

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049096.D
 Acq On : 12 Jun 2022 17:10
 Operator : SY/MD
 Sample : N3255-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DR7

Quant Time: Jun 13 05:05:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 05:01:30 2022
 Response via : Initial Calibration

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

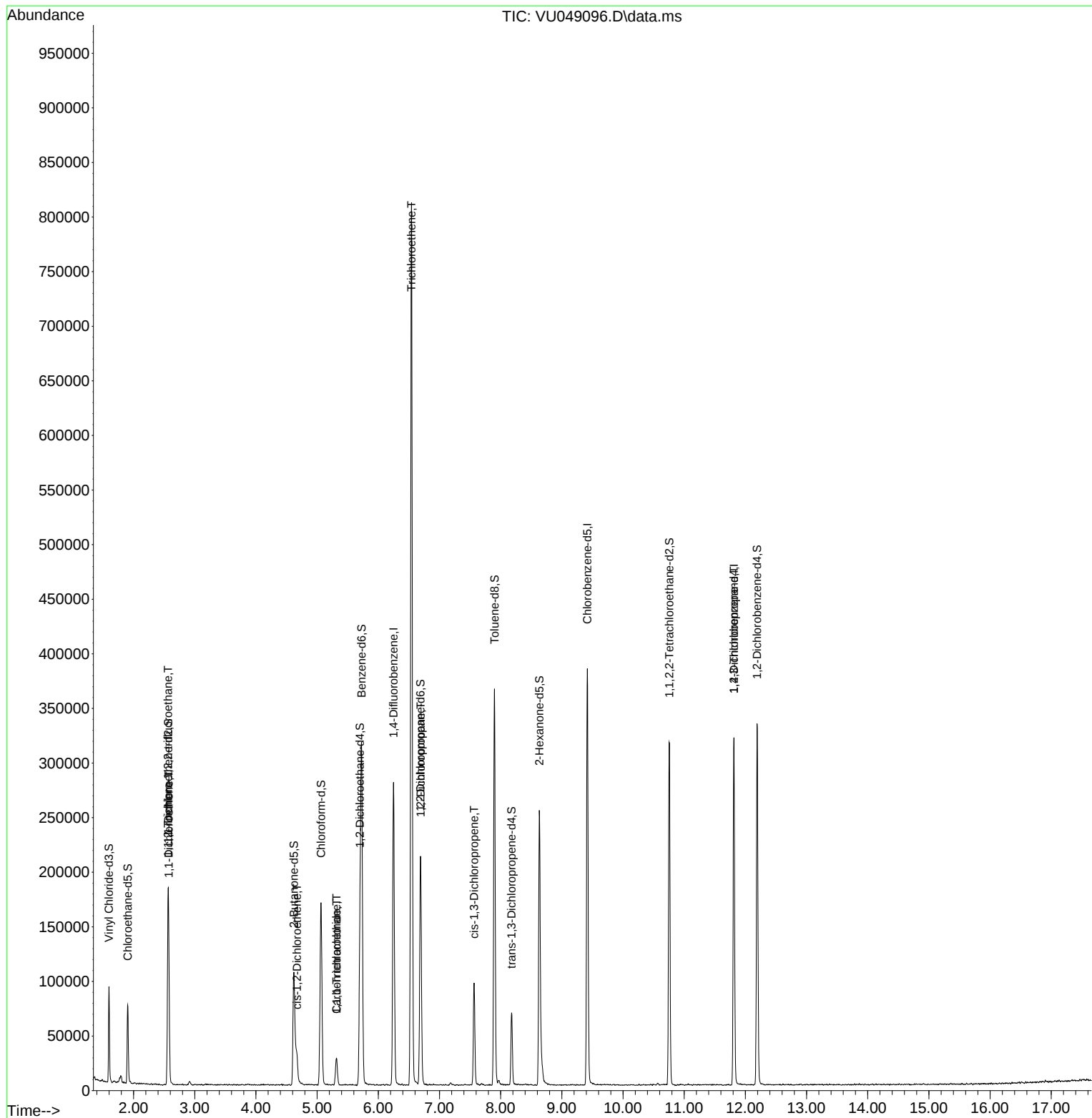
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	224481	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	219020	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88560	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61520	44.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.980%
7) Chloroethane-d5	1.903	69	53357	52.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.100%
11) 1,1-Dichloroethene-d2	2.565	63	100337	38.451	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.900%
21) 2-Butanone-d5	4.620	46	145315	95.841	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.840%
24) Chloroform-d	5.063	84	159263	53.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.980%
26) 1,2-Dichloroethane-d4	5.700	65	109237	57.154	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.300%
32) Benzene-d6	5.726	84	291745	53.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.440%
36) 1,2-Dichloropropane-d6	6.690	67	99756	54.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.280%
41) Toluene-d8	7.899	98	238952	49.889	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.780%
43) trans-1,3-Dichloroprop...	8.179	79	38396	44.702	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.400%
47) 2-Hexanone-d5	8.632	63	78201	81.839	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.840%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	155576	51.019	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.040%
66) 1,2-Dichlorobenzene-d4	12.192	152	93040	60.381	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.760%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	770	0.487	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	17231	12.447	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	12040	6.502	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	18694	6.120	ug/L	96
31) Carbon tetrachloride	5.317	117	1660	0.621	ug/L #	52
34) Trichloroethene	6.542	95	271671	151.890	ug/L	98
37) 1,2-Dichloropropane	6.694	63	10640	5.318	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2098	0.713	ug/L #	71
60) 1,2,3-Trichloropropane	11.812	75	9450	4.207	ug/L #	68

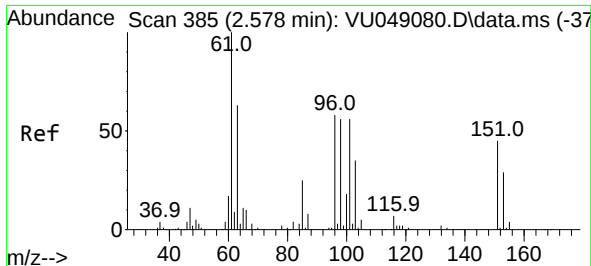
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 13 05:01:30 2022
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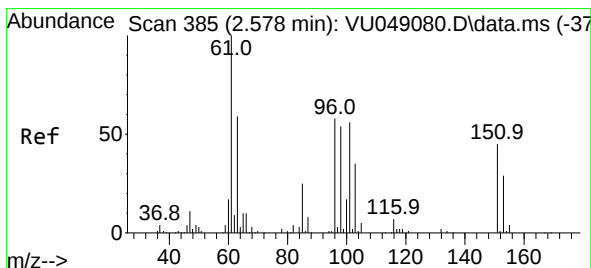
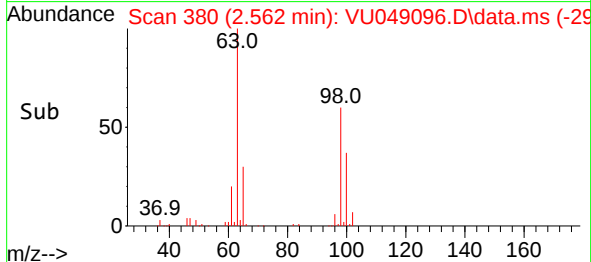
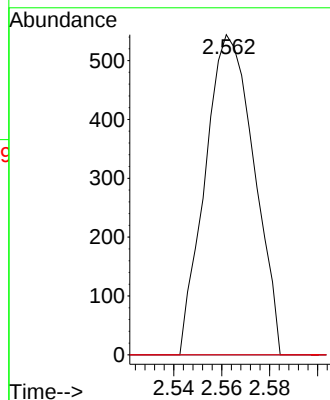
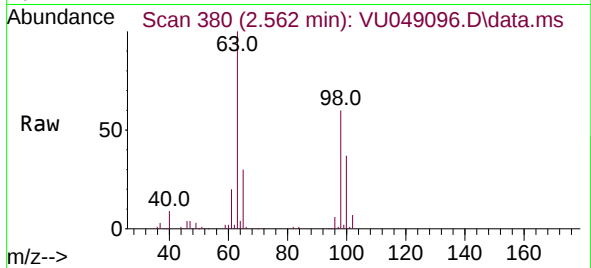




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.487 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU049096.D
 Acq: 12 Jun 2022 17:10

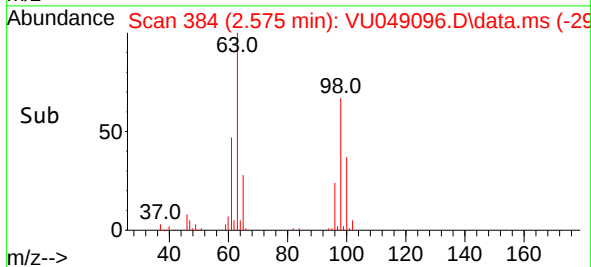
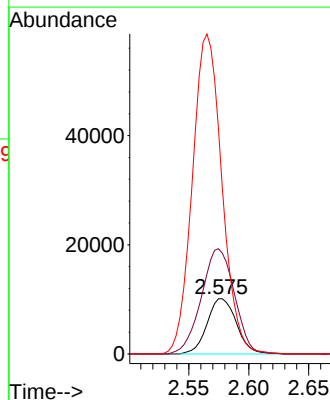
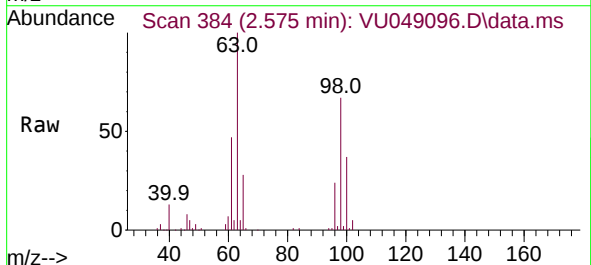
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DR7

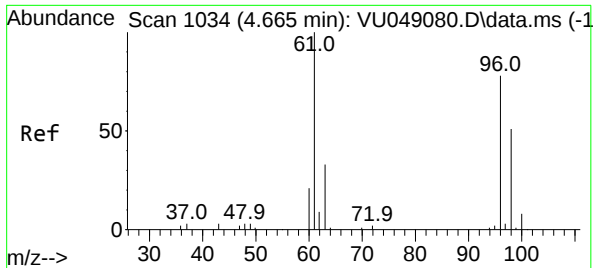
Tgt Ion:101 Resp: 770
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 12.447 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049096.D
 Acq: 12 Jun 2022 17:10

Tgt Ion: 96 Resp: 17231
 Ion Ratio Lower Upper
 96 100
 61 190.5 123.5 229.3
 63 408.3 86.0 159.8#

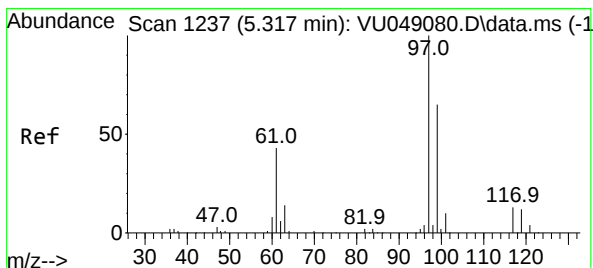
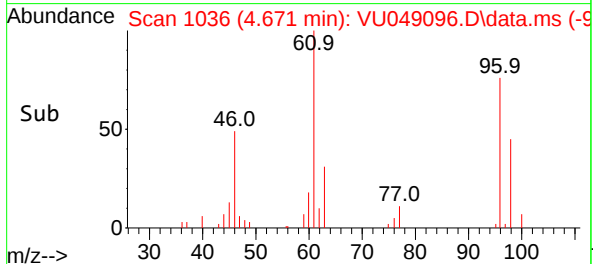
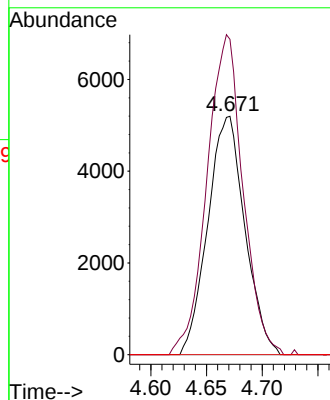
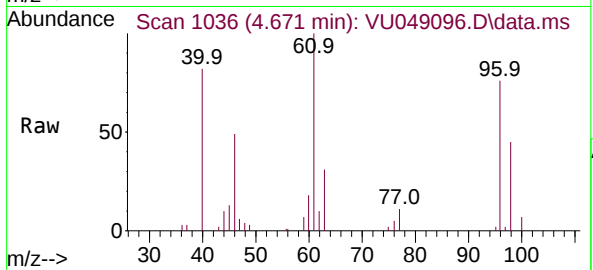




#20
 cis-1,2-Dichloroethene
 Concen: 6.502 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VU049096.D
 Acq: 12 Jun 2022 17:10

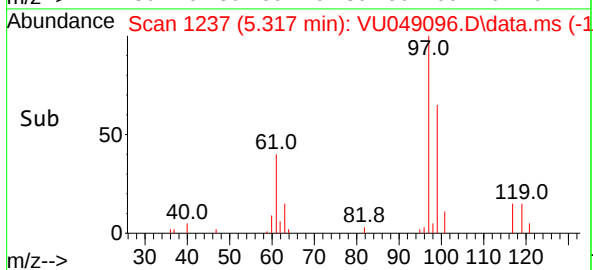
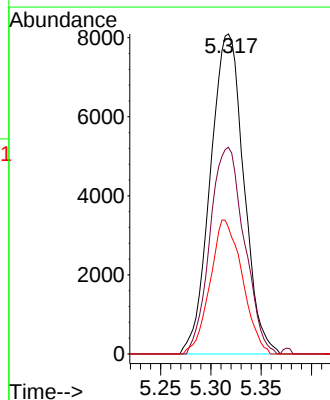
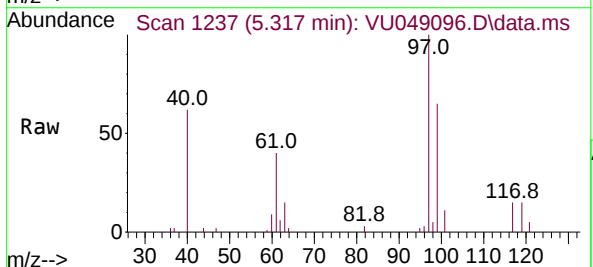
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DR7

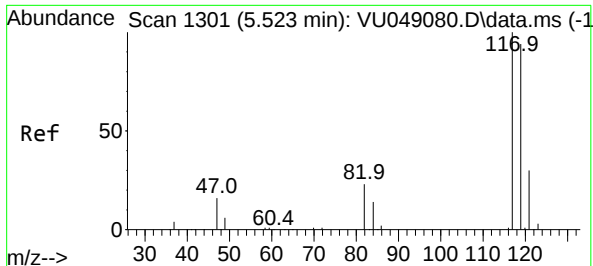
Tgt Ion: 96 Resp: 12040
 Ion Ratio Lower Upper
 96 100
 61 132.3 91.6 170.2
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 6.120 ug/L
 RT: 5.317 min Scan# 1237
 Delta R.T. -0.000 min
 Lab File: VU049096.D
 Acq: 12 Jun 2022 17:10

Tgt Ion: 97 Resp: 18694
 Ion Ratio Lower Upper
 97 100
 99 66.3 50.9 76.3
 61 40.3 34.2 51.2

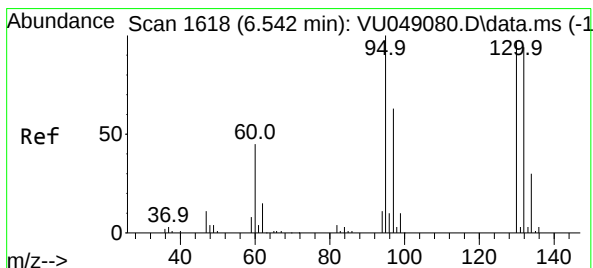
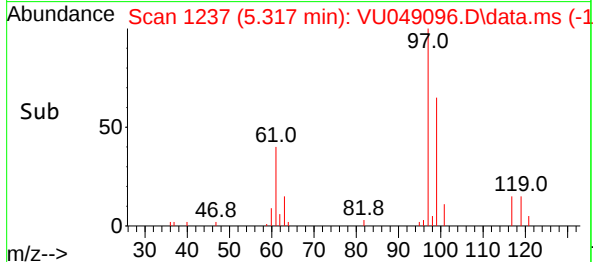
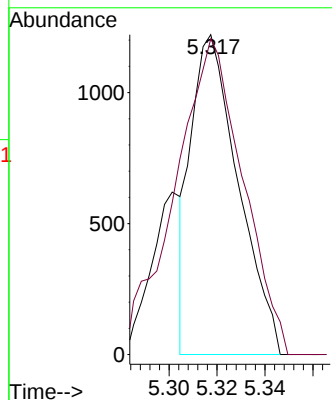
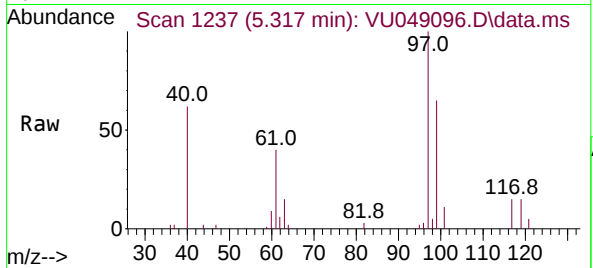




#31
Carbon tetrachloride
Concen: 0.621 ug/L
RT: 5.317 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU049096.D
Acq: 12 Jun 2022 17:10

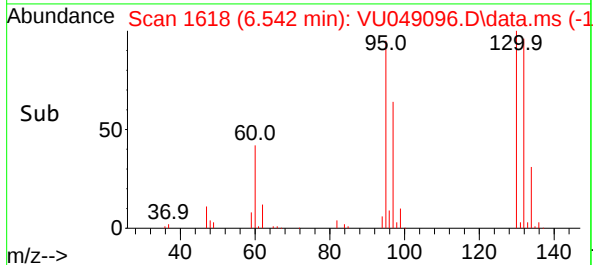
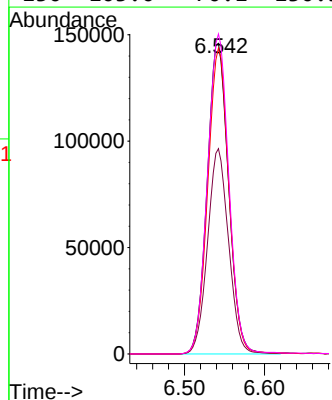
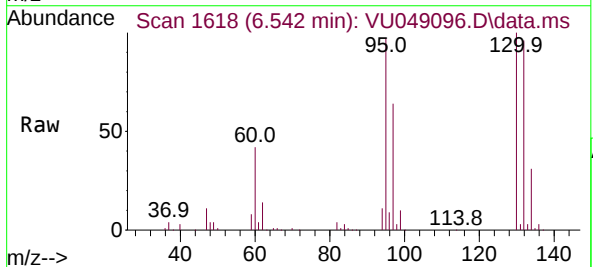
Instrument :
MSVOA_U
ClientSampleId :
C0DR7

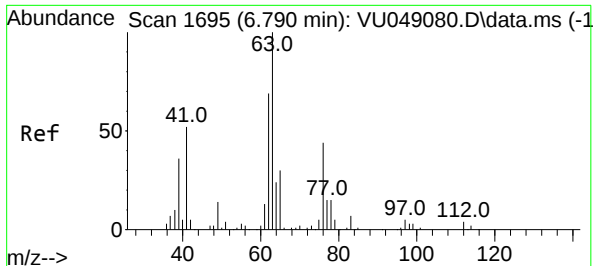
Tgt Ion:117 Resp: 1660
Ion Ratio Lower Upper
117 100
119 142.4 76.5 114.7#



#34
Trichloroethene
Concen: 151.890 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049096.D
Acq: 12 Jun 2022 17:10

Tgt Ion: 95 Resp: 271671
Ion Ratio Lower Upper
95 100
97 66.1 45.4 84.4
132 98.5 67.6 125.6
130 103.0 70.1 130.3





#37

1,2-Dichloropropane

Concen: 5.318 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU049096.D

Acq: 12 Jun 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

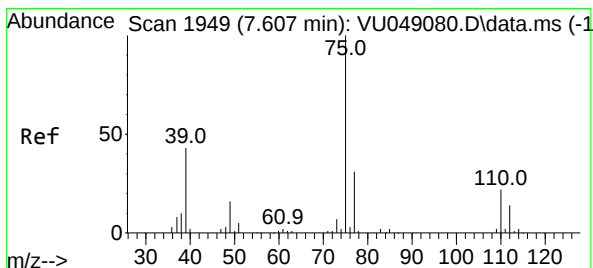
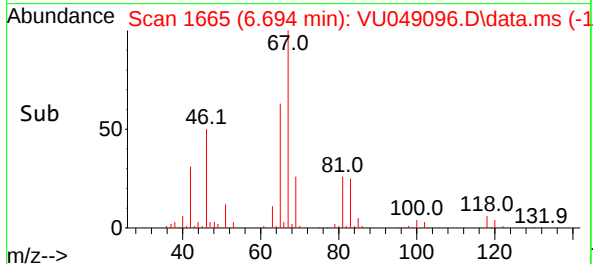
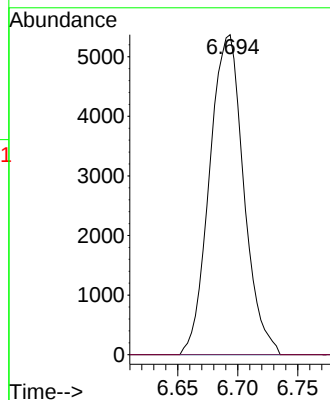
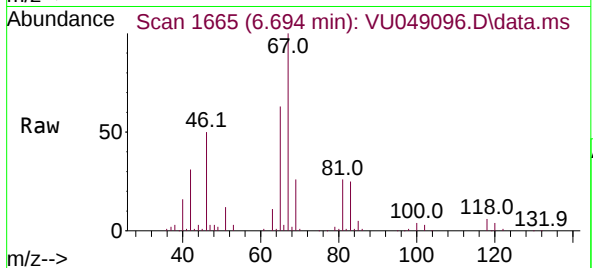
C0DR7

Tgt Ion: 63 Resp: 10640

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.713 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049096.D

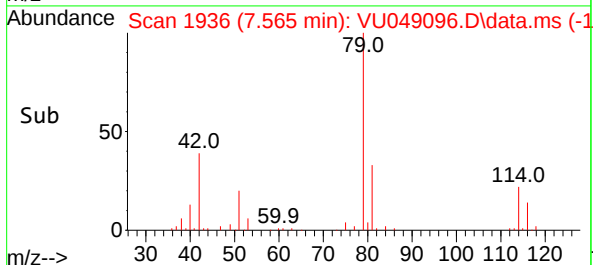
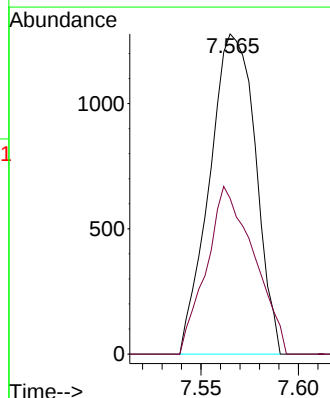
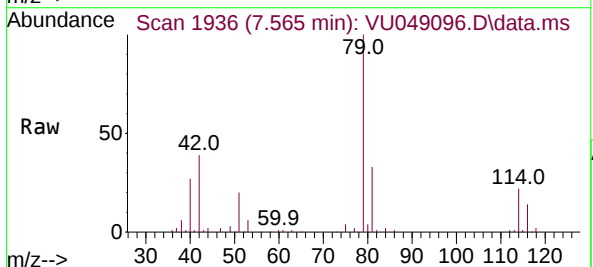
Acq: 12 Jun 2022 17:10

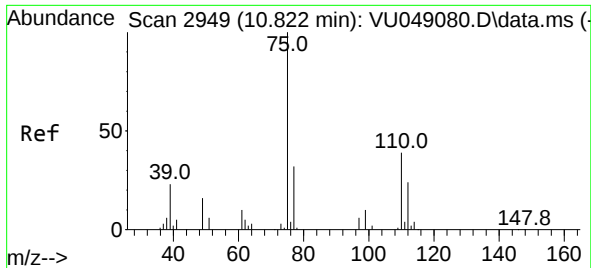
Tgt Ion: 75 Resp: 2098

Ion Ratio Lower Upper

75 100

77 48.6 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.207 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049096.D
 Acq: 12 Jun 2022 17:10

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Tgt Ion: 75 Resp: 9450
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.6 40.0
 110 2.9 30.2 45.4#

