

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049161.D
 Acq On : 15 Jun 2022 11:39
 Operator : SY/MD
 Sample : N3288-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJA0

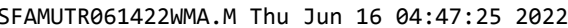
Quant Time: Jun 16 04:47:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

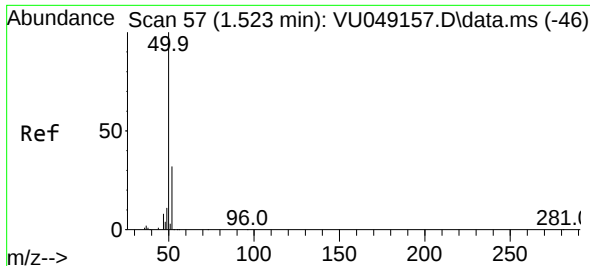
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	133753	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	122342	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53484	4.576	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.600%	
7) Chloroethane-d5	1.912	69	39135	4.946	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.568	65	21504	4.575	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.400%	
20) 2-Butanone-d5	4.632	46	160162	51.325	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.660%	
24) Chloroform-d	5.067	84	91248	4.976	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.703	65	49822	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.729	84	186759	5.067	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
36) 1,2-Dichloropropane-d6	6.694	67	62732	5.015	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.899	98	165074	4.974	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
43) trans-1,3-Dichloroprop...	8.179	79	24199	4.354	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.636	63	104393	46.567	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.140%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49585	4.951	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	59853	5.155	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1885	0.150	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	574	0.074	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	11261	1.497	ug/L #	23
19) 1,1-Dichloroethane	3.874	63	19756	1.202	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	2915	0.313	ug/L	82
34) Trichloroethene	6.542	95	127250	13.675	ug/L	99
35) Methylcyclohexane	6.694	83	13290	0.852	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	6720	0.672	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1913	0.126	ug/L #	66
61) 1,2,3-Trichloropropane	11.812	75	8156	1.201	ug/L #	70

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

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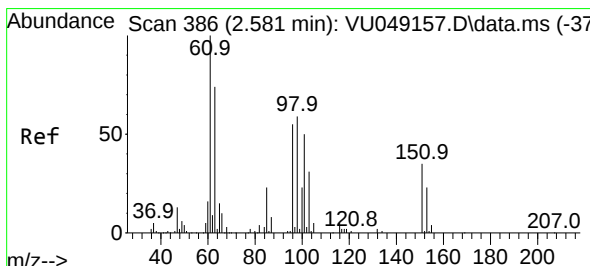
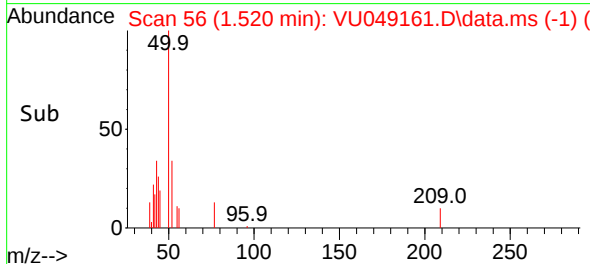
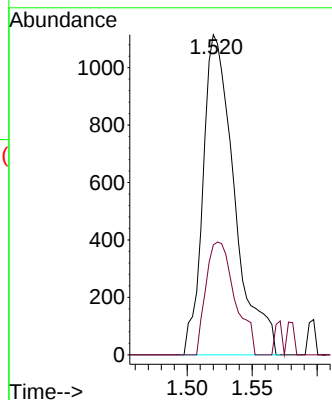
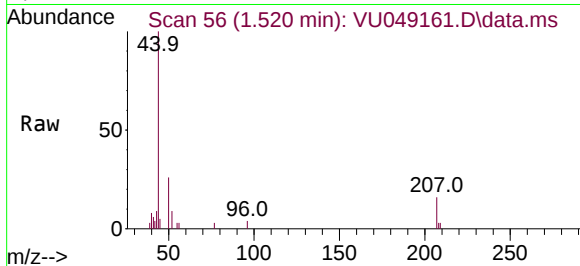




#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU049161.D
Acq: 15 Jun 2022 11:39

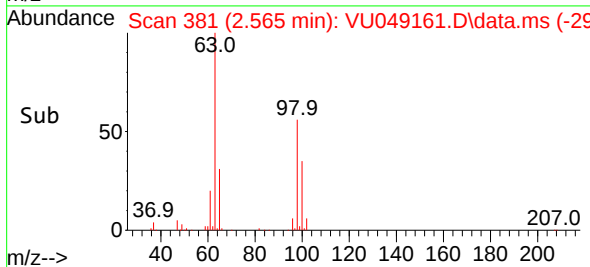
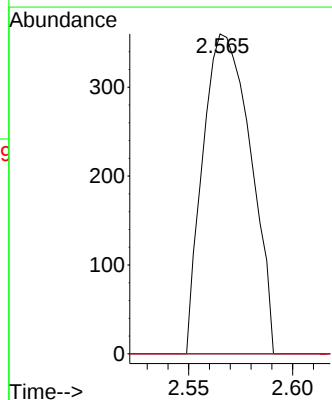
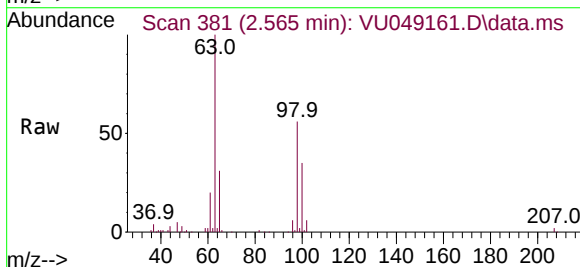
Instrument :
MSVOA_U
ClientSampleId :
BGJA0

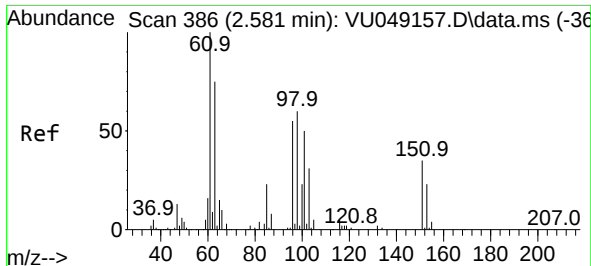
Tgt Ion: 50 Resp: 1885
Ion Ratio Lower Upper
50 100
52 34.3 22.7 42.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.074 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU049161.D
Acq: 15 Jun 2022 11:39

Tgt Ion: 101 Resp: 574
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#





#12

1,1-Dichloroethene

Concen: 1.497 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU049161.D

Acq: 15 Jun 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

BGJA0

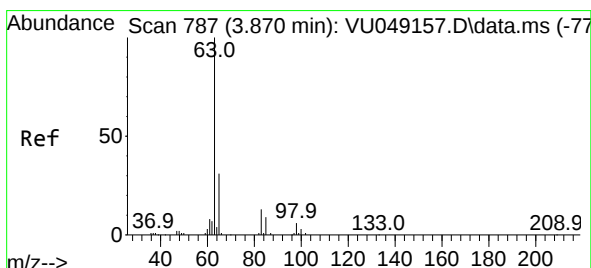
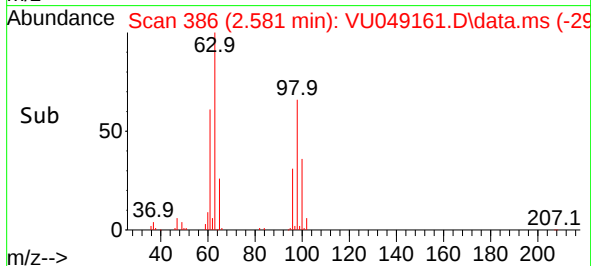
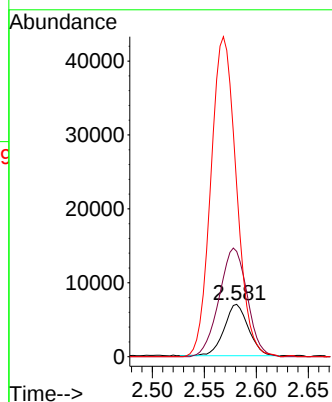
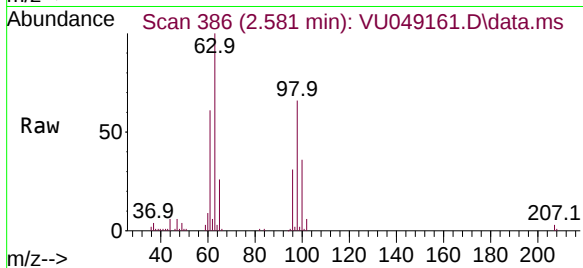
Tgt Ion: 96 Resp: 11261

Ion Ratio Lower Upper

96 100

61 201.4 127.2 236.2

63 327.9 94.7 175.9#



#19

1,1-Dichloroethane

Concen: 1.202 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.003 min

Lab File: VU049161.D

Acq: 15 Jun 2022 11:39

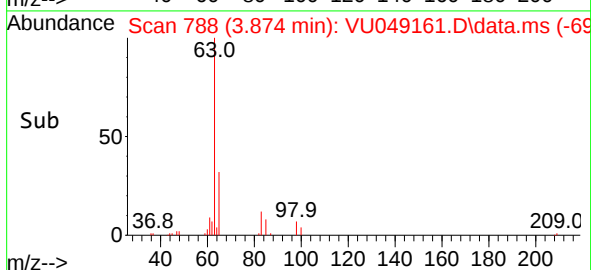
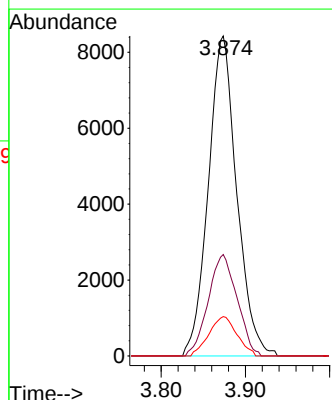
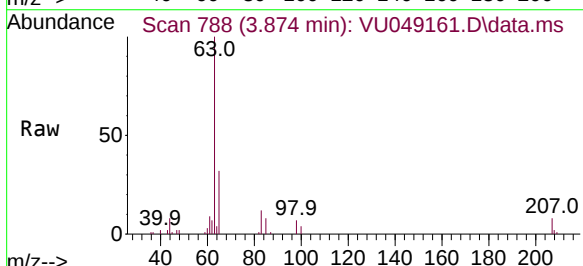
Tgt Ion: 63 Resp: 19756

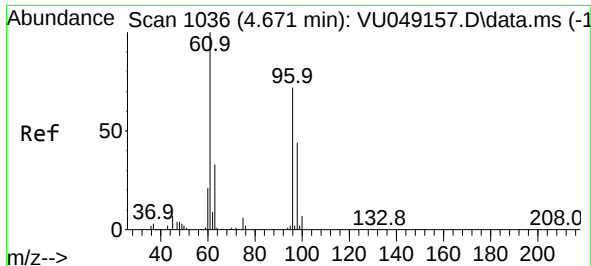
Ion Ratio Lower Upper

63 100

65 31.7 24.0 44.6

83 12.3 9.1 16.9

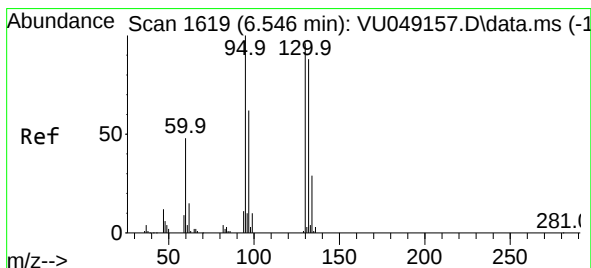
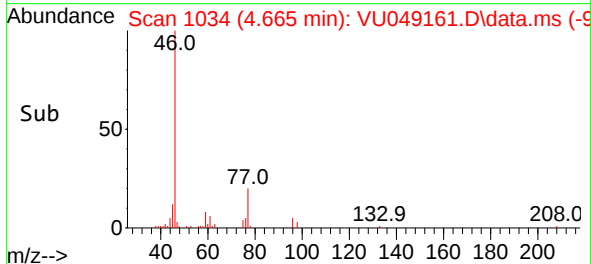
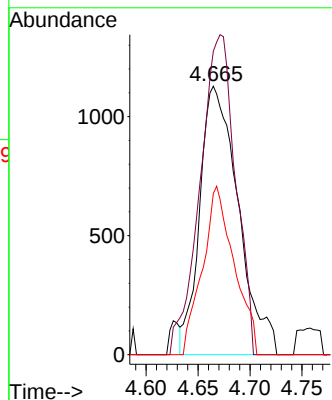
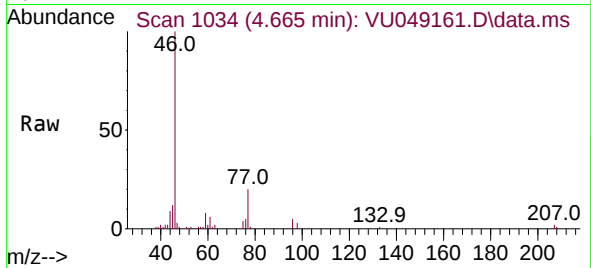




#22
 cis-1,2-Dichloroethene
 Concen: 0.313 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: VU049161.D
 Acq: 15 Jun 2022 11:39

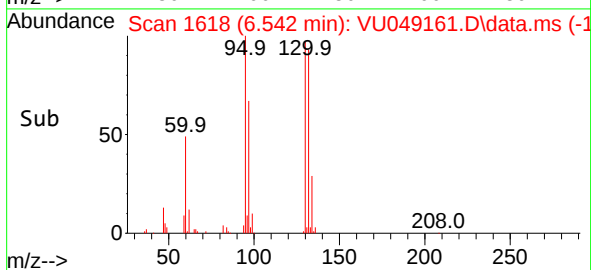
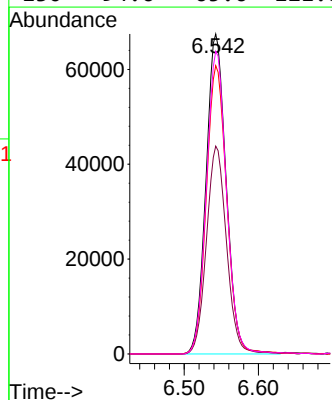
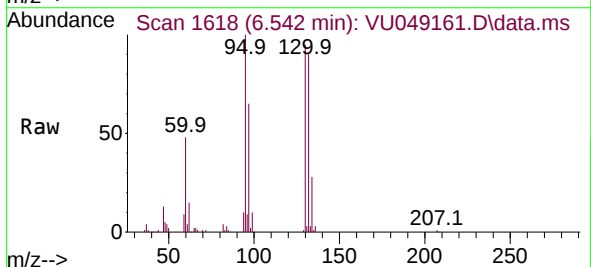
Instrument :
 MSVOA_U
 ClientSampleId :
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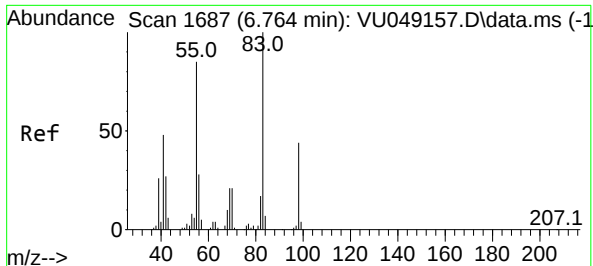
Tgt Ion: 96 Resp: 2915
 Ion Ratio Lower Upper
 96 100
 61 112.9 99.5 184.9
 98 60.0 44.8 83.2



#34
 Trichloroethene
 Concen: 13.675 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.003 min
 Lab File: VU049161.D
 Acq: 15 Jun 2022 11:39

Tgt Ion: 95 Resp: 127250
 Ion Ratio Lower Upper
 95 100
 97 64.9 45.3 84.1
 132 90.1 61.5 114.3
 130 94.6 65.6 121.8





#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049161.D

Acq: 15 Jun 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

BGJA0

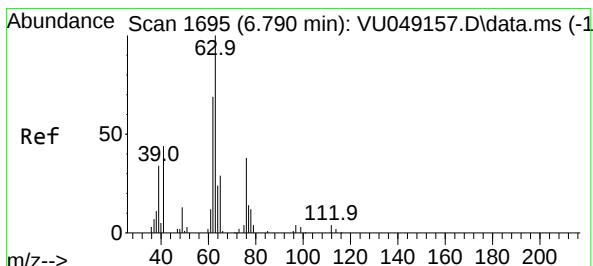
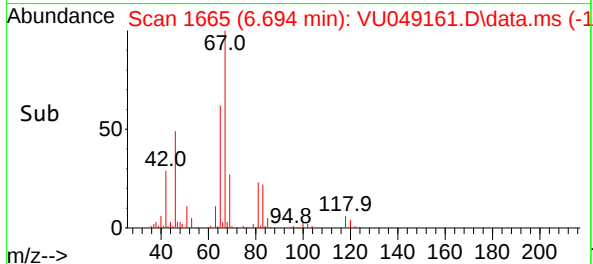
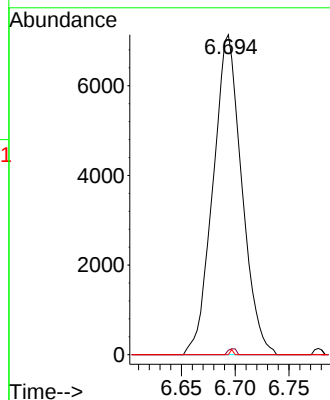
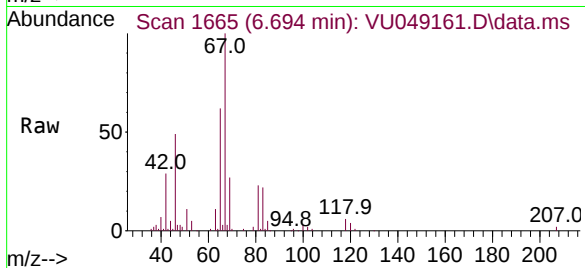
Tgt Ion: 83 Resp: 13290

Ion Ratio Lower Upper

83 100

55 0.5 66.9 100.3#

98 1.8 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.672 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049161.D

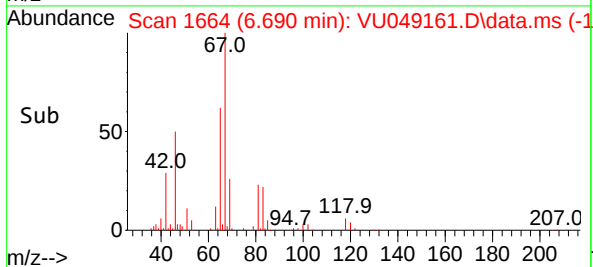
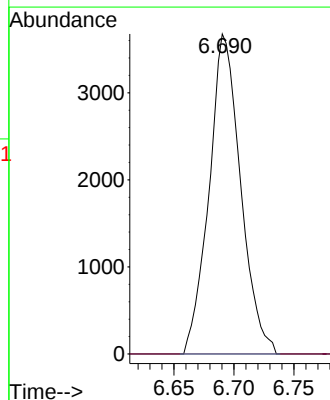
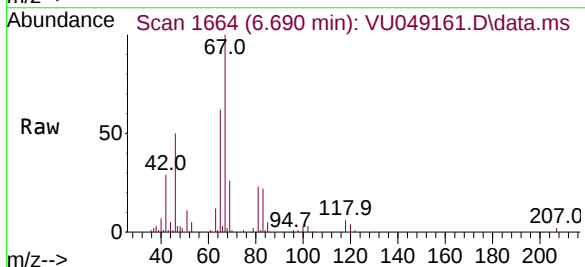
Acq: 15 Jun 2022 11:39

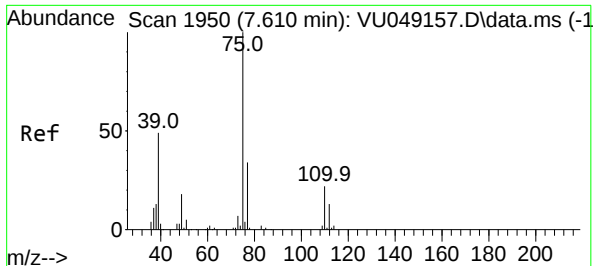
Tgt Ion: 63 Resp: 6720

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049161.D

Acq: 15 Jun 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

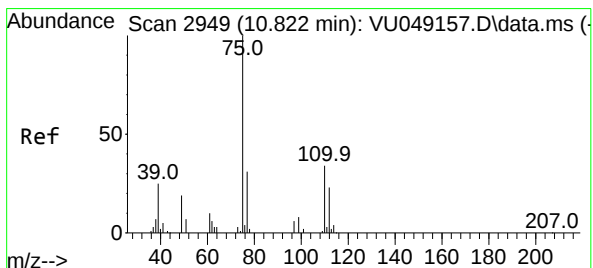
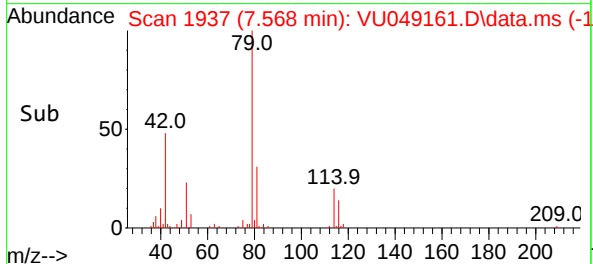
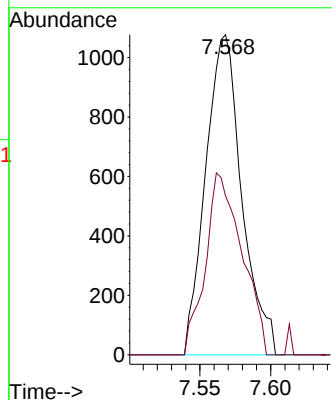
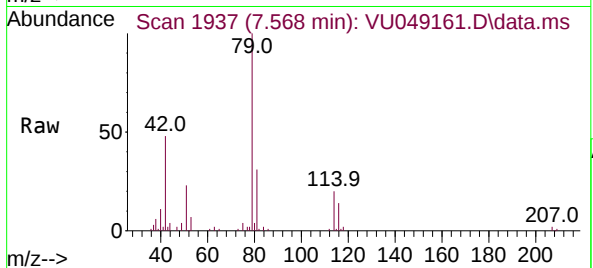
BGJA0

Tgt Ion: 75 Resp: 1913

Ion Ratio Lower Upper

75 100

77 49.7 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 1.201 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049161.D

Acq: 15 Jun 2022 11:39

Tgt Ion: 75 Resp: 8156

Ion Ratio Lower Upper

75 100

110 2.7 29.0 43.4#

77 32.0 26.2 39.2

