

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049005.D
 Acq On : 10 Jun 2022 18:37
 Operator : SY/MD
 Sample : N3254-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF7

Quant Time: Jun 11 02:44:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:44:31 2022
 Response via : Initial Calibration

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

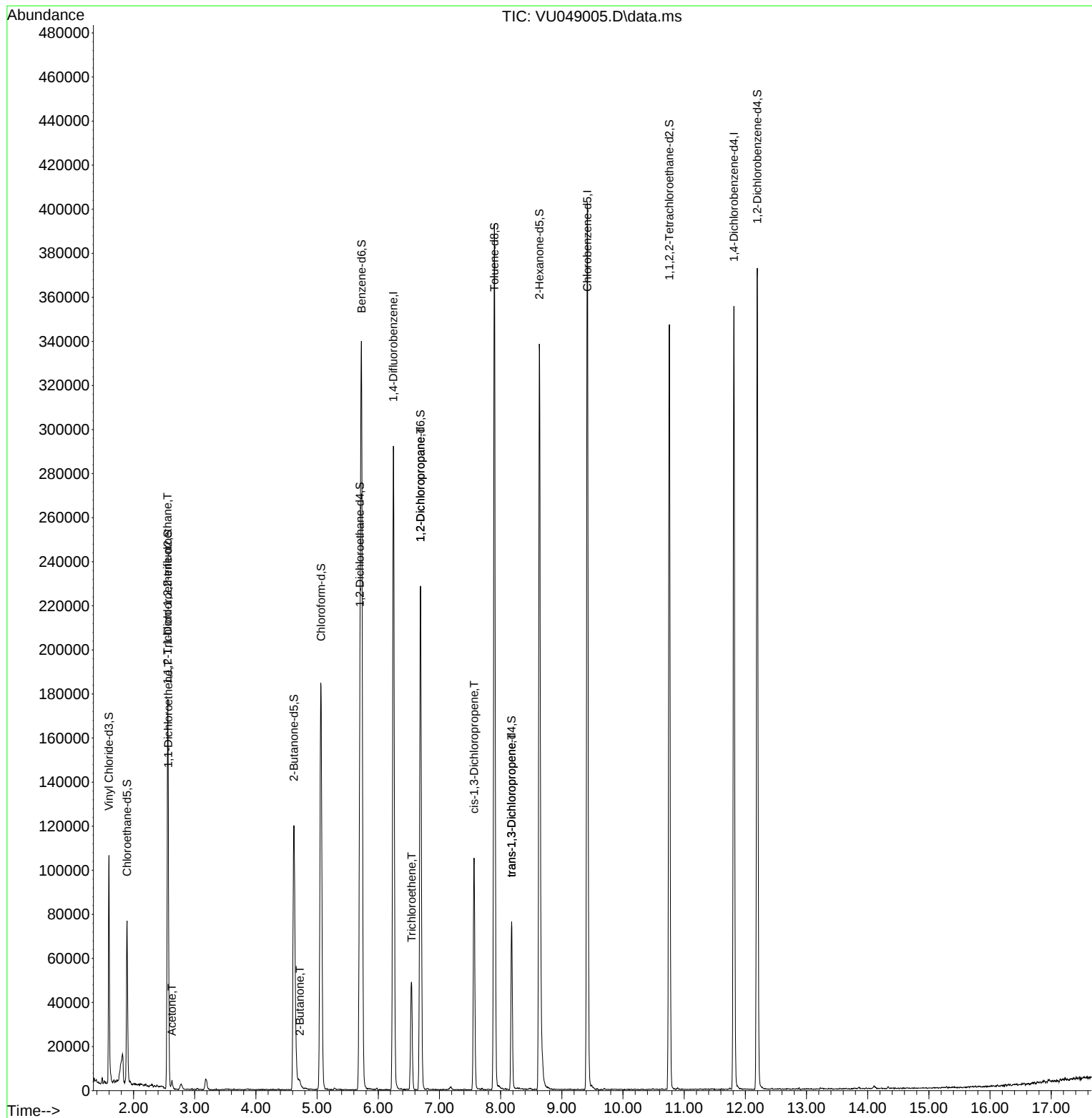
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	234435	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	223159	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	96590	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73255	50.723	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 101.440%		
7) Chloroethane-d5	1.893	69	55896	52.712	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 105.420%		
11) 1,1-Dichloroethene-d2	2.559	63	104346	38.289	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 76.580%		
21) 2-Butanone-d5	4.620	46	173592	109.630	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 109.630%		
24) Chloroform-d	5.064	84	168537	54.704	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 109.400%		
26) 1,2-Dichloroethane-d4	5.700	65	114714	57.471	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 114.940%		
32) Benzene-d6	5.726	84	306857	55.453	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 110.900%		
36) 1,2-Dichloropropane-d6	6.691	67	110092	59.181	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 118.360%		
41) Toluene-d8	7.896	98	257209	52.705	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 105.400%		
43) trans-1,3-Dichloroprop...	8.179	79	42380	48.425	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 96.860%		
47) 2-Hexanone-d5	8.633	63	106304	109.186	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 109.190%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	171305	55.135	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 110.260%		
66) 1,2-Dichlorobenzene-d4	12.195	152	99102	58.968	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 117.940%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.556	101	944	0.572	ug/L #	19
12) 1,1-Dichloroethene	2.569	96	1558	1.078	ug/L #	1
13) Acetone	2.626	43	4145	3.327	ug/L	91
22) 2-Butanone	4.716	43	5605	2.927	ug/L	81
34) Trichloroethene	6.546	95	16637	9.129	ug/L	96
37) 1,2-Dichloropropane	6.691	63	11818	5.797	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2498	0.833	ug/L #	59
44) trans-1,3-Dichloropropene	8.179	75	2066	0.696	ug/L	89

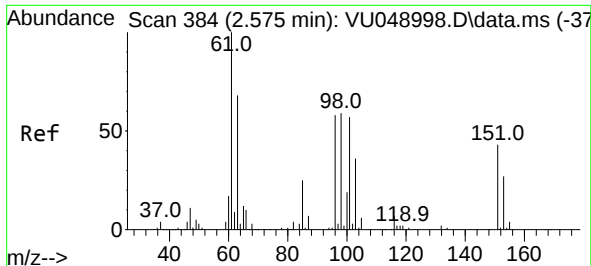
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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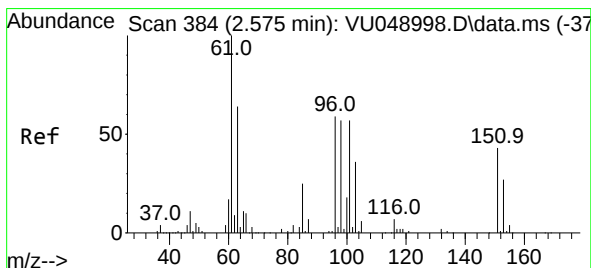
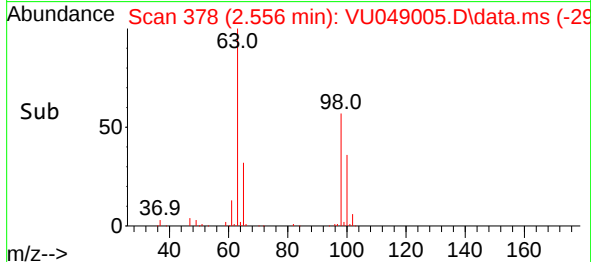
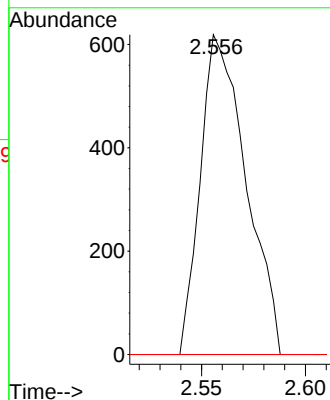
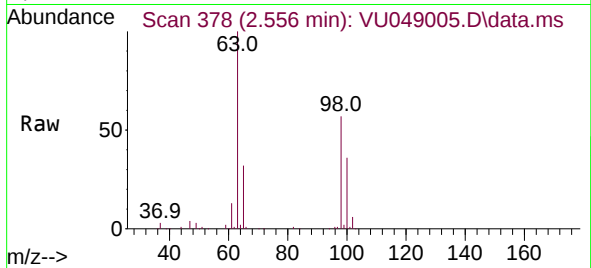




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.572 ug/L
RT: 2.556 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU049005.D
Acq: 10 Jun 2022 18:37

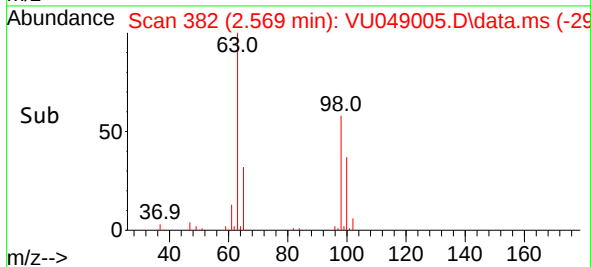
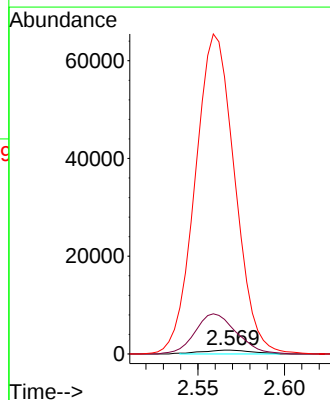
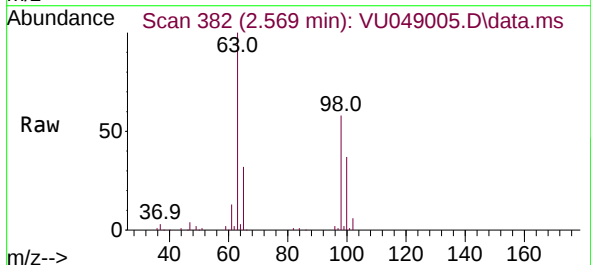
Instrument :
MSVOA_U
ClientSampleId :
C0DF7

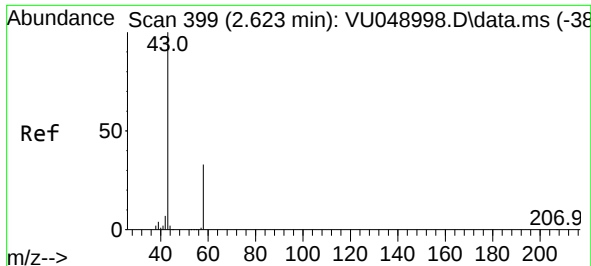
Tgt Ion:101 Resp: 944
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 1.078 ug/L
RT: 2.569 min Scan# 382
Delta R.T. -0.006 min
Lab File: VU049005.D
Acq: 10 Jun 2022 18:37

Tgt Ion: 96 Resp: 1558
Ion Ratio Lower Upper
96 100
61 723.8 123.5 229.3#
63 5771.0 86.0 159.8#





#13

Acetone

Concen: 3.327 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU049005.D

Acq: 10 Jun 2022 18:37

Instrument :

MSVOA_U

ClientSampleId :

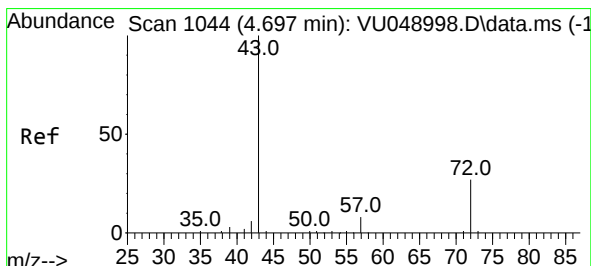
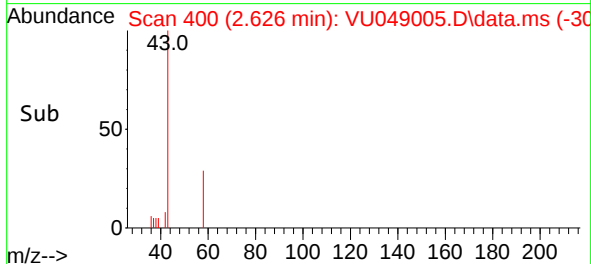
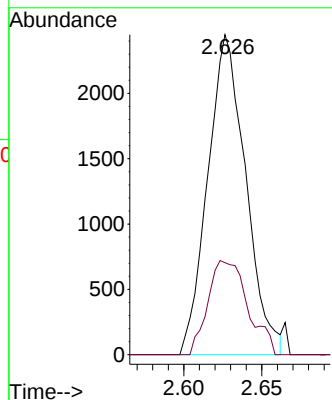
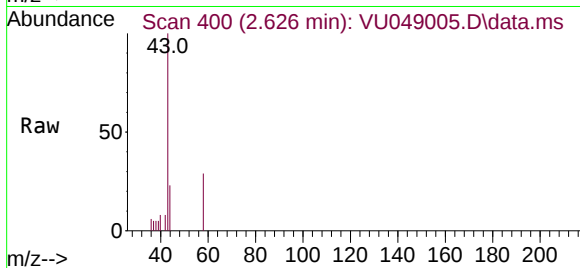
C0DF7

Tgt Ion: 43 Resp: 4145

Ion Ratio Lower Upper

43 100

58 28.2 0.0 66.4



#22

2-Butanone

Concen: 2.927 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.019 min

Lab File: VU049005.D

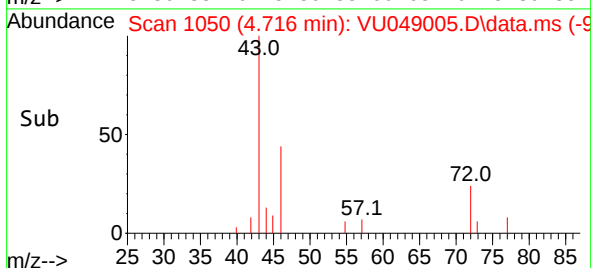
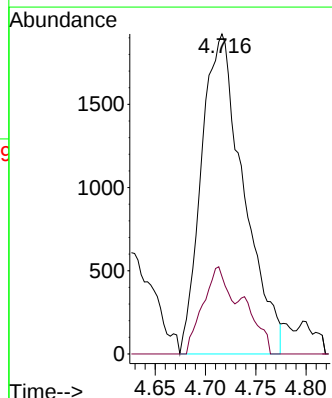
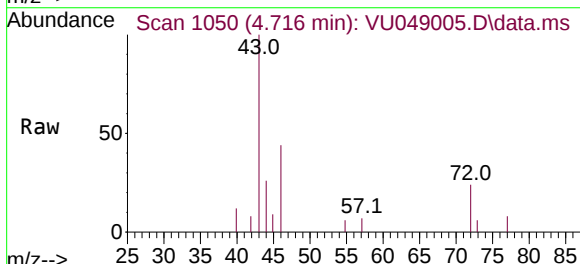
Acq: 10 Jun 2022 18:37

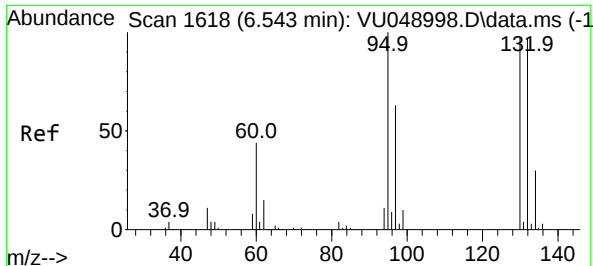
Tgt Ion: 43 Resp: 5605

Ion Ratio Lower Upper

43 100

72 17.3 13.7 41.0



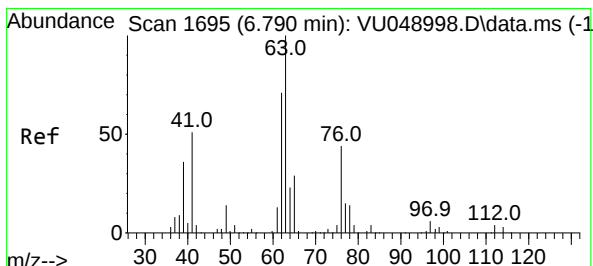
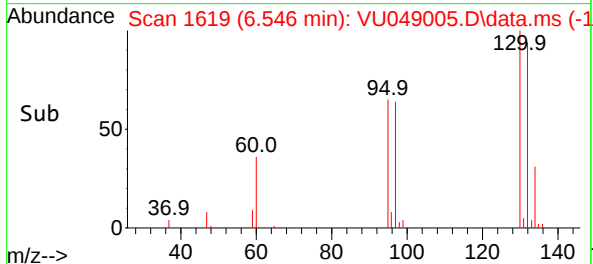
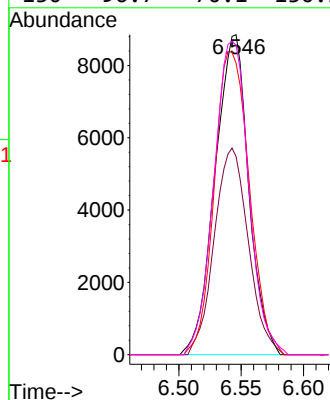
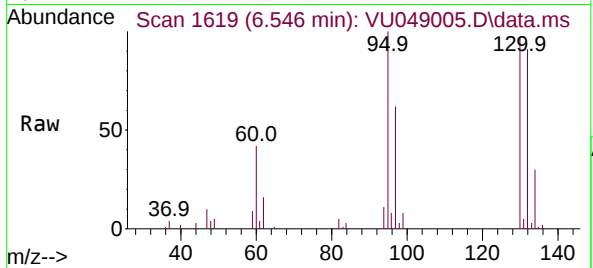


#34
Trichloroethene
Concen: 9.129 ug/L
RT: 6.546 min Scan# 1663
Delta R.T. 0.003 min
Lab File: VU049005.D
Acq: 10 Jun 2022 18:37

Instrument :
MSVOA_U
ClientSampleId :
C0DF7

Tgt Ion: 95 Resp: 16637

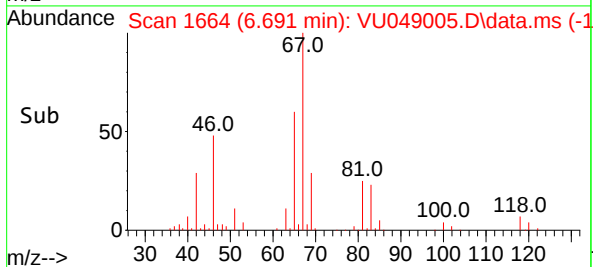
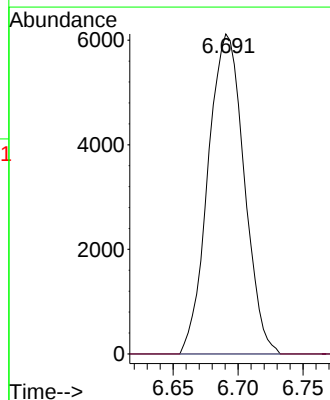
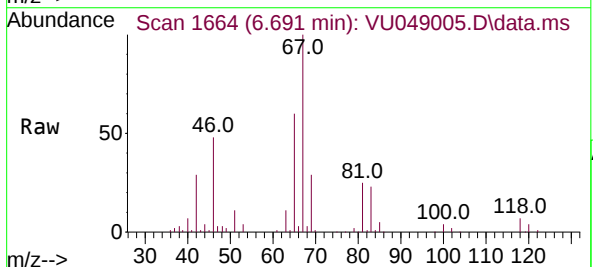
Ion	Ratio	Lower	Upper
95	100		
97	61.9	45.4	84.4
132	91.1	67.6	125.6
130	96.7	70.1	130.3

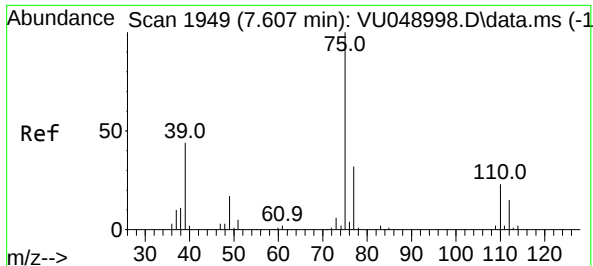


#37
1,2-Dichloropropane
Concen: 5.797 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049005.D
Acq: 10 Jun 2022 18:37

Tgt Ion: 63 Resp: 11818

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.833 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049005.D

Acq: 10 Jun 2022 18:37

Instrument :

MSVOA_U

ClientSampleId :

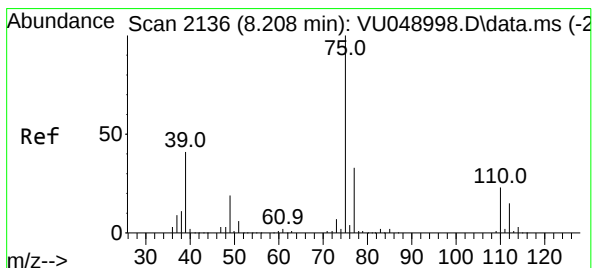
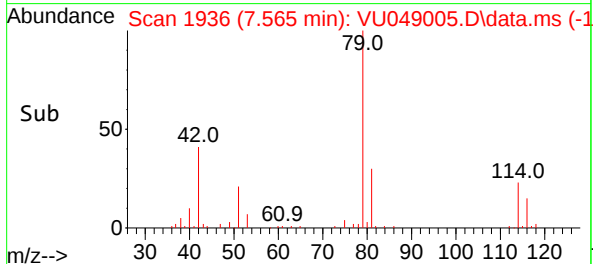
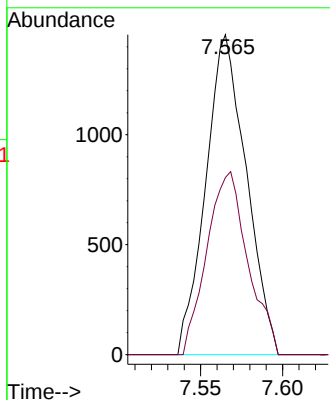
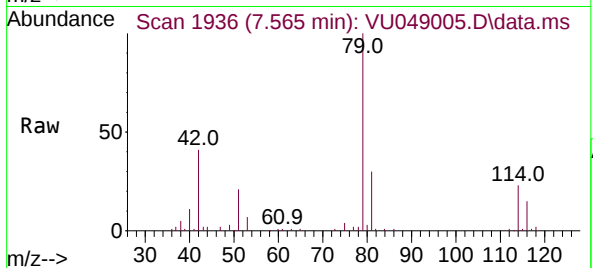
C0DF7

Tgt Ion: 75 Resp: 2498

Ion Ratio Lower Upper

75 100

77 55.3 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.696 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU049005.D

Acq: 10 Jun 2022 18:37

Tgt Ion: 75 Resp: 2066

Ion Ratio Lower Upper

75 100

77 37.6 21.9 40.7

