

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\New folder\
 Data File : VU049758.D
 Acq On : 18 Jul 2022 14:04
 Operator : SY/MD
 Sample : N3748-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E8

Quant Time: Jul 18 17:57:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

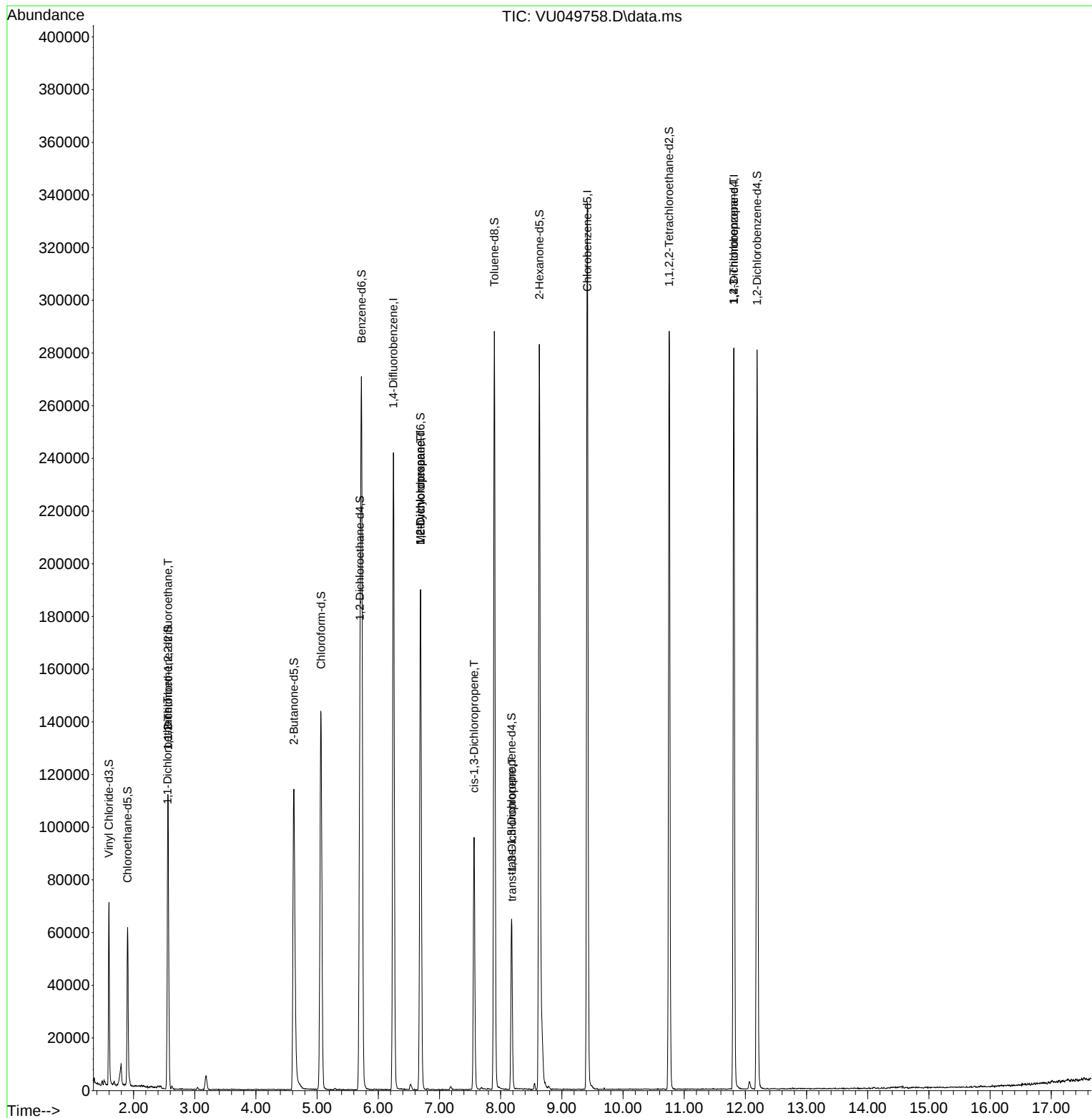
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	181659	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	173681	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70666	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48663	31.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.500%
7) Chloroethane-d5	1.903	69	43144	38.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.880%
11) 1,1-Dichloroethene-d2	2.562	63	67337	24.871	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.740%#
21) 2-Butanone-d5	4.620	46	165334	126.359	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.360%
24) Chloroform-d	5.063	84	131280	48.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	5.700	65	94383	51.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.740%
32) Benzene-d6	5.726	84	232155	43.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.690	67	91534	51.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.160%
41) Toluene-d8	7.896	98	183299	39.892	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.780%#
43) trans-1,3-Dichloroprop...	8.179	79	34737	46.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.920%
47) 2-Hexanone-d5	8.632	63	86365	108.182	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.180%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	140866	56.726	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.460%
66) 1,2-Dichlorobenzene-d4	12.192	152	70578	52.972	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.940%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	534	0.382	ug/L #	20
12) 1,1-Dichloroethene	2.555	96	471	0.363	ug/L #	1
35) Methylcyclohexane	6.690	83	19955	8.047	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9996	5.524	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2389	0.979	ug/L #	76
44) trans-1,3-Dichloropropene	8.185	75	1890	0.825	ug/L	99
60) 1,2,3-Trichloropropane	11.809	75	9990	5.307	ug/L #	70

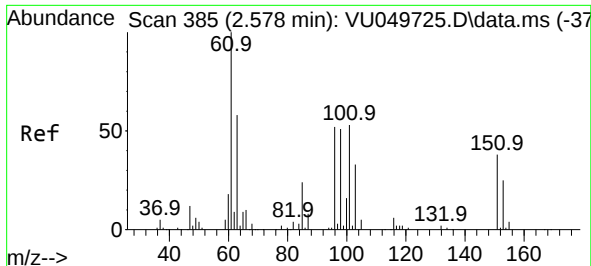
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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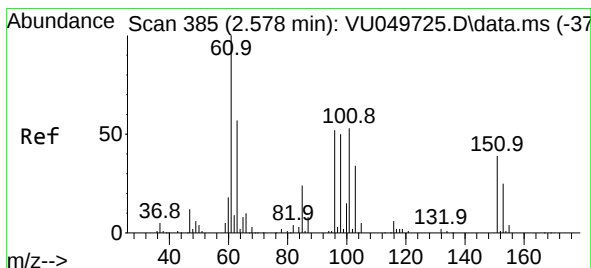
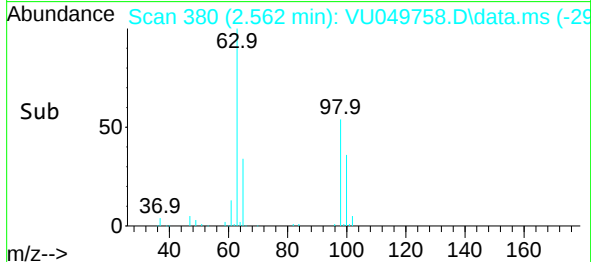
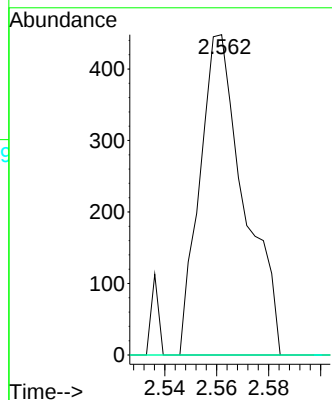
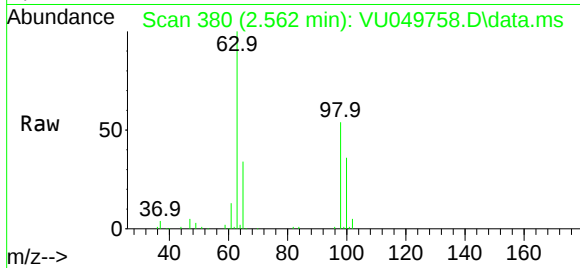




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.382 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU049758.D
 Acq: 18 Jul 2022 14:04

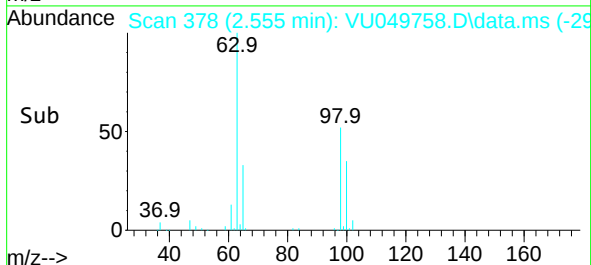
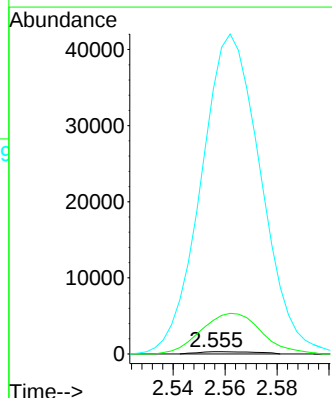
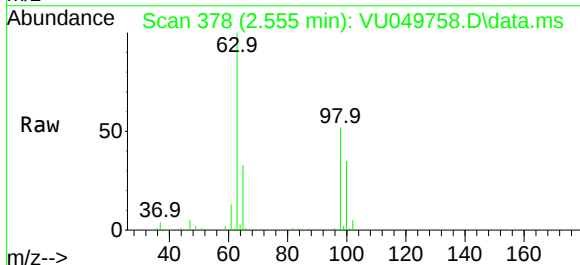
Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E8

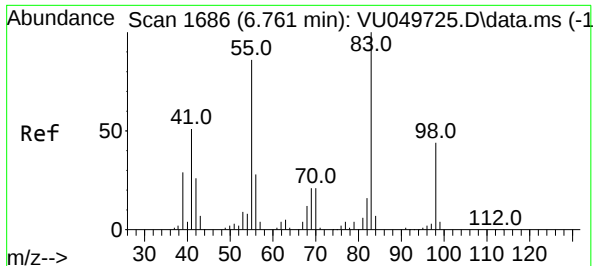
Tgt Ion:101 Resp: 534
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.363 ug/L
 RT: 2.555 min Scan# 378
 Delta R.T. -0.022 min
 Lab File: VU049758.D
 Acq: 18 Jul 2022 14:04

Tgt Ion: 96 Resp: 471
 Ion Ratio Lower Upper
 96 100
 61 1471.7 129.6 240.6#
 63 11594.7 79.0 146.6#

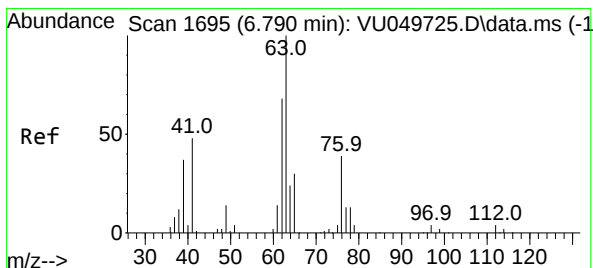
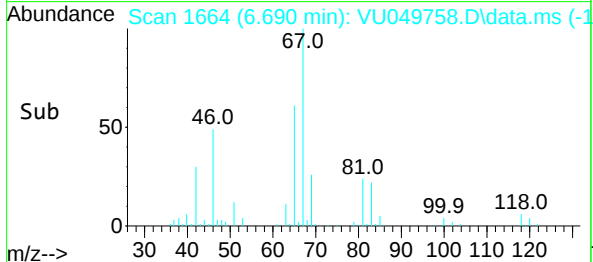
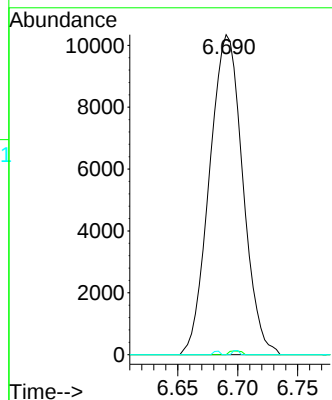
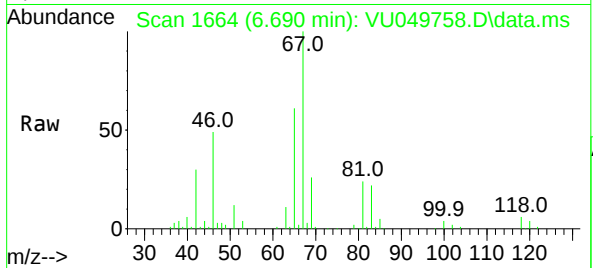




#35
Methylcyclohexane
Concen: 8.047 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049758.D
Acq: 18 Jul 2022 14:04

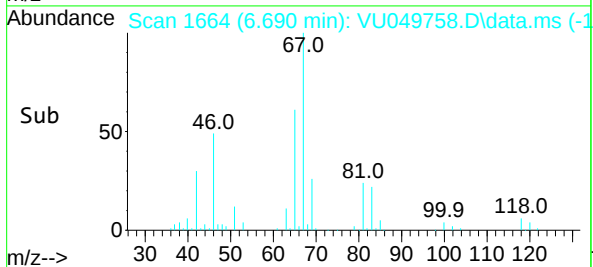
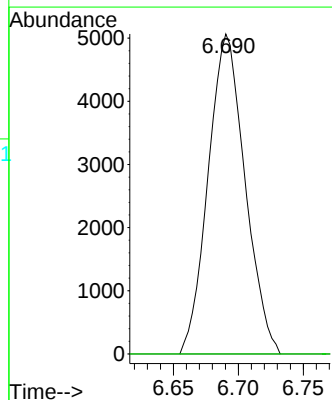
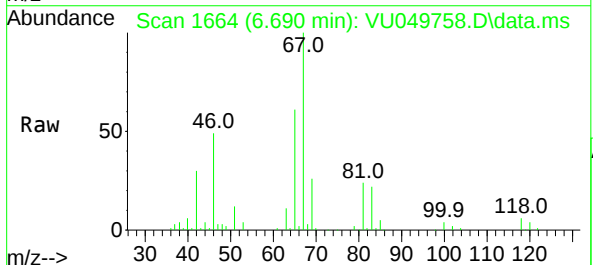
Instrument :
MSVOA_U
ClientSampleId :
BH0E8

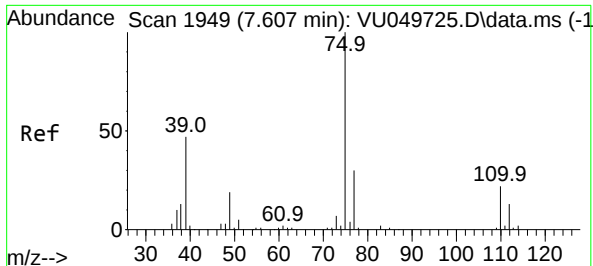
Tgt Ion: 83 Resp: 19955
Ion Ratio Lower Upper
83 100
55 0.4 66.0 99.0#
98 0.3 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 5.524 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049758.D
Acq: 18 Jul 2022 14:04

Tgt Ion: 63 Resp: 9996
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.979 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049758.D

Acq: 18 Jul 2022 14:04

Instrument :

MSVOA_U

ClientSampleId :

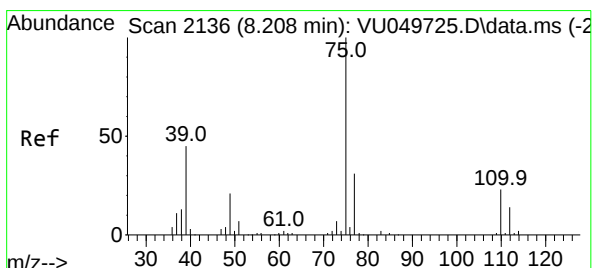
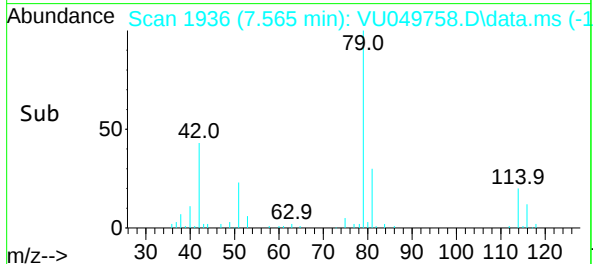
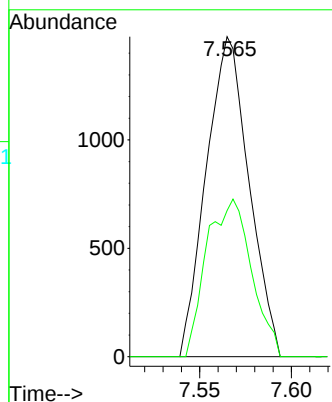
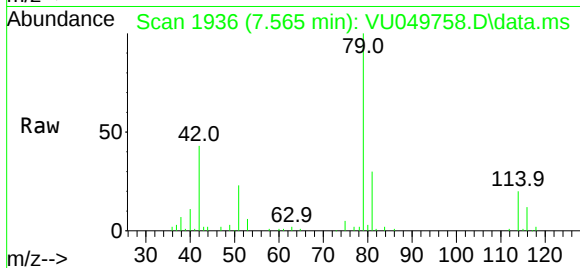
BH0E8

Tgt Ion: 75 Resp: 2389

Ion Ratio Lower Upper

75 100

77 45.7 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.825 ug/L

RT: 8.185 min Scan# 2129

Delta R.T. -0.022 min

Lab File: VU049758.D

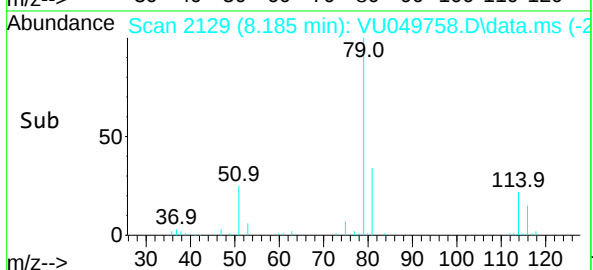
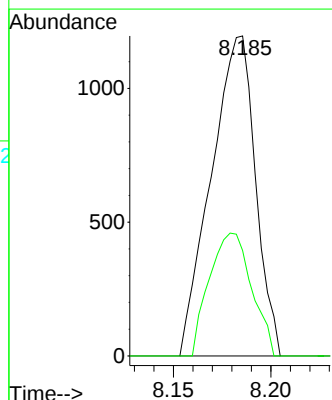
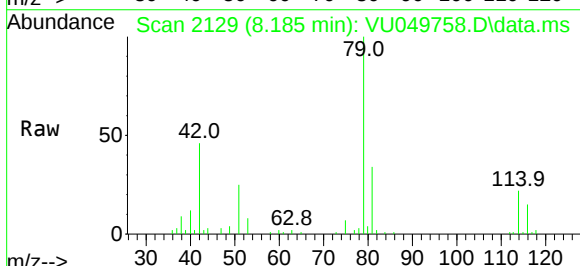
Acq: 18 Jul 2022 14:04

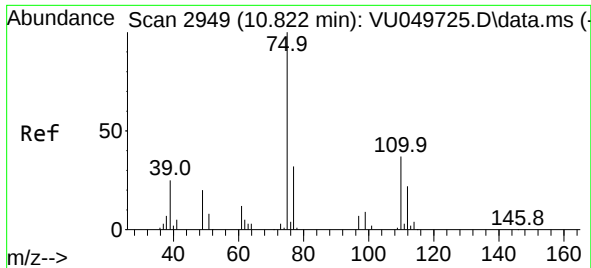
Tgt Ion: 75 Resp: 1890

Ion Ratio Lower Upper

75 100

77 32.9 22.5 41.9





#60
 1,2,3-Trichloropropane
 Concen: 5.307 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049758.D
 Acq: 18 Jul 2022 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E8

Tgt Ion: 75 Resp: 9990
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.5 38.3
 110 2.9 28.9 43.3#

