

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049314.D
 Acq On : 20 Jun 2022 18:33
 Operator : SY/MD
 Sample : N3396-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0167

Quant Time: Jun 21 01:13:48 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)

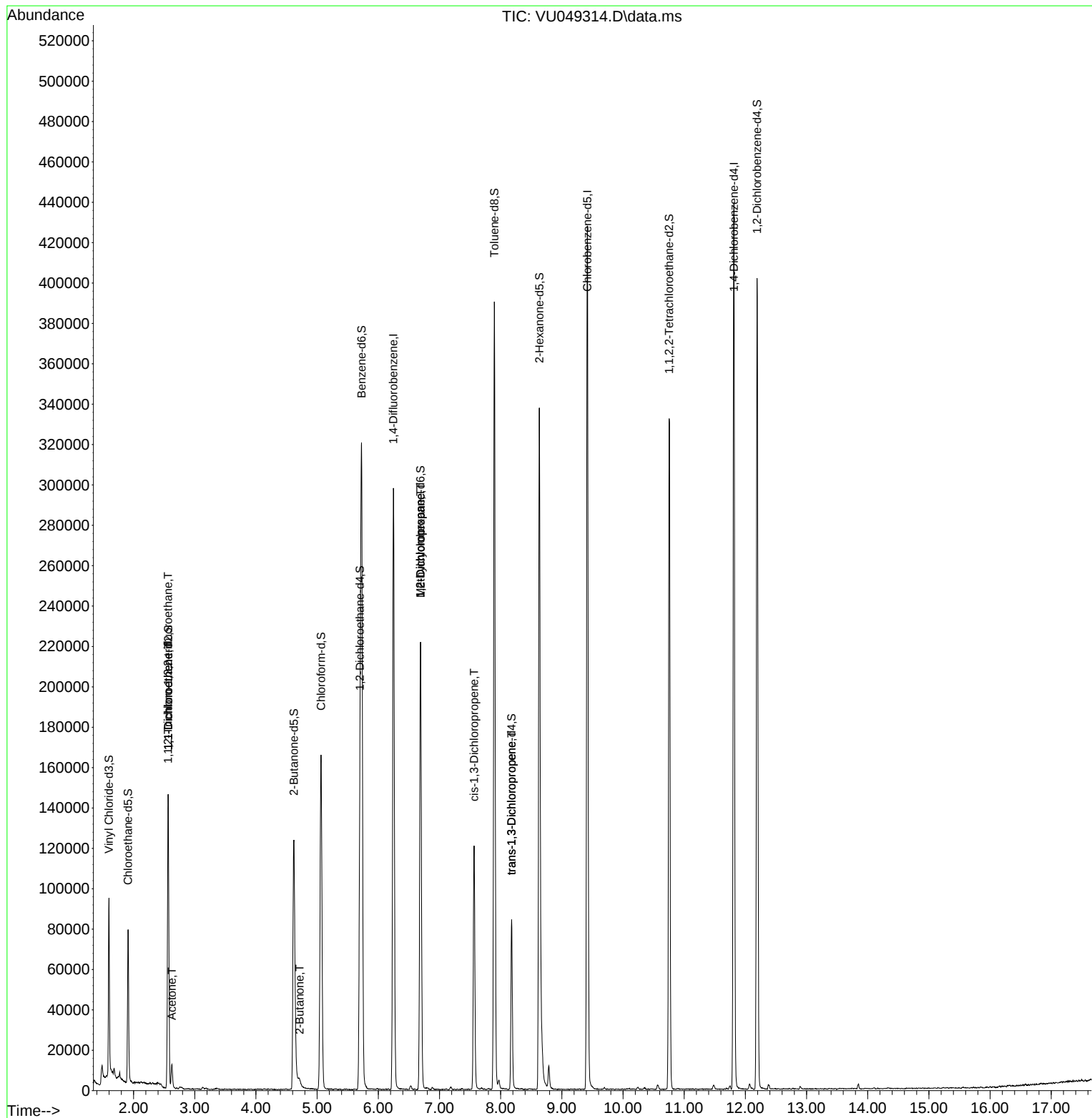
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	233728	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229832	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	112966	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61032	42.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.780%			
7) Chloroethane-d5	1.909	69	53110	50.236	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.480%			
11) 1,1-Dichloroethene-d2	2.565	63	88495	32.571	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.140%			
21) 2-Butanone-d5	4.620	46	186020	117.834	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.830%			
24) Chloroform-d	5.063	84	153688	50.035	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.060%			
26) 1,2-Dichloroethane-d4	5.700	65	102516	51.516	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.040%			
32) Benzene-d6	5.726	84	284510	49.922	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.840%			
36) 1,2-Dichloropropane-d6	6.690	67	108091	56.418	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.840%			
41) Toluene-d8	7.896	98	250975	49.934	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.860%			
43) trans-1,3-Dichloroprop...	8.179	79	46946	52.085	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.180%			
47) 2-Hexanone-d5	8.632	63	110893	110.592	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.590%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	167720	52.414	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.820%			
66) 1,2-Dichlorobenzene-d4	12.192	152	104663	53.249	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.500%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	598	0.363	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	688	0.477	ug/L #	1
13) Acetone	2.626	43	12928	10.407	ug/L	99
22) 2-Butanone	4.713	43	5982	3.134	ug/L	100
35) Methylcyclohexane	6.690	83	23052	8.799	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11688	5.566	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3339	1.081	ug/L #	83
44) trans-1,3-Dichloropropene	8.179	75	2190	0.716	ug/L	86

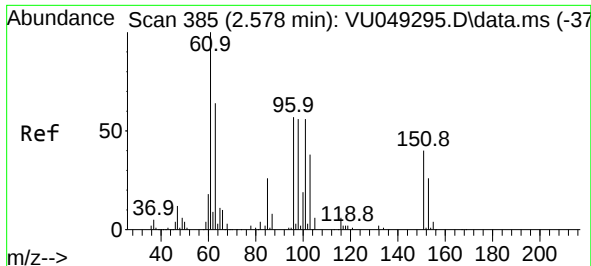
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 21 01:08:31 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.363 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU049314.D

Acq: 20 Jun 2022 18:33

Instrument :

MSVOA_U

ClientSampleId :

C0167

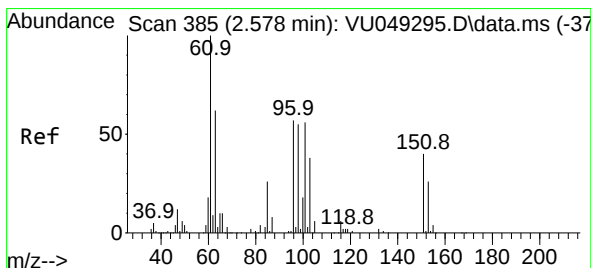
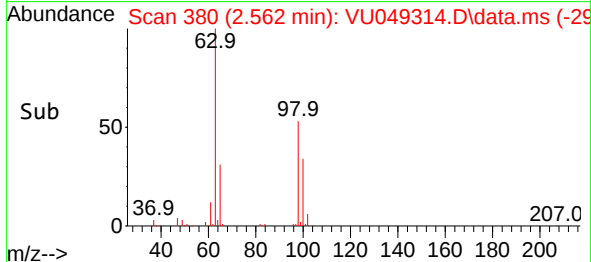
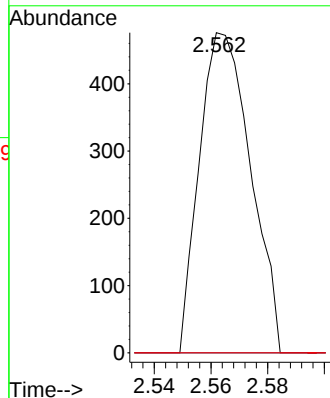
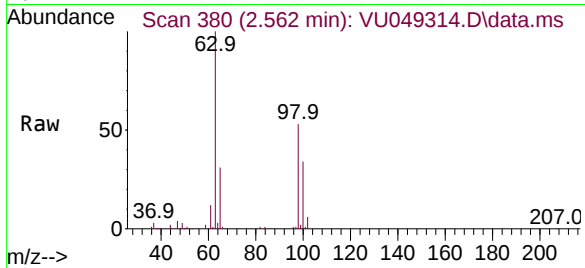
Tgt Ion:101 Resp: 598

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: 0.477 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU049314.D

Acq: 20 Jun 2022 18:33

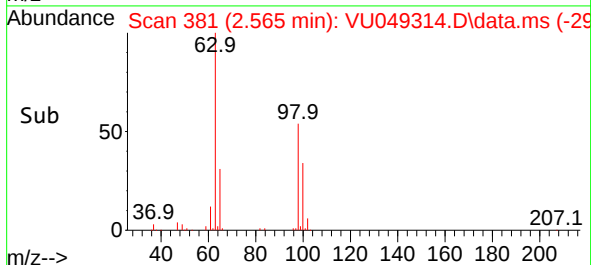
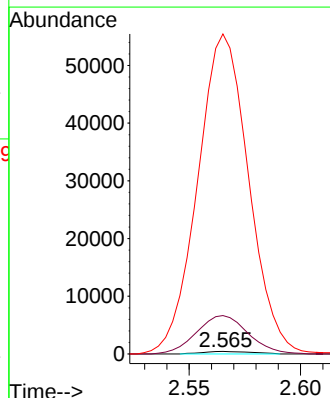
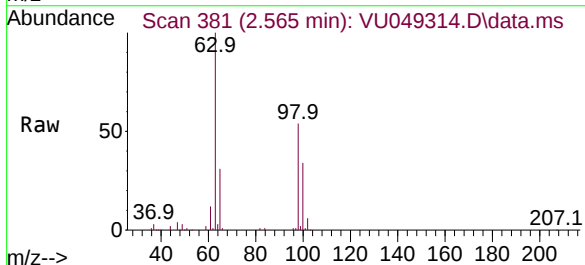
Tgt Ion: 96 Resp: 688

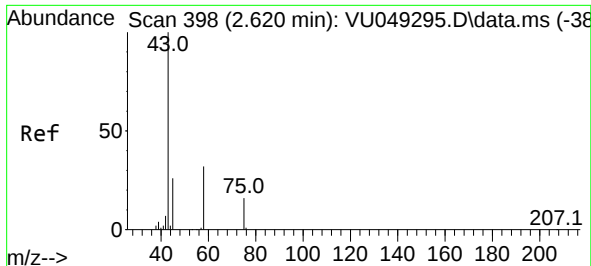
Ion Ratio Lower Upper

96 100

61 1534.8 123.5 229.3#

63 12777.9 86.0 159.8#

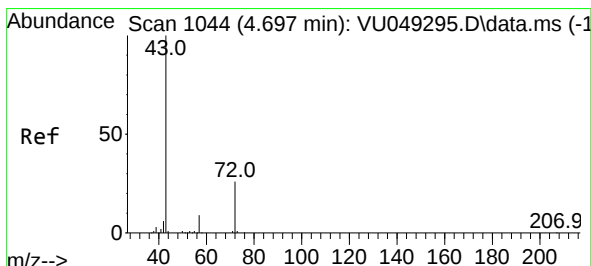
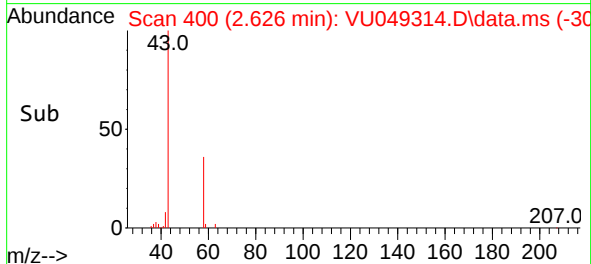
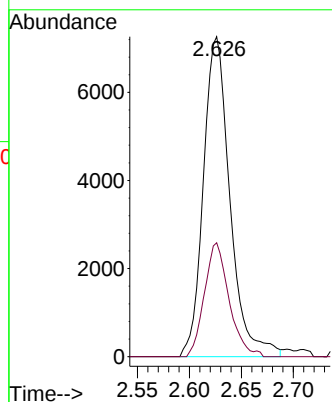
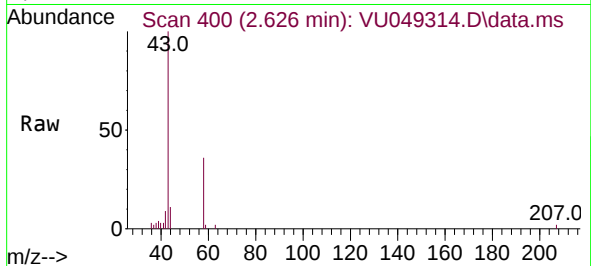




#13
Acetone
Concen: 10.407 ug/L
RT: 2.626 min Scan# 40
Delta R.T. 0.006 min
Lab File: VU049314.D
Acq: 20 Jun 2022 18:33

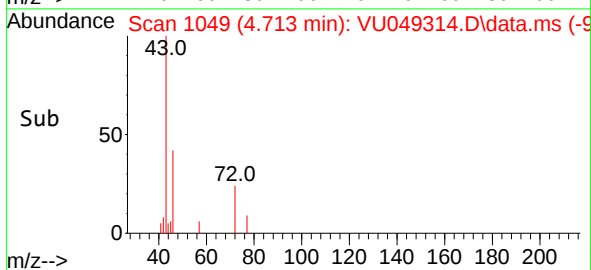
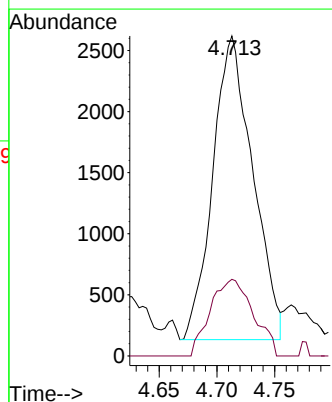
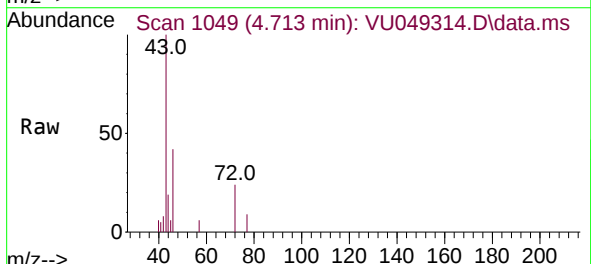
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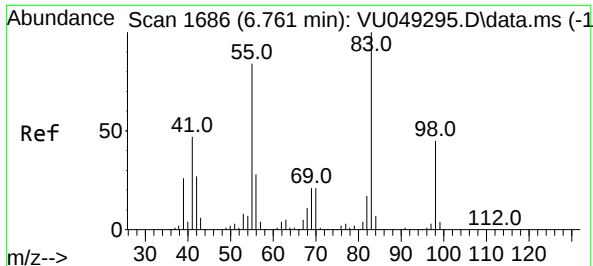
Tgt Ion: 43 Resp: 12928
Ion Ratio Lower Upper
43 100
58 32.6 0.0 66.4



#22
2-Butanone
Concen: 3.134 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.016 min
Lab File: VU049314.D
Acq: 20 Jun 2022 18:33

Tgt Ion: 43 Resp: 5982
Ion Ratio Lower Upper
43 100
72 27.2 13.7 41.0

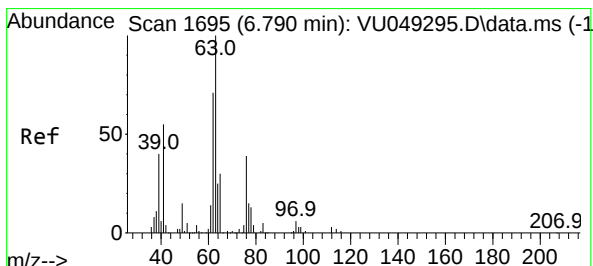
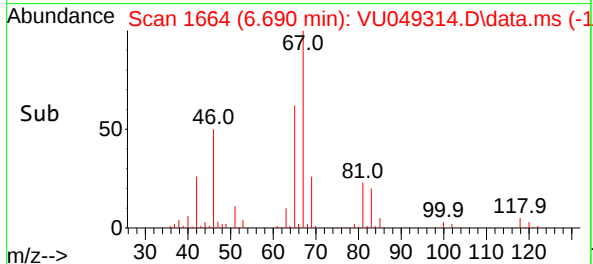
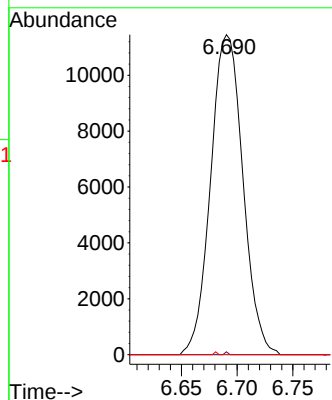
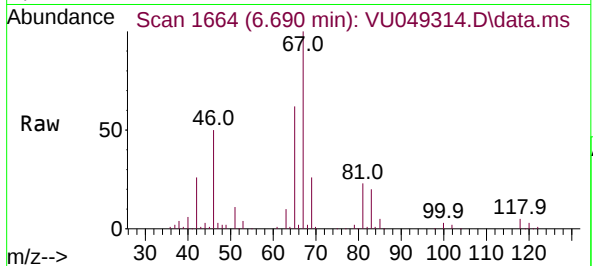




#35
Methylcyclohexane
Concen: 8.799 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049314.D
Acq: 20 Jun 2022 18:33

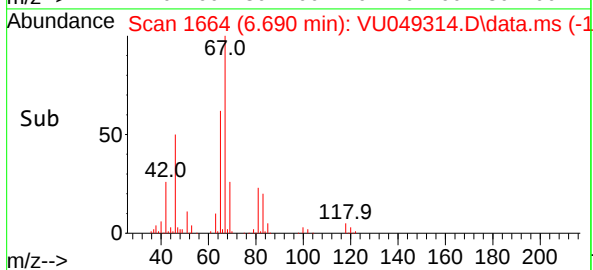
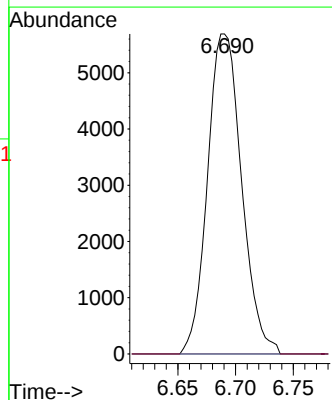
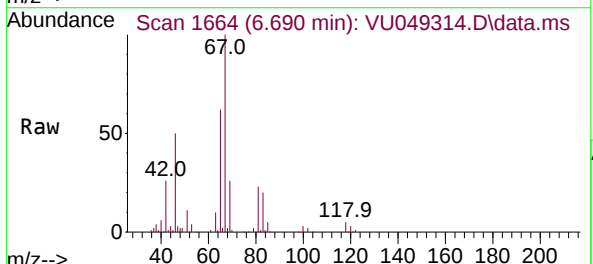
Instrument :
MSVOA_U
ClientSampleId :
C0167

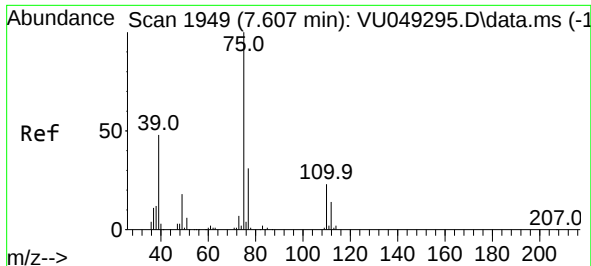
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.6#
98	0.5	36.8	55.2#



#37
1,2-Dichloropropane
Concen: 5.566 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049314.D
Acq: 20 Jun 2022 18:33

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





#39

cis-1,3-Dichloropropene

Concen: 1.081 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049314.D

Acq: 20 Jun 2022 18:33

Instrument :

MSVOA_U

ClientSampleId :

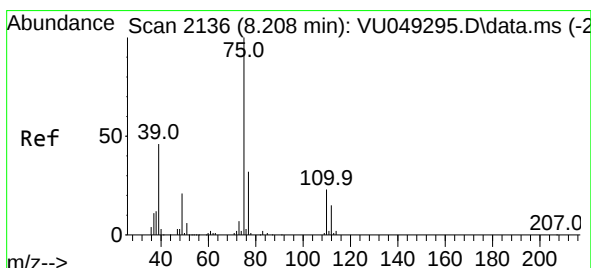
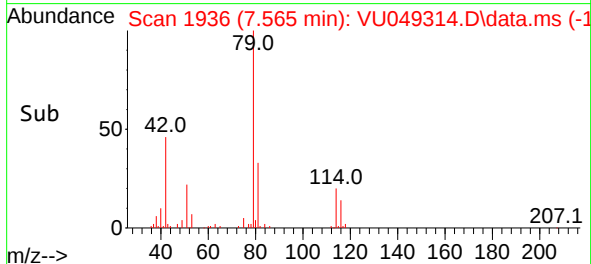
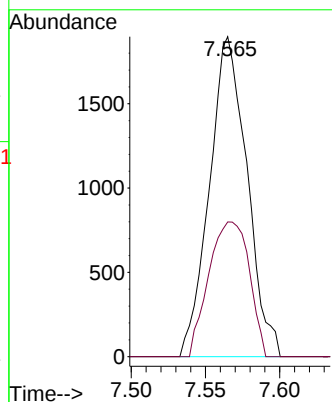
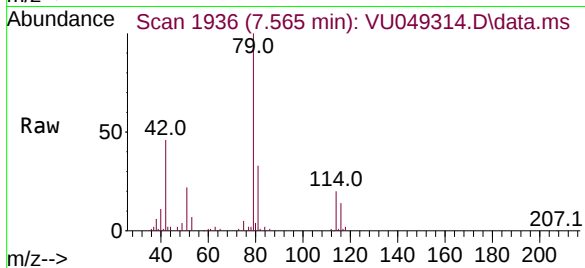
C0167

Tgt Ion: 75 Resp: 3339

Ion Ratio Lower Upper

75 100

77 42.1 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU049314.D

Acq: 20 Jun 2022 18:33

Tgt Ion: 75 Resp: 2190

Ion Ratio Lower Upper

75 100

77 39.2 21.9 40.7

