

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049205.D
 Acq On : 16 Jun 2022 14:18
 Operator : SY/MD
 Sample : N3288-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

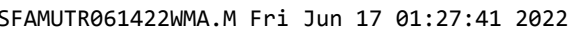
Instrument :
 MSVOA_U
 ClientSampleId :

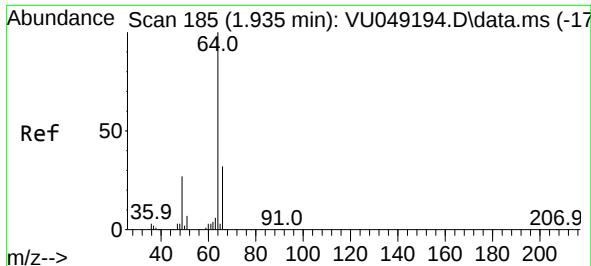
Quant Time: Jun 17 01:27:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 01:23:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	128831	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	118635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39505	3.509	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.200%	
7) Chloroethane-d5	1.912	69	31462	4.128	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.600%	
11) 1,1-Dichloroethene-d2	2.568	65	16820	3.715	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.200%	
20) 2-Butanone-d5	4.636	46	170709	56.795	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.580%	
24) Chloroform-d	5.067	84	80799	4.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.703	65	46593	4.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.729	84	157398	4.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.690	67	56346	4.645	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.899	98	138173	4.294	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	8.182	79	21196	3.933	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.600%	
46) 2-Hexanone-d5	8.636	63	118356	54.446	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48808	5.025	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	54802	4.749	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.000%	
Target Compounds						
8) Chloroethane	1.928	64	791	0.126	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	416	0.056	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	15226	2.102	ug/L #	72
19) 1,1-Dichloroethane	3.874	63	25003	1.580	ug/L	99
21) 2-Butanone	4.726	43	12636	4.455	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	48891	5.447	ug/L	96
34) Trichloroethene	6.542	95	61708	6.839	ug/L	98
35) Methylcyclohexane	6.693	83	12275	0.811	ug/L #	16
39) cis-1,3-Dichloropropene	7.568	75	1405	0.095	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	8081	1.198	ug/L #	68

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

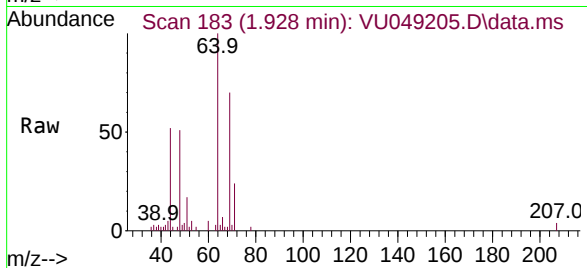
Quant Time: Jun 17 01:27:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
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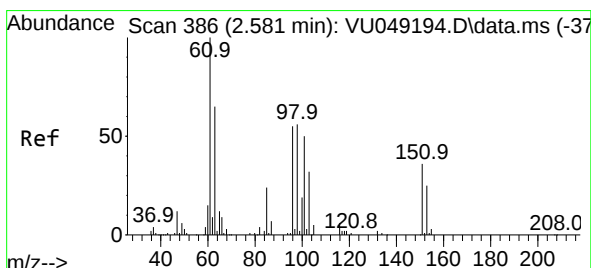
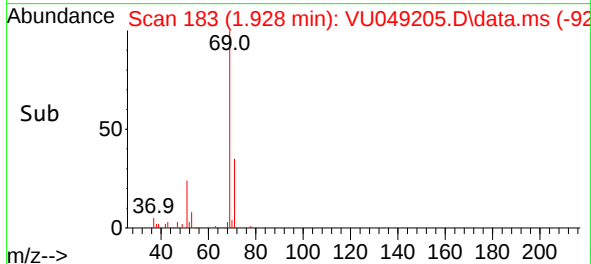
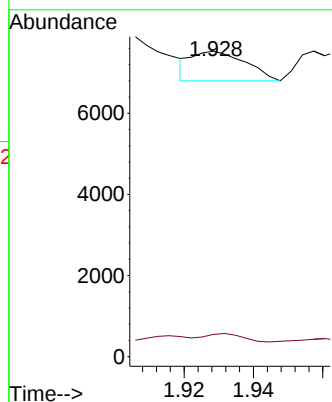


#8
Chloroethane
Concen: 0.126 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU049205.D
Acq: 16 Jun 2022 14:18

Instrument :
MSVOA_U
ClientSampleId :

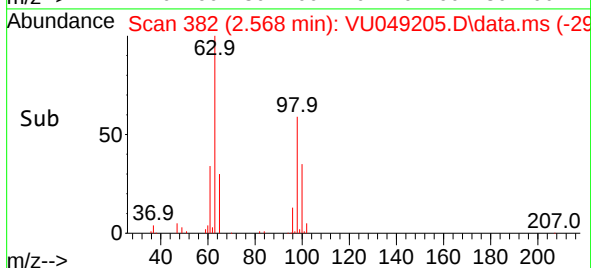
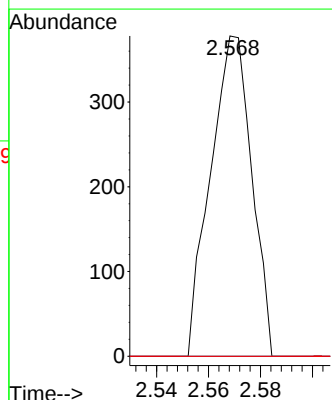
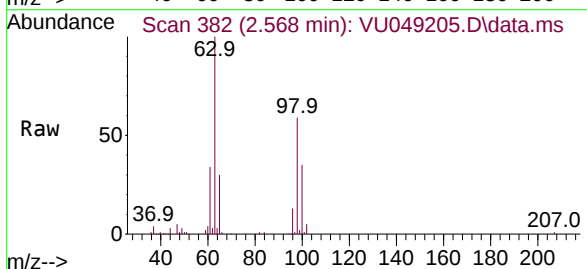


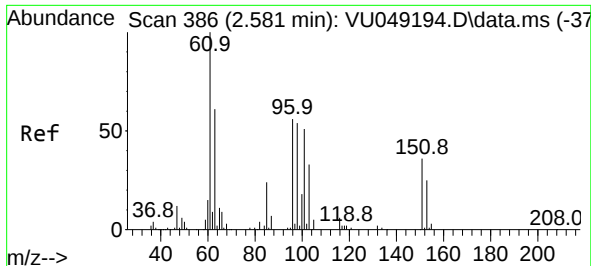
Tgt Ion: 64 Resp: 791
Ion Ratio Lower Upper
64 100
66 7.3 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU049205.D
Acq: 16 Jun 2022 14:18

Tgt Ion: 101 Resp: 416
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#

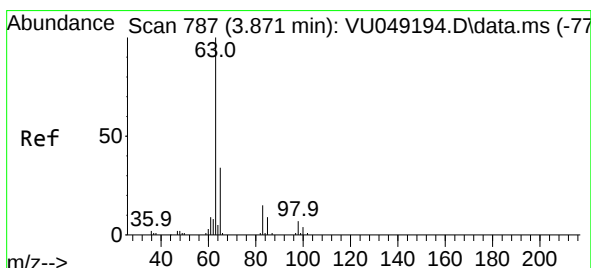
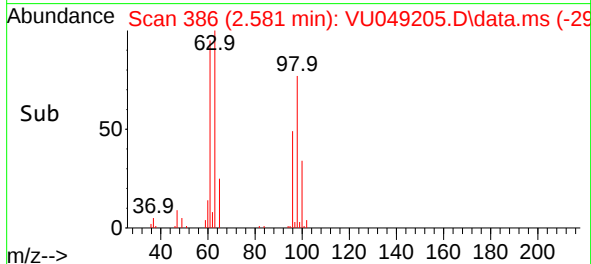
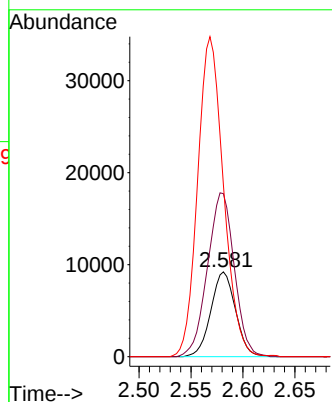
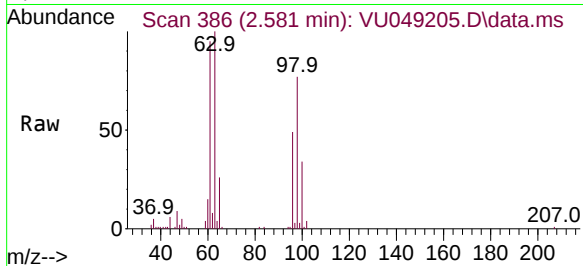




#12
1,1-Dichloroethene
Concen: 2.102 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU049205.D
Acq: 16 Jun 2022 14:18

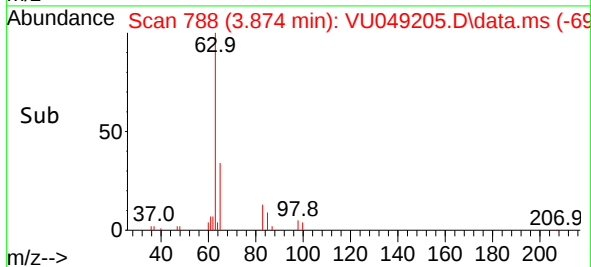
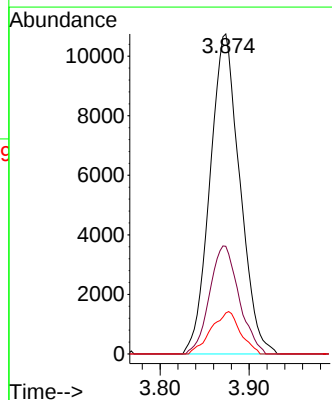
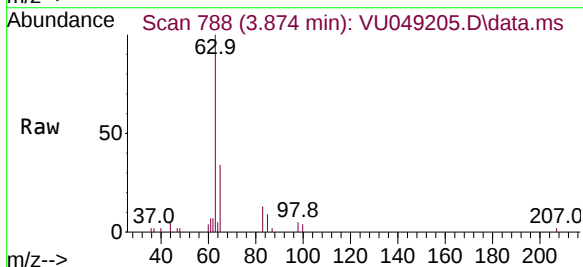
Instrument :
MSVOA_U
ClientSampleId :

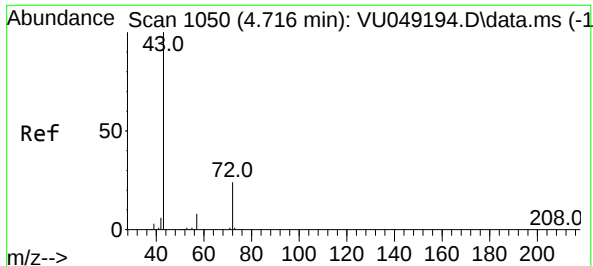
Tgt Ion: 96 Resp: 15226
Ion Ratio Lower Upper
96 100
61 192.2 127.2 236.2
63 202.6 94.7 175.9#



#19
1,1-Dichloroethane
Concen: 1.580 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.003 min
Lab File: VU049205.D
Acq: 16 Jun 2022 14:18

Tgt Ion: 63 Resp: 25003
Ion Ratio Lower Upper
63 100
65 33.7 24.0 44.6
83 12.8 9.1 16.9

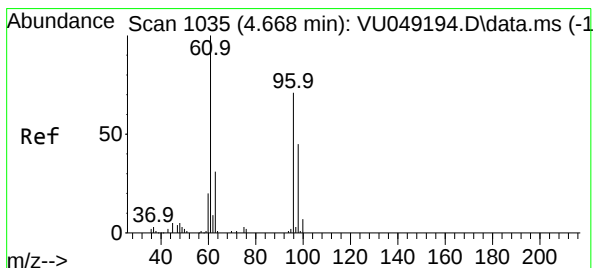
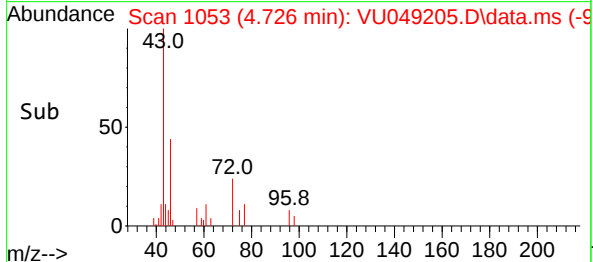
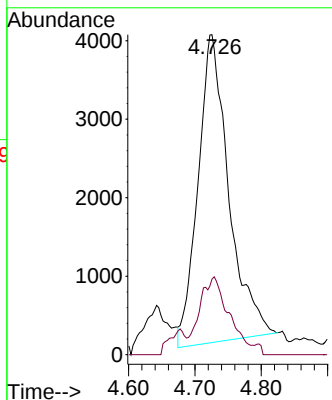
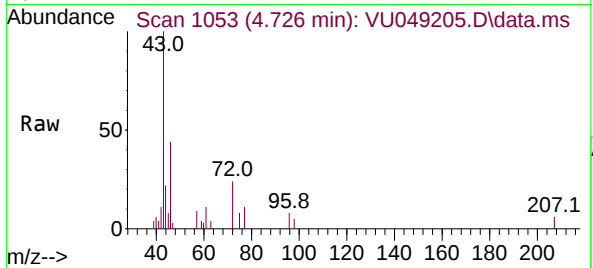




#21
2-Butanone
Concen: 4.455 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.009 min
Lab File: VU049205.D
Acq: 16 Jun 2022 14:18

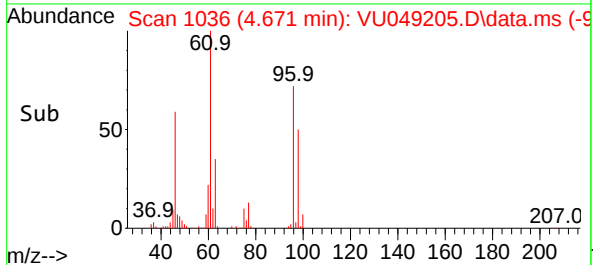
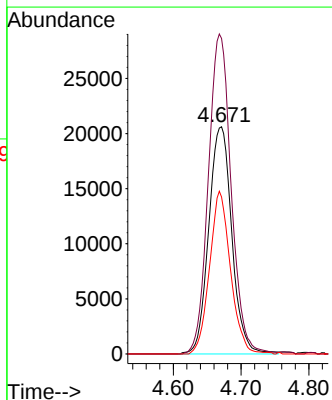
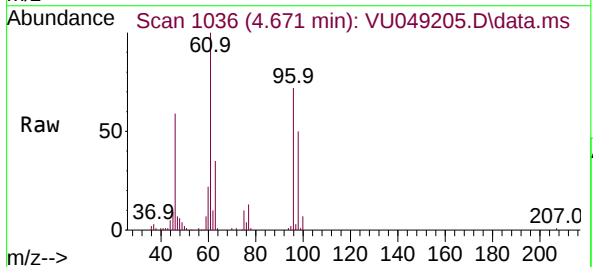
Instrument :
MSVOA_U
ClientSampleId :

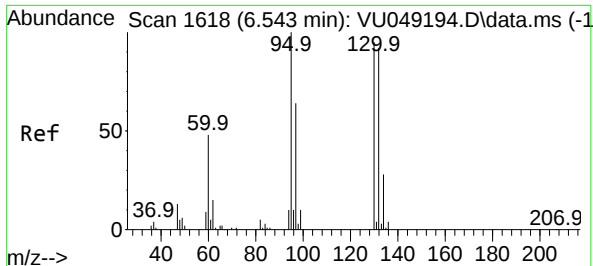
Tgt Ion: 43 Resp: 12636
Ion Ratio Lower Upper
43 100
72 20.9 12.2 36.6



#22
cis-1,2-Dichloroethene
Concen: 5.447 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU049205.D
Acq: 16 Jun 2022 14:18

Tgt Ion: 96 Resp: 48891
Ion Ratio Lower Upper
96 100
61 138.9 99.5 184.9
98 69.1 44.8 83.2





#34

Trichloroethene

Concen: 6.839 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

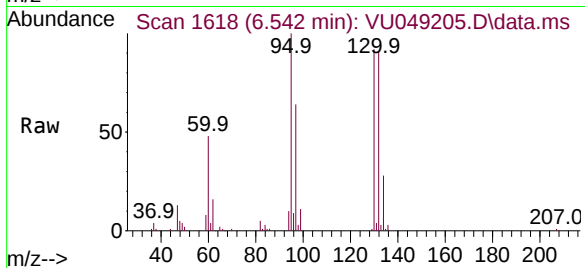
Lab File: VU049205.D

Acq: 16 Jun 2022 14:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 61708

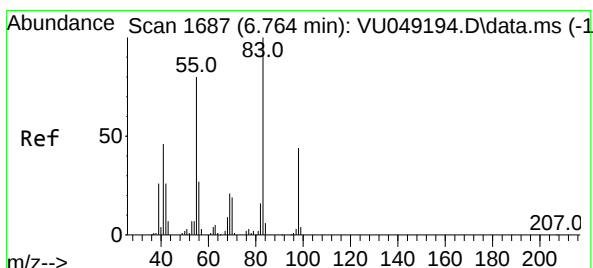
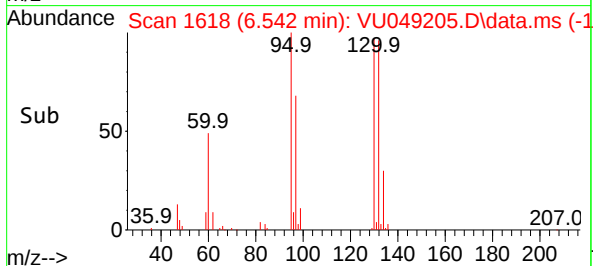
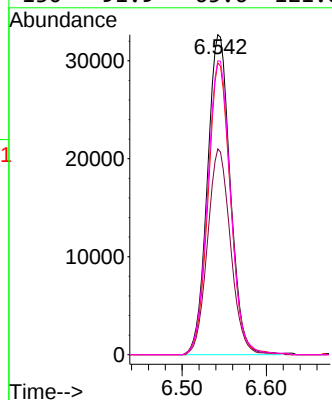
Ion Ratio Lower Upper

95 100

97 64.3 45.3 84.1

132 91.1 61.5 114.3

130 91.9 65.6 121.8



#35

Methylcyclohexane

Concen: 0.811 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049205.D

Acq: 16 Jun 2022 14:18

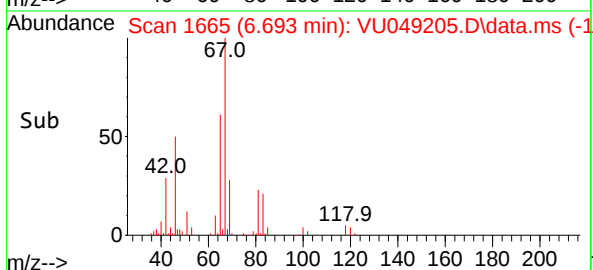
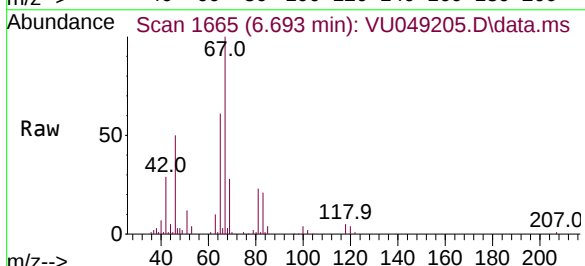
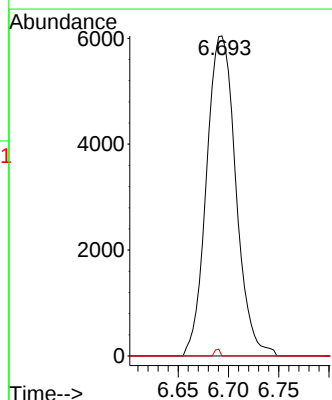
Tgt Ion: 83 Resp: 12275

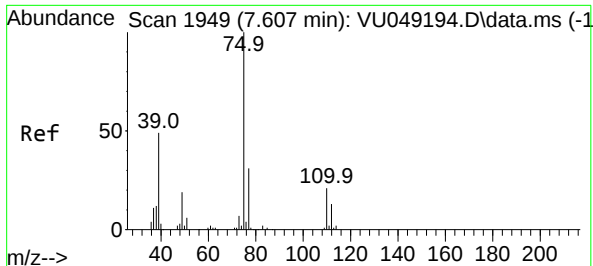
Ion Ratio Lower Upper

83 100

55 0.0 66.9 100.3#

98 0.4 35.5 53.3#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049205.D

Acq: 16 Jun 2022 14:18

Instrument :

MSVOA_U

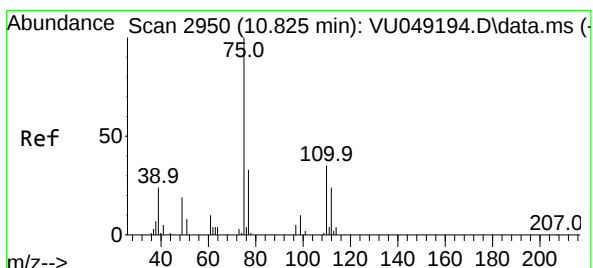
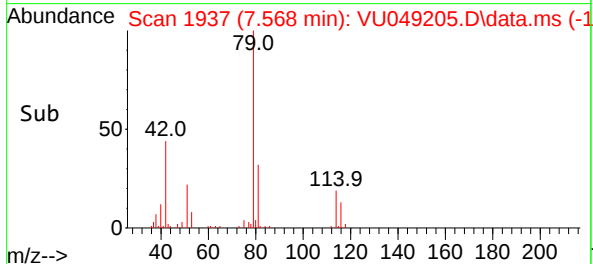
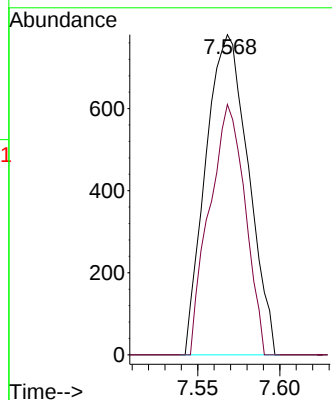
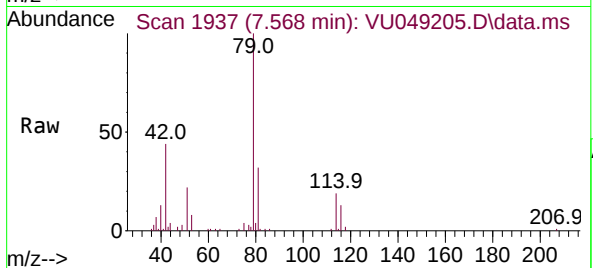
ClientSampleId :

Tgt Ion: 75 Resp: 1405

Ion Ratio Lower Upper

75 100

77 78.2 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 1.198 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU049205.D

Acq: 16 Jun 2022 14:18

Tgt Ion: 75 Resp: 8081

Ion Ratio Lower Upper

75 100

110 0.0 29.0 43.4#

77 32.8 26.2 39.2

