

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071422\
 Data File : VU049720.D
 Acq On : 14 Jul 2022 15:27
 Operator : SY/MD
 Sample : N3722-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D24

Quant Time: Jul 15 04:04:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 04:01:16 2022
 Response via : Initial Calibration

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

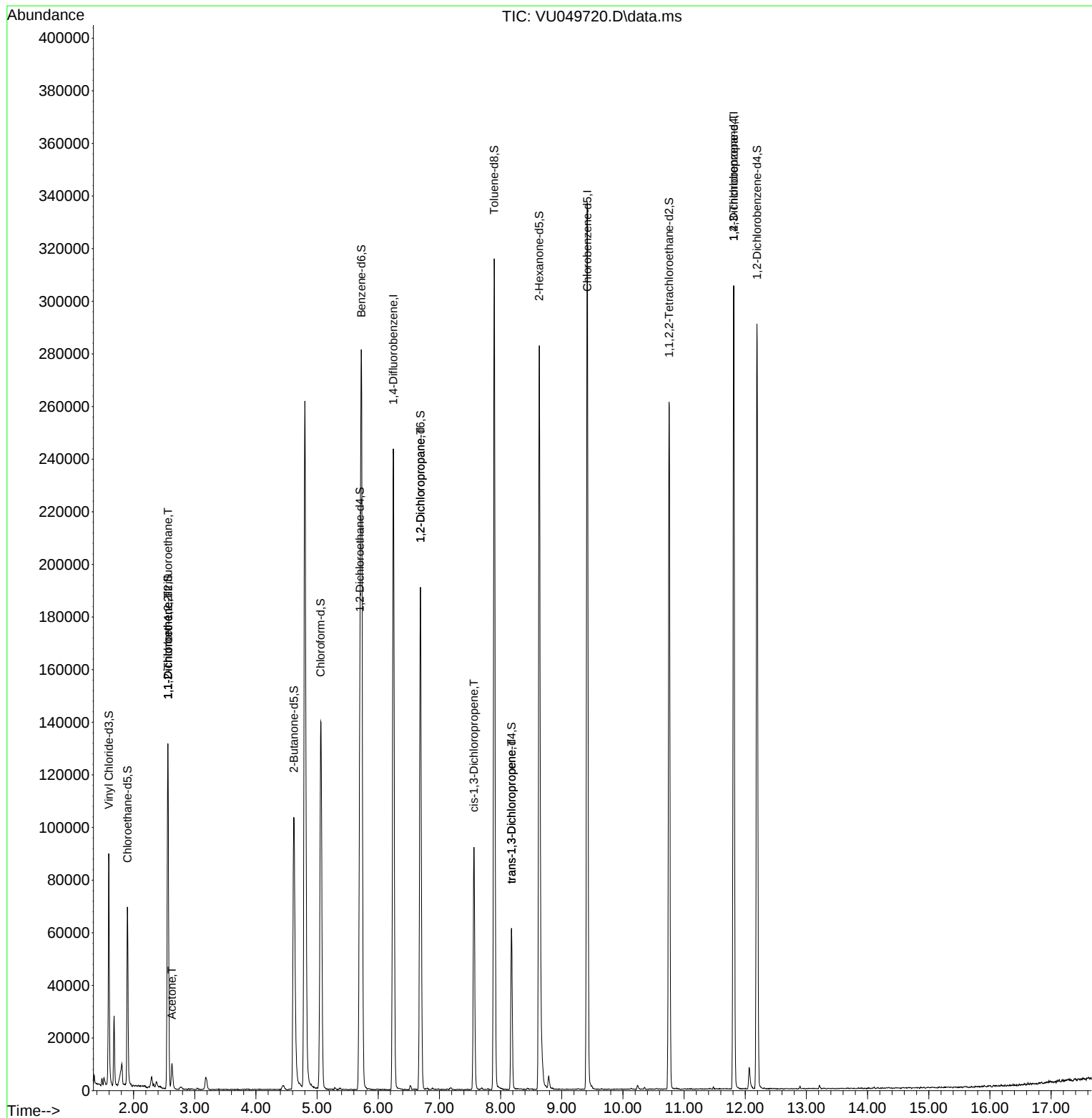
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	183609	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	175797	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75644	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	60857	39.283	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.560%		
7) Chloroethane-d5	1.899	69	48827	43.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.200%		
11) 1,1-Dichloroethene-d2	2.562	63	80423	29.389	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.780%#		
21) 2-Butanone-d5	4.620	46	153988	116.438	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.440%		
24) Chloroform-d	5.060	84	128891	46.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.940%		
26) 1,2-Dichloroethane-d4	5.700	65	95339	51.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.680%		
32) Benzene-d6	5.726	84	243089	45.517	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.040%		
36) 1,2-Dichloropropane-d6	6.690	67	87938	48.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.900%		
41) Toluene-d8	7.896	98	197508	42.467	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.940%		
43) trans-1,3-Dichloroprop...	8.179	79	34177	45.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.320%		
47) 2-Hexanone-d5	8.632	63	87099	107.789	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.790%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	127659	50.789	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.580%		
66) 1,2-Dichlorobenzene-d4	12.192	152	70241	49.250	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.500%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	617	0.436	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	541	0.412	ug/L #	1
13) Acetone	2.626	43	9173	7.298	ug/L	99
37) 1,2-Dichloropropane	6.690	63	9659	5.274	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	2328	0.942	ug/L	83
44) trans-1,3-Dichloropropene	8.179	75	1488	0.642	ug/L	98
60) 1,2,3-Trichloropropane	11.812	75	10002	4.964	ug/L #	67

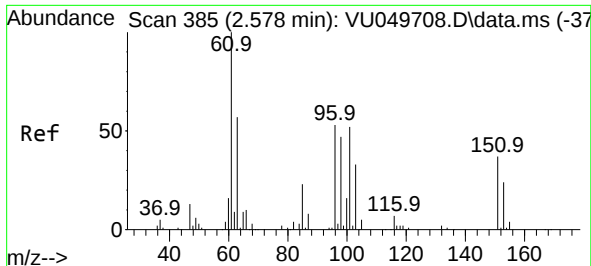
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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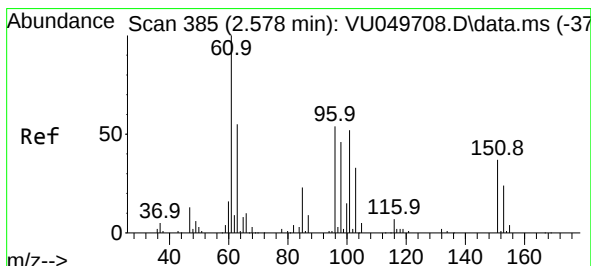
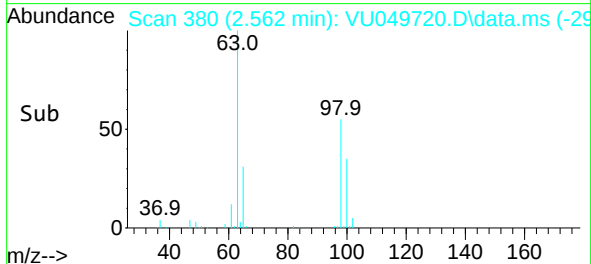
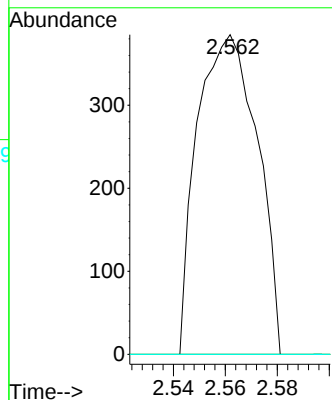
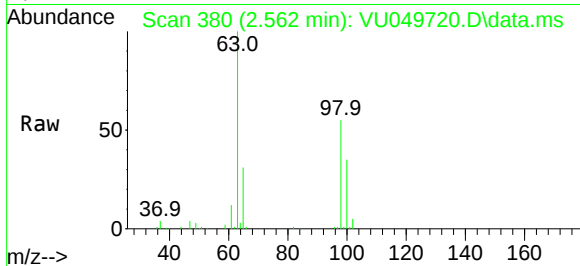




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.436 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU049720.D
 Acq: 14 Jul 2022 15:27

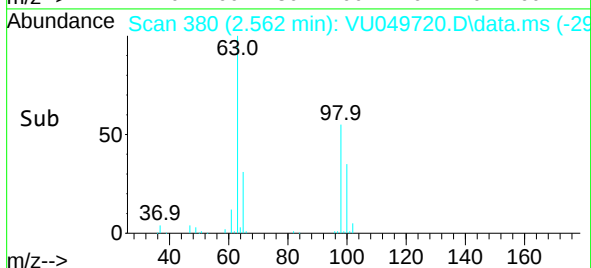
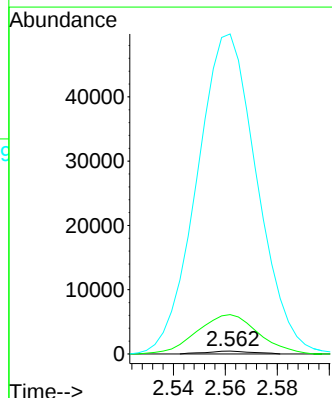
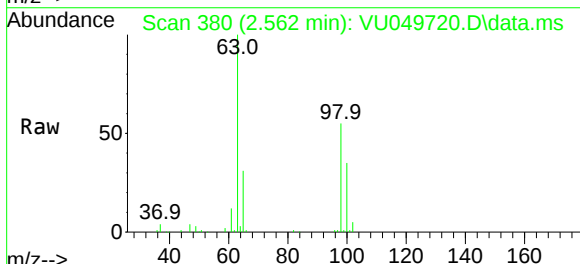
Instrument :
 MSVOA_U
 ClientSampleId :
 F5D24

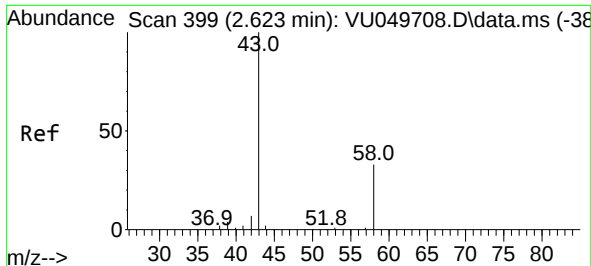
Tgt Ion: 101 Resp: 617
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.412 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU049720.D
 Acq: 14 Jul 2022 15:27

Tgt Ion: 96 Resp: 541
 Ion Ratio Lower Upper
 96 100
 61 1381.3 129.6 240.6#
 63 11214.4 79.0 146.6#





#13

Acetone

Concen: 7.298 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU049720.D

Acq: 14 Jul 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

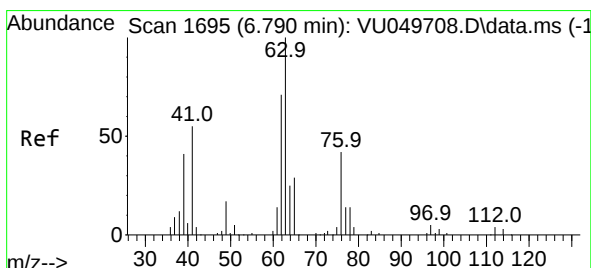
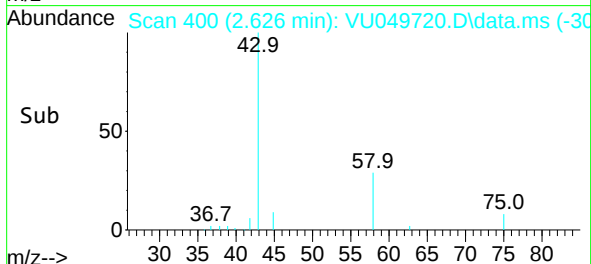
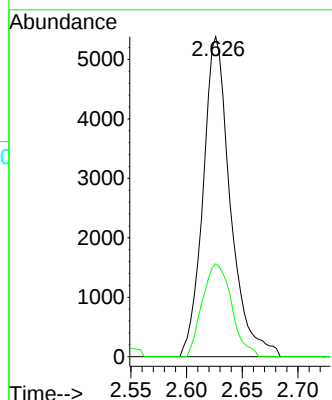
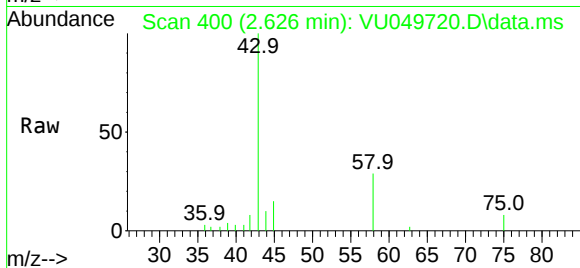
F5D24

Tgt Ion: 43 Resp: 9173

Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.4



#37

1,2-Dichloropropane

Concen: 5.274 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049720.D

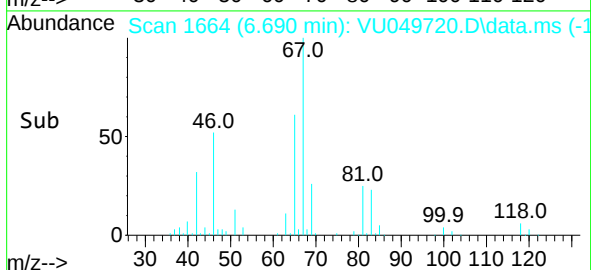
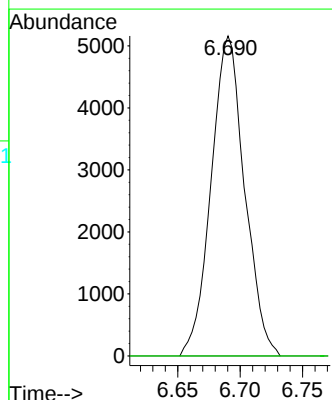
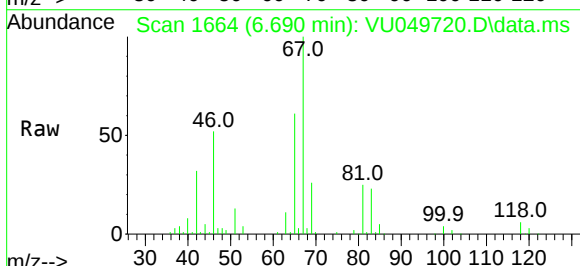
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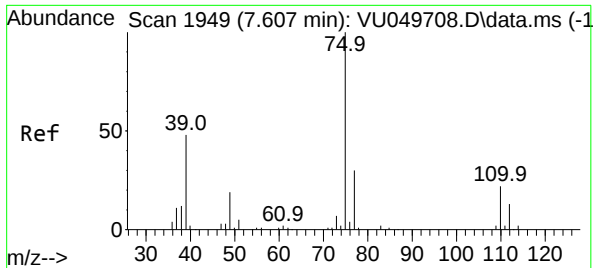
Tgt Ion: 63 Resp: 9659

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.942 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU049720.D

Acq: 14 Jul 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

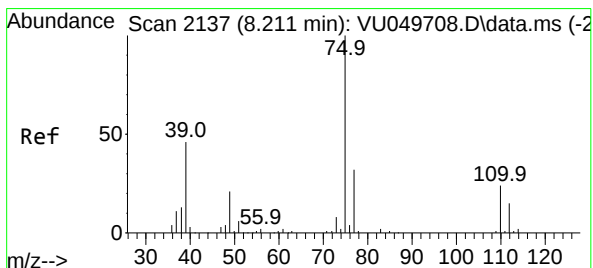
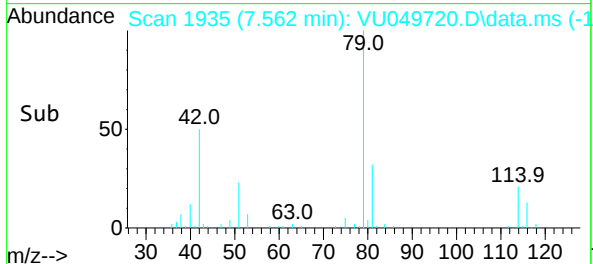
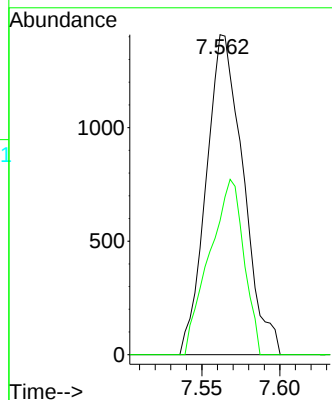
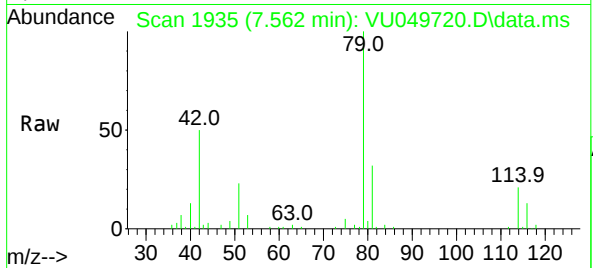
F5D24

Tgt Ion: 75 Resp: 2328

Ion Ratio Lower Upper

75 100

77 41.9 22.6 42.0



#44

trans-1,3-Dichloropropene

Concen: 0.642 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU049720.D

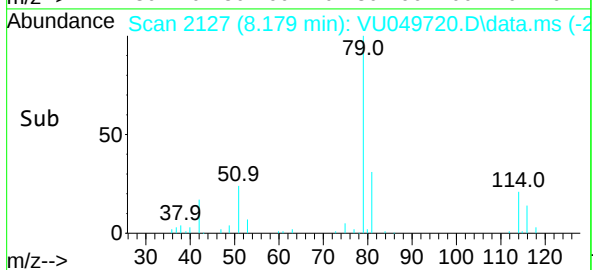
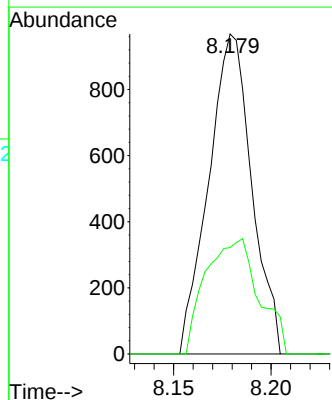
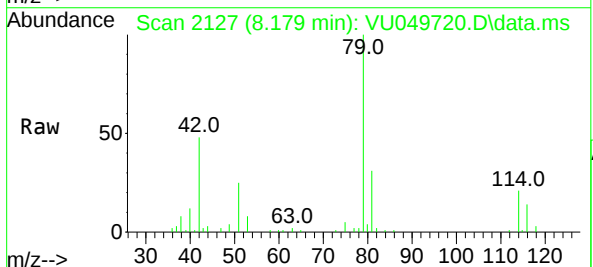
Acq: 14 Jul 2022 15:27

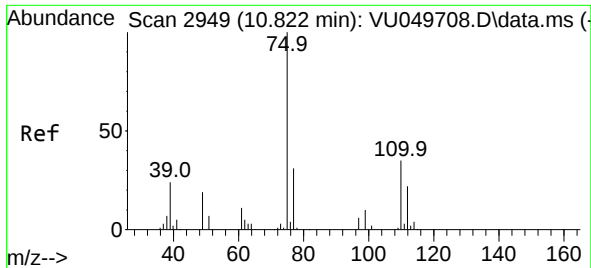
Tgt Ion: 75 Resp: 1488

Ion Ratio Lower Upper

75 100

77 33.3 22.5 41.9





#60
 1,2,3-Trichloropropane
 Concen: 4.964 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049720.D
 Acq: 14 Jul 2022 15:27

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D24

Tgt Ion:	75	Resp:	10002
Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.5	38.3
110	2.5	28.9	43.3#

