

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049738.D
 Acq On : 15 Jul 2022 15:48
 Operator : SY/MD
 Sample : N3748-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E3

Quant Time: Jul 15 23:07:16 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)

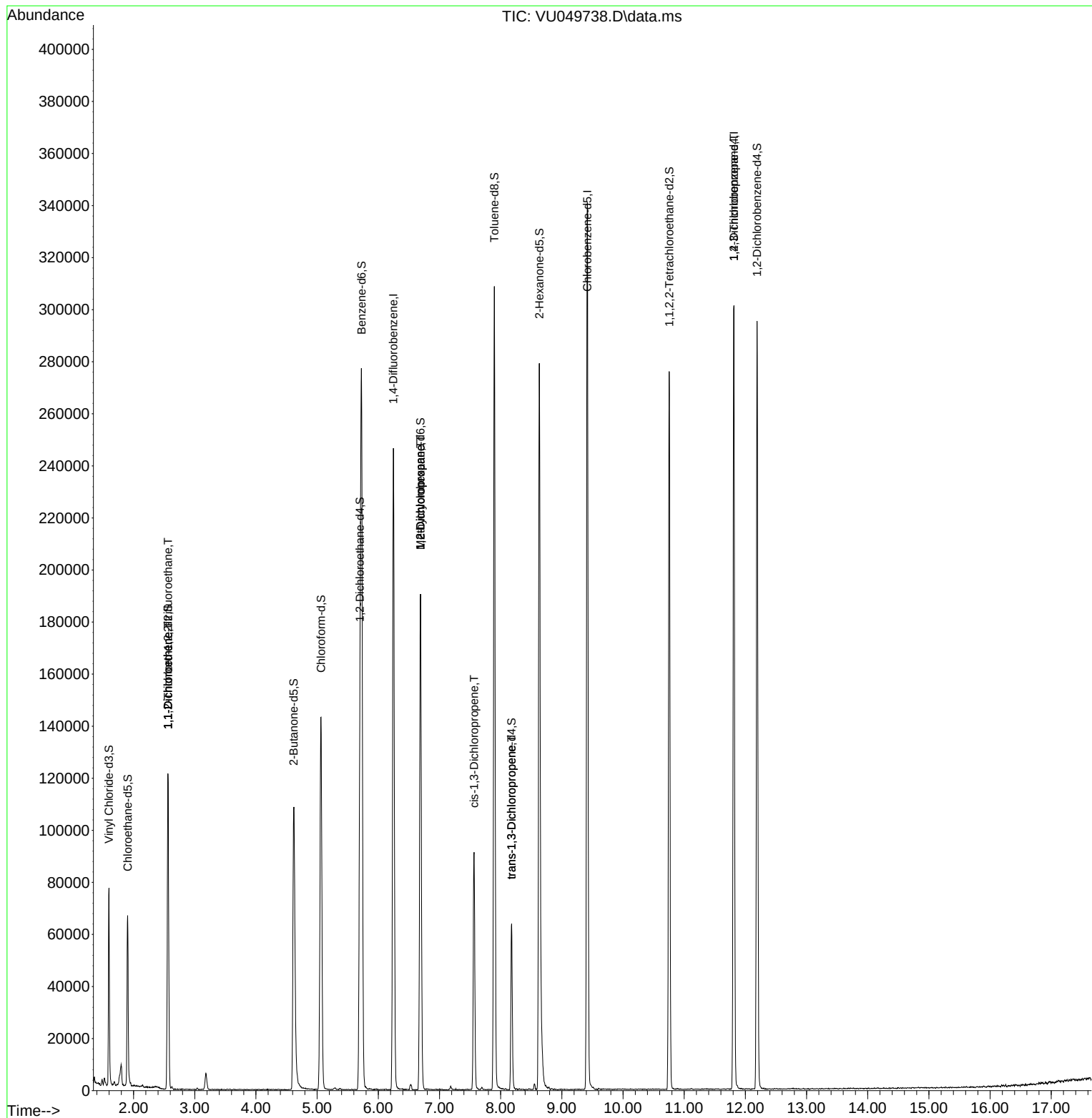
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	187642	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	176798	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74683	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53292	33.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.320%
7) Chloroethane-d5	1.903	69	47027	41.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.180%
11) 1,1-Dichloroethene-d2	2.562	63	74668	26.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.400%#
21) 2-Butanone-d5	4.616	46	157126	116.257	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.260%
24) Chloroform-d	5.063	84	130472	46.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
26) 1,2-Dichloroethane-d4	5.700	65	95028	50.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.140%
32) Benzene-d6	5.726	84	238130	44.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.680%
36) 1,2-Dichloropropane-d6	6.690	67	89023	49.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	7.896	98	195517	41.800	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.179	79	34737	45.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.280%
47) 2-Hexanone-d5	8.632	63	86763	106.765	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.760%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	132861	52.559	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.120%
66) 1,2-Dichlorobenzene-d4	12.192	152	71765	50.966	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.940%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	533	0.369	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	487	0.363	ug/L #	1
35) Methylcyclohexane	6.690	83	20665	8.186	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10246	5.562	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2431	0.979	ug/L	84
44) trans-1,3-Dichloropropene	8.179	75	1620	0.695	ug/L	84
60) 1,2,3-Trichloropropane	11.812	75	9827	4.940	ug/L #	67

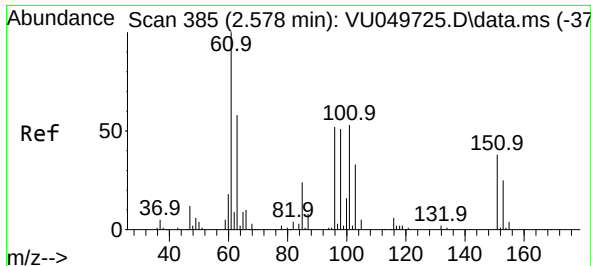
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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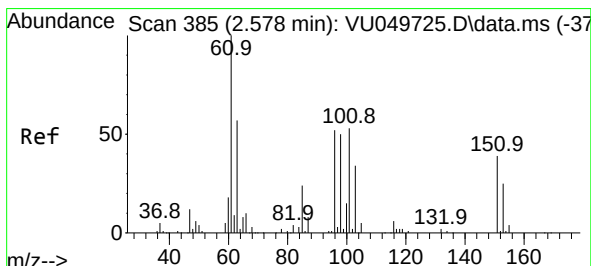
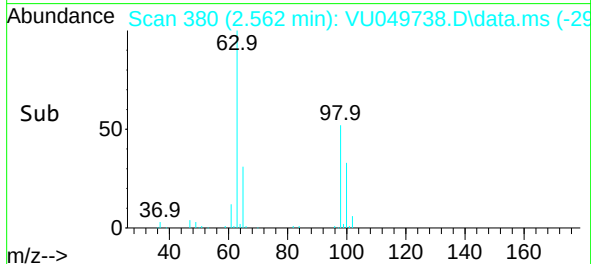
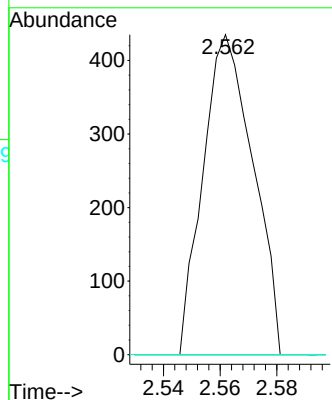
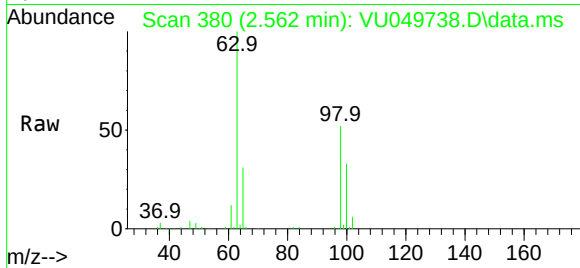




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.369 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU049738.D
 Acq: 15 Jul 2022 15:48

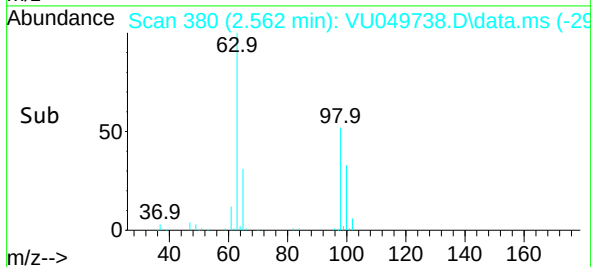
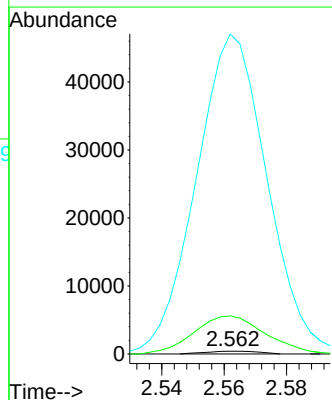
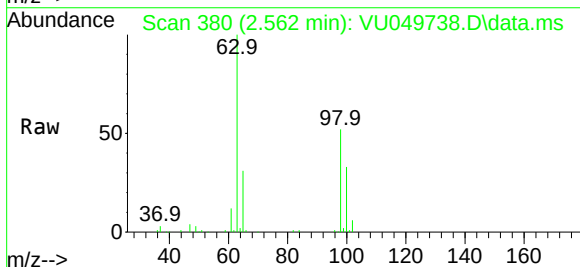
Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E3

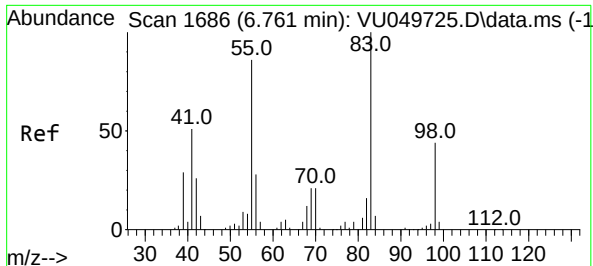
Tgt Ion:101 Resp: 533
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.363 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU049738.D
 Acq: 15 Jul 2022 15:48

Tgt Ion: 96 Resp: 487
 Ion Ratio Lower Upper
 96 100
 61 1377.9 129.6 240.6#
 63 11563.6 79.0 146.6#

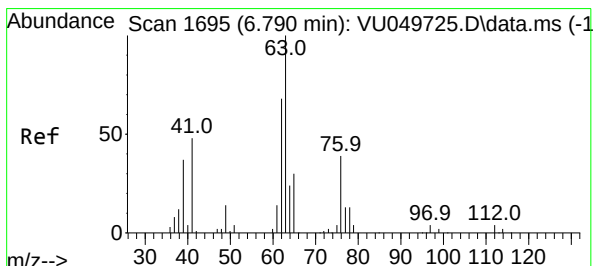
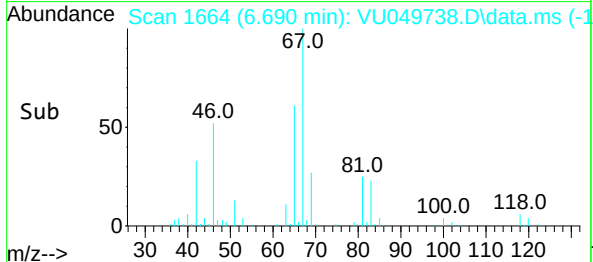
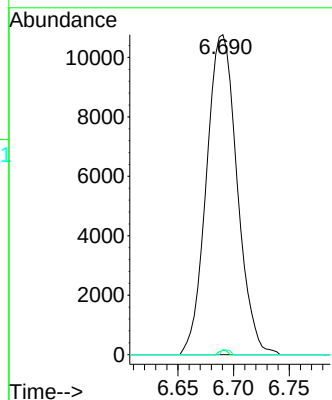
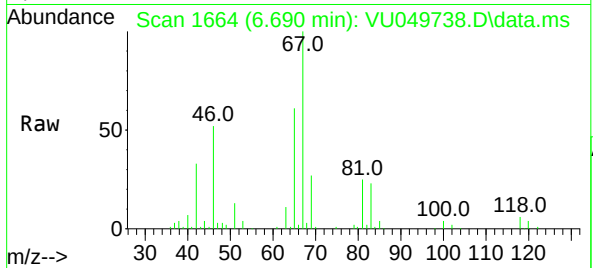




#35
Methylcyclohexane
Concen: 8.186 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049738.D
Acq: 15 Jul 2022 15:48

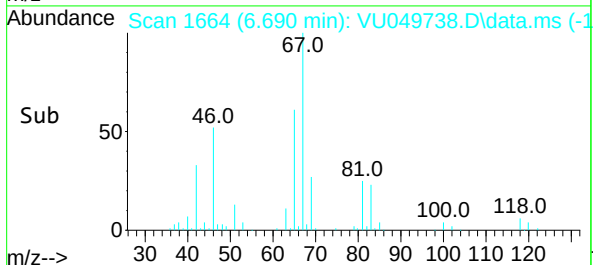
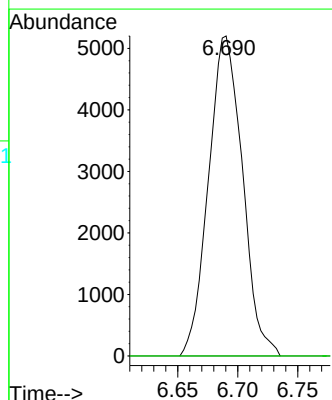
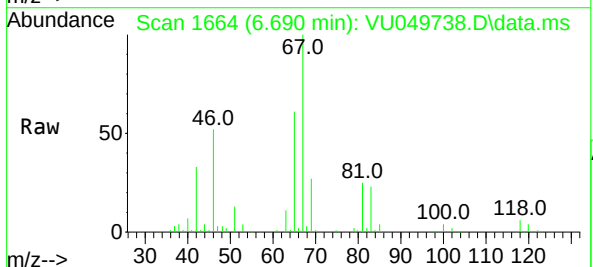
Instrument :
MSVOA_U
ClientSampleId :
BH0E3

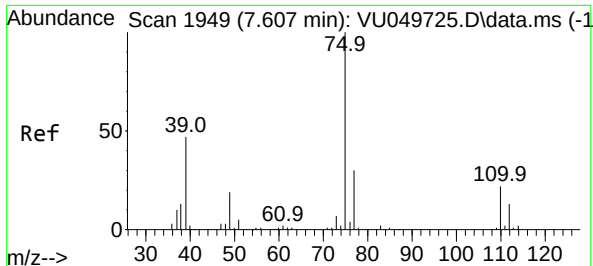
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	66.0	99.0#
98	0.4	34.6	51.8#



#37
1,2-Dichloropropane
Concen: 5.562 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049738.D
Acq: 15 Jul 2022 15:48

Tgt 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: VU049738.D

Acq: 15 Jul 2022 15:48

Instrument :

MSVOA_U

ClientSampleId :

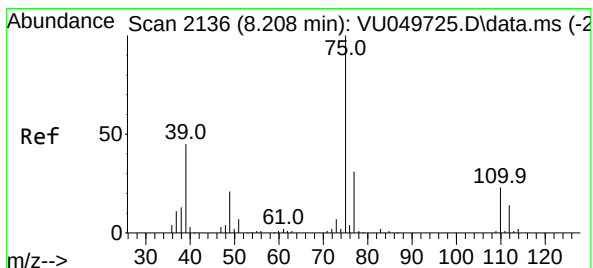
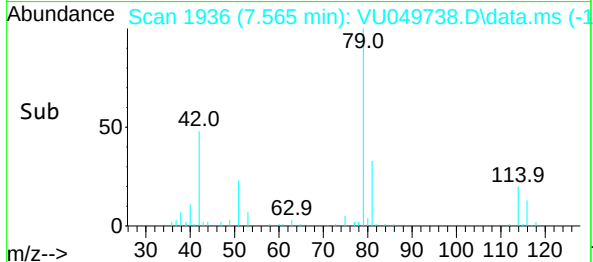
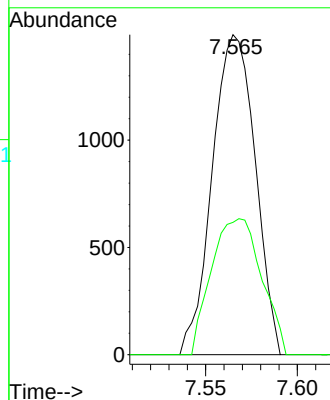
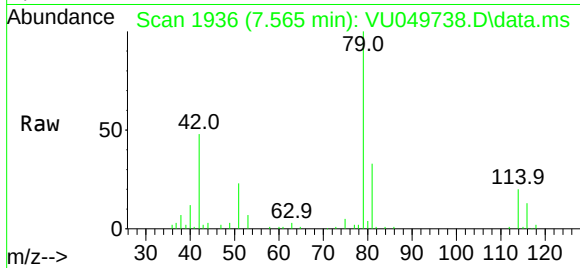
BH0E3

Tgt Ion: 75 Resp: 2431

Ion Ratio Lower Upper

75 100

77 41.4 22.6 42.0



#44

trans-1,3-Dichloropropene

Concen: 0.695 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU049738.D

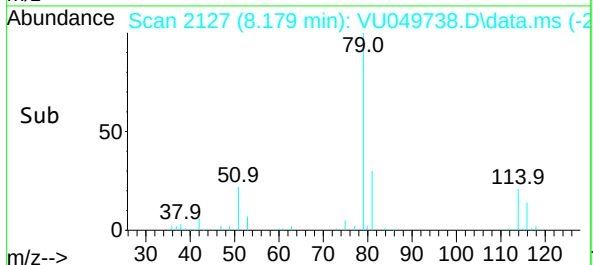
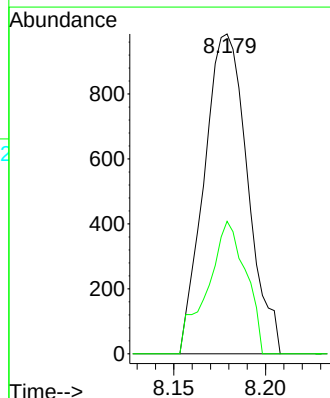
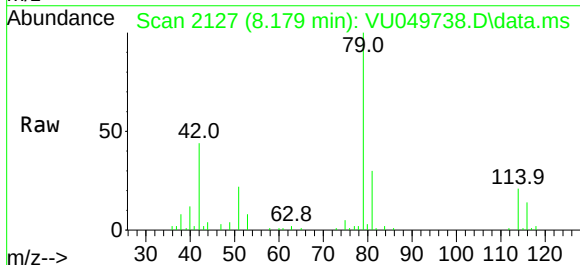
Acq: 15 Jul 2022 15:48

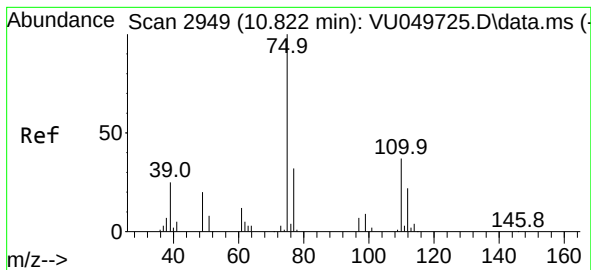
Tgt Ion: 75 Resp: 1620

Ion Ratio Lower Upper

75 100

77 41.4 22.5 41.9





#60
 1,2,3-Trichloropropane
 Concen: 4.940 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049738.D
 Acq: 15 Jul 2022 15:48

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E3

Tgt Ion: 75 Resp: 9827
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.5 38.3
 110 1.2 28.9 43.3#

