

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049302.D
 Acq On : 20 Jun 2022 13:51
 Operator : SY/MD
 Sample : N3395-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0158

Quant Time: Jun 21 01:11:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 21 01:08:31 2022
 Response via : Initial Calibration

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

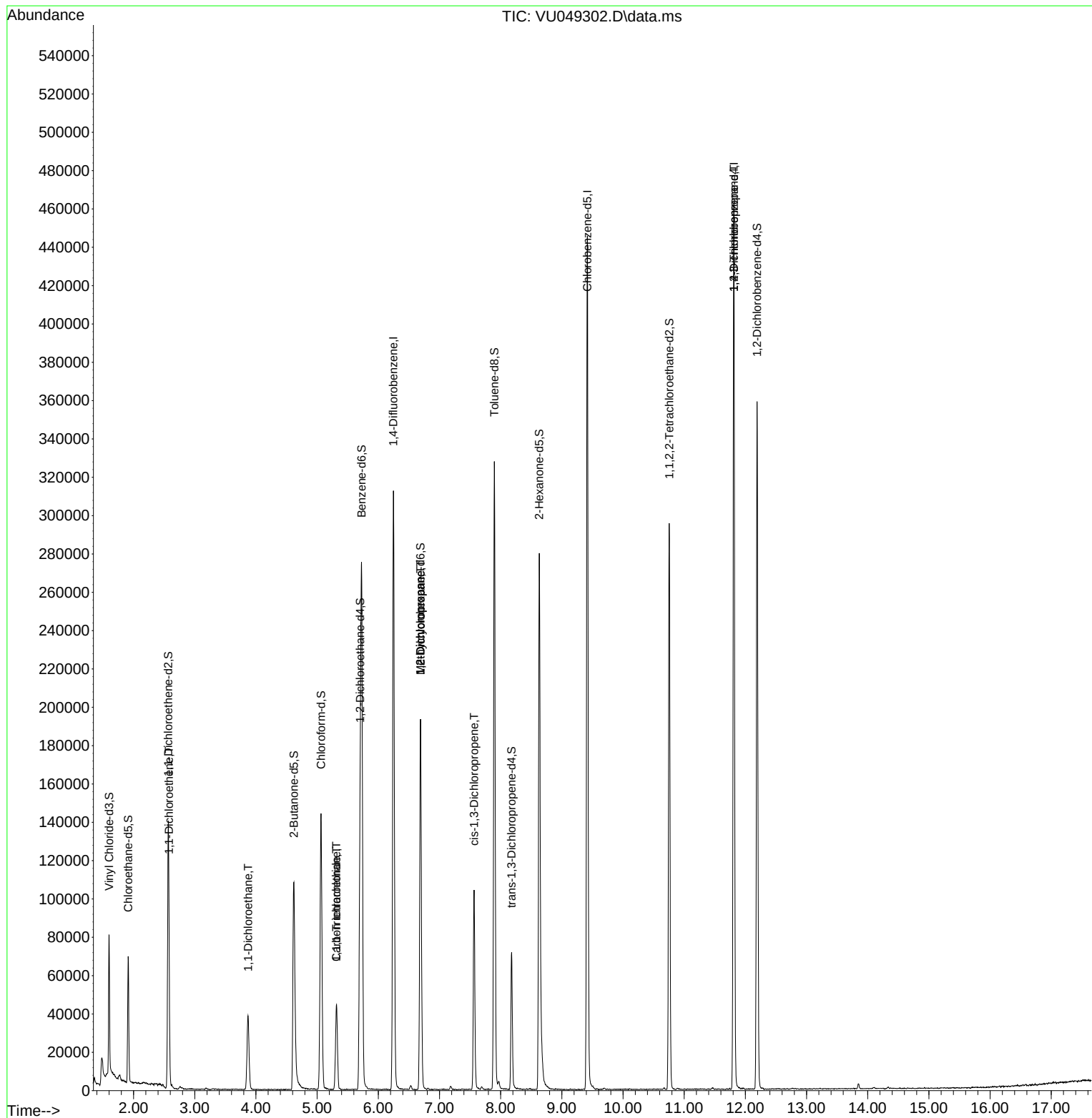
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	248065	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	237927	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	117848	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	49896	32.650	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.300%		
7) Chloroethane-d5	1.912	69	46185	41.161	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.320%		
11) 1,1-Dichloroethene-d2	2.568	63	80248	27.829	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.660%#		
21) 2-Butanone-d5	4.620	46	164210	98.006	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.010%		
24) Chloroform-d	5.063	84	131923	40.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.940%		
26) 1,2-Dichloroethane-d4	5.703	65	89312	42.286	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.580%		
32) Benzene-d6	5.726	84	243874	41.336	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.680%		
36) 1,2-Dichloropropane-d6	6.690	67	92884	46.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.660%		
41) Toluene-d8	7.896	98	211044	40.561	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.120%		
43) trans-1,3-Dichloroprop...	8.179	79	40086	42.961	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.920%		
47) 2-Hexanone-d5	8.629	63	97970	94.380	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.380%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	149046	44.993	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.980%		
66) 1,2-Dichlorobenzene-d4	12.192	152	92040	44.887	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.780%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	7340	4.798	ug/L #	1
19) 1,1-Dichloroethane	3.871	63	45304	12.503	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	32279	9.728	ug/L	98
31) Carbon tetrachloride	5.314	117	3933	1.355	ug/L	95
35) Methylcyclohexane	6.690	83	20350	7.503	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	9944	4.575	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2384	0.745	ug/L #	48
60) 1,2,3-Trichloropropane	11.812	75	15849	5.302	ug/L #	68

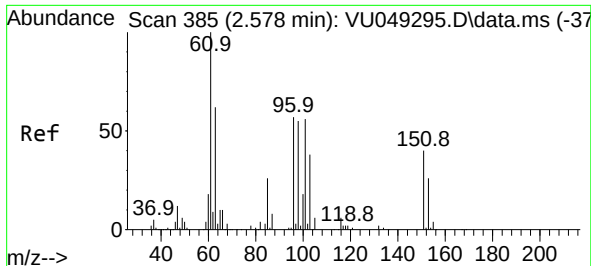
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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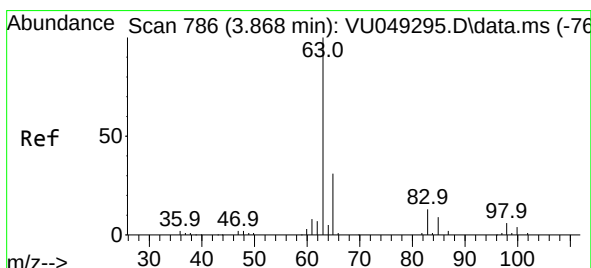
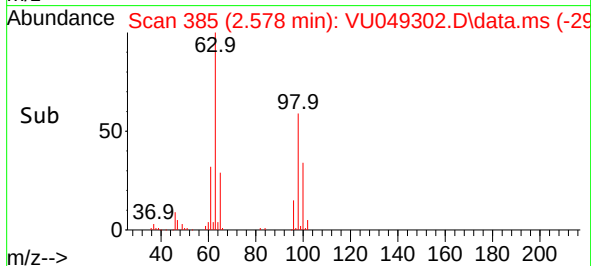
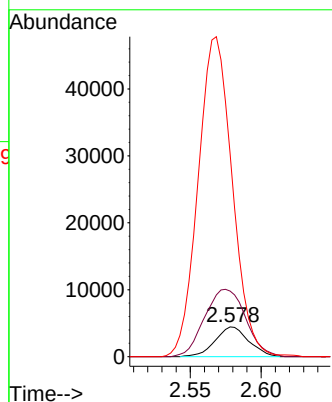
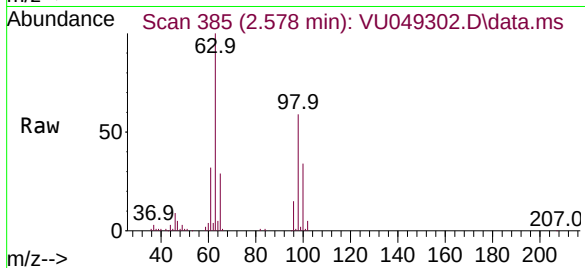




#12
1,1-Dichloroethene
Concen: 4.798 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU049302.D
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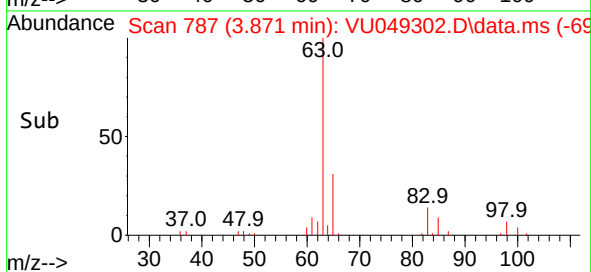
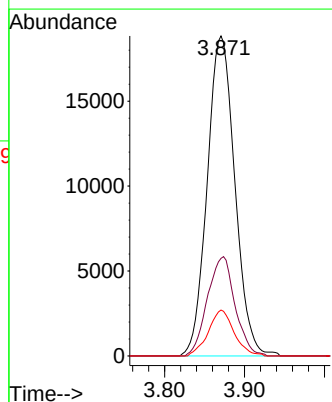
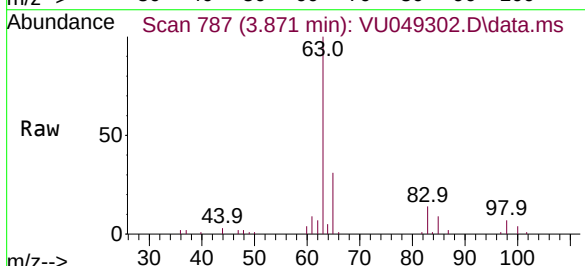
Instrument :
MSVOA_U
ClientSampleId :
C0158

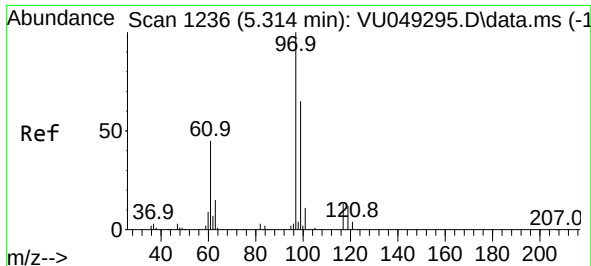
Tgt Ion: 96 Resp: 7340
Ion Ratio Lower Upper
96 100
61 220.1 123.5 229.3
63 681.7 86.0 159.8#



#19
1,1-Dichloroethane
Concen: 12.503 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU049302.D
Acq: 20 Jun 2022 13:51

Tgt Ion: 63 Resp: 45304
Ion Ratio Lower Upper
63 100
65 30.5 22.3 41.5
83 14.4 9.5 17.7





#30

1,1,1-Trichloroethane

Concen: 9.728 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU049302.D

Acq: 20 Jun 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

C0158

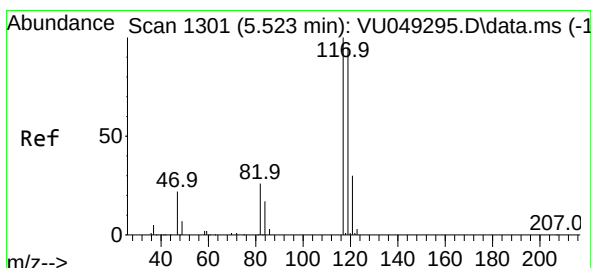
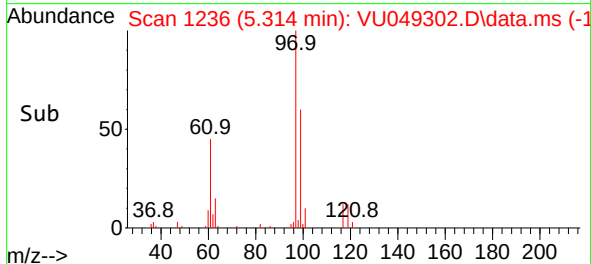
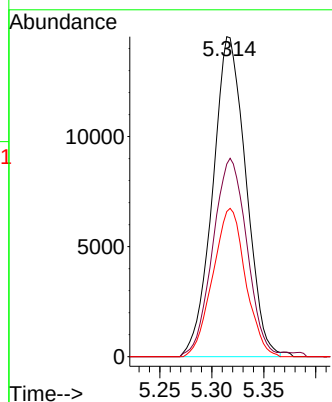
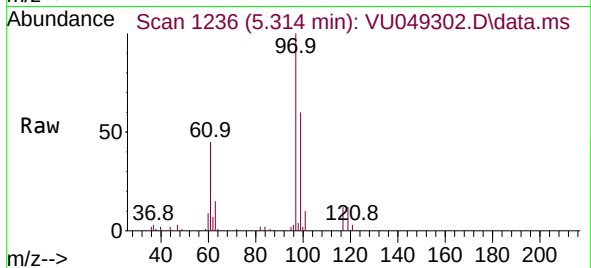
Tgt Ion: 97 Resp: 32279

Ion Ratio Lower Upper

97 100

99 63.7 50.9 76.3

61 45.7 34.2 51.2



#31

Carbon tetrachloride

Concen: 1.355 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.209 min

Lab File: VU049302.D

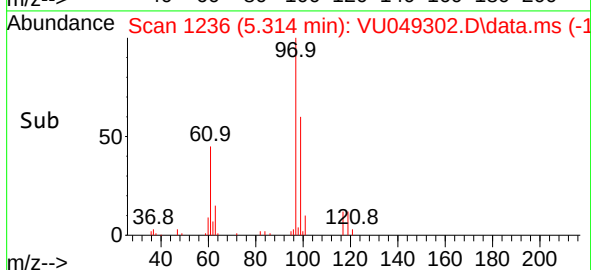
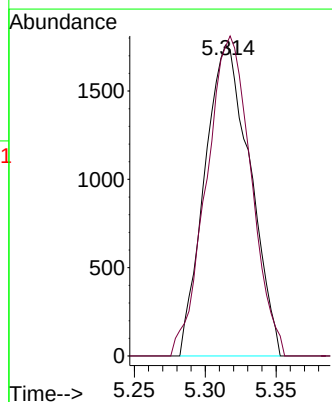
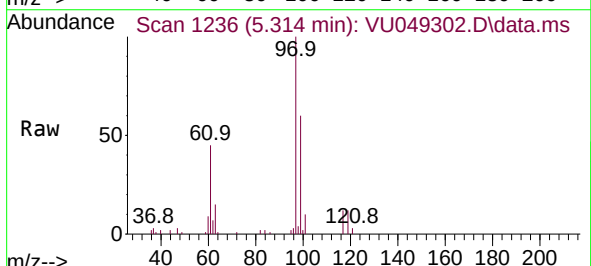
Acq: 20 Jun 2022 13:51

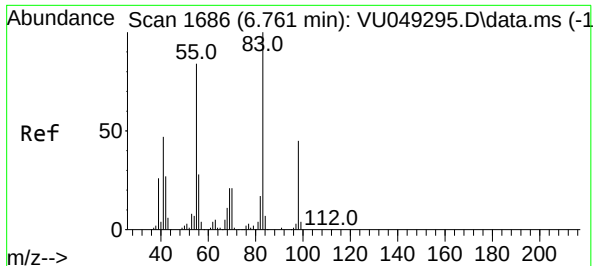
Tgt Ion: 117 Resp: 3933

Ion Ratio Lower Upper

117 100

119 100.8 76.5 114.7

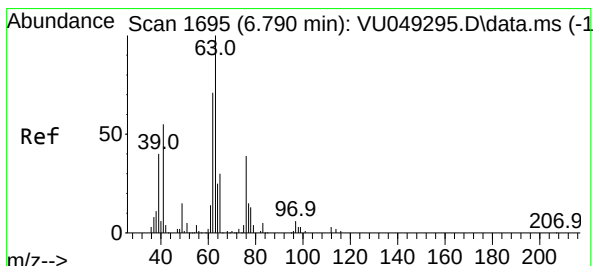
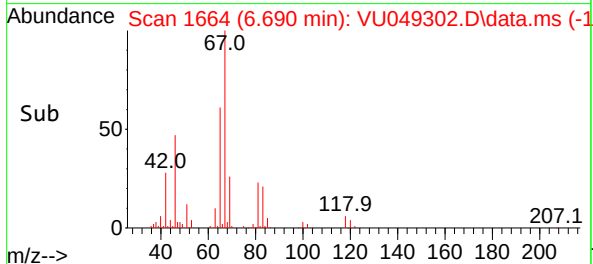
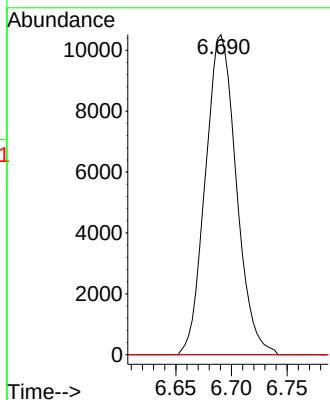
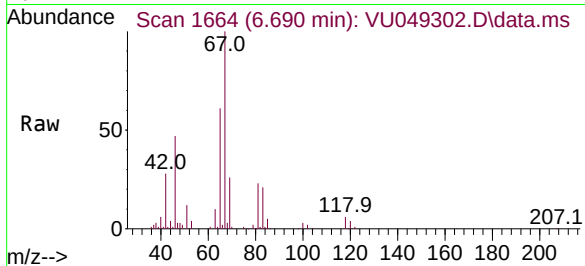




#35
Methylcyclohexane
Concen: 7.503 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049302.D
Acq: 20 Jun 2022 13:51

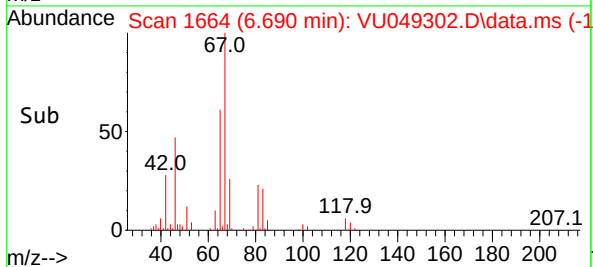
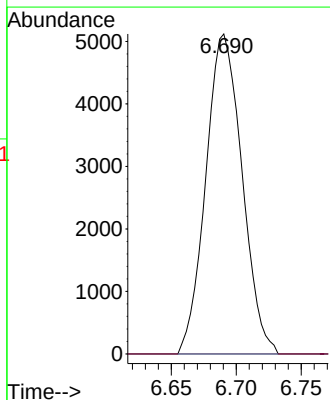
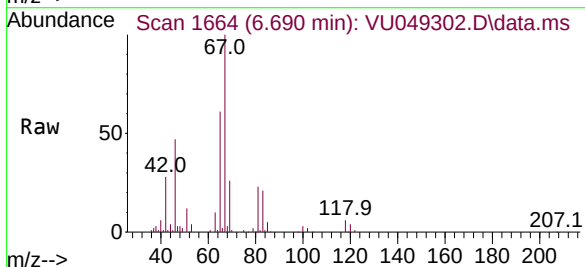
Instrument :
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ClientSampleId :
C0158

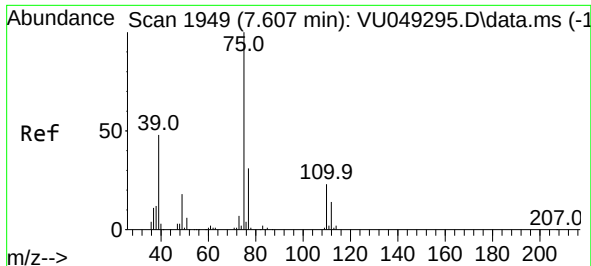
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.6#
98	0.4	36.8	55.2#



#37
1,2-Dichloropropane
Concen: 4.575 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049302.D
Acq: 20 Jun 2022 13:51

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.745 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049302.D

Acq: 20 Jun 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

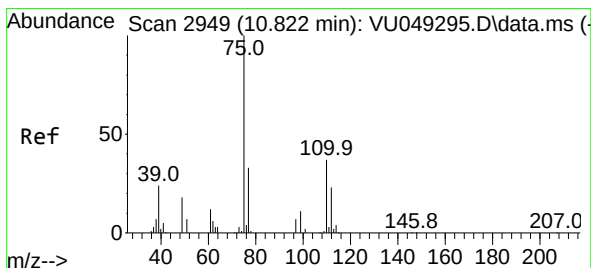
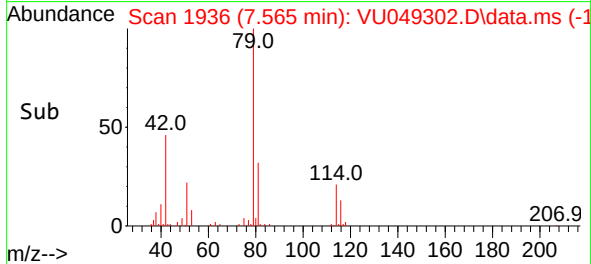
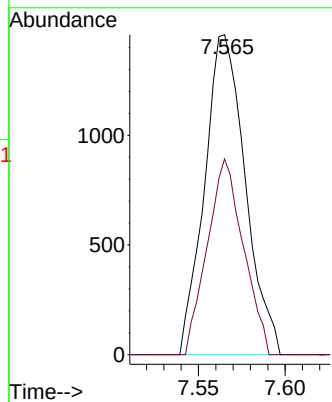
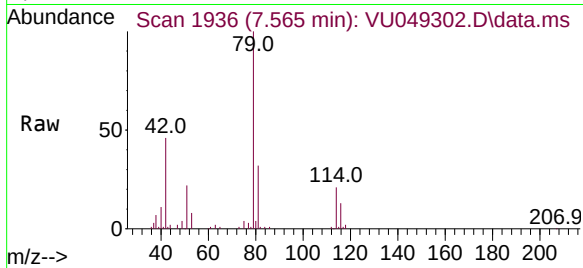
C0158

Tgt Ion: 75 Resp: 2384

Ion Ratio Lower Upper

75 100

77 61.2 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 5.302 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049302.D

Acq: 20 Jun 2022 13:51

Tgt Ion: 75 Resp: 15849

Ion Ratio Lower Upper

75 100

77 32.6 26.6 40.0

110 2.7 30.2 45.4#

