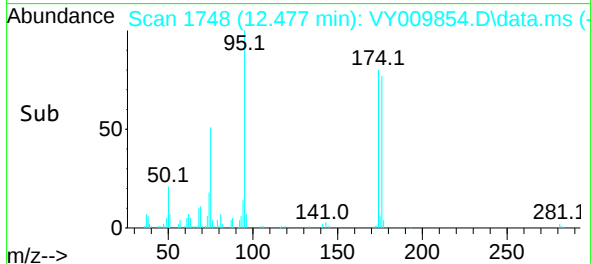
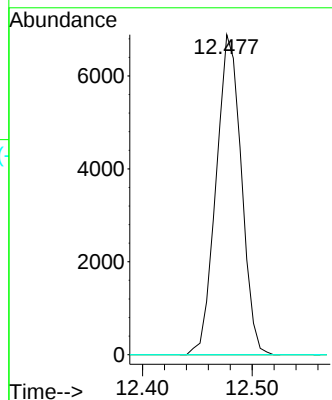
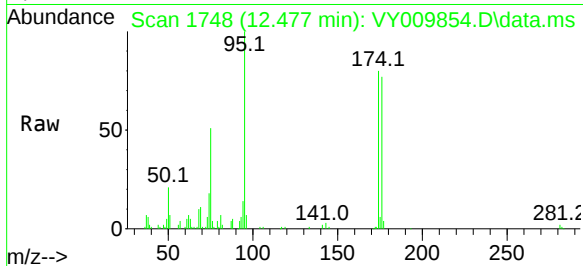




#81
trans-1,4-Dichloro-2-butene
Concen: 63.374 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY009854.D
Acq: 05 Aug 2022 16:36

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-080322

Tgt Ion: 75 Resp: 11006
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 9.123 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.001 min
Lab File: VY009854.D
Acq: 05 Aug 2022 16:36

Tgt Ion: 128 Resp: 5373
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1

