

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046417.D
 Acq On : 16 Dec 2021 13:45
 Operator : SY/MD
 Sample : PB141457TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:52:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

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

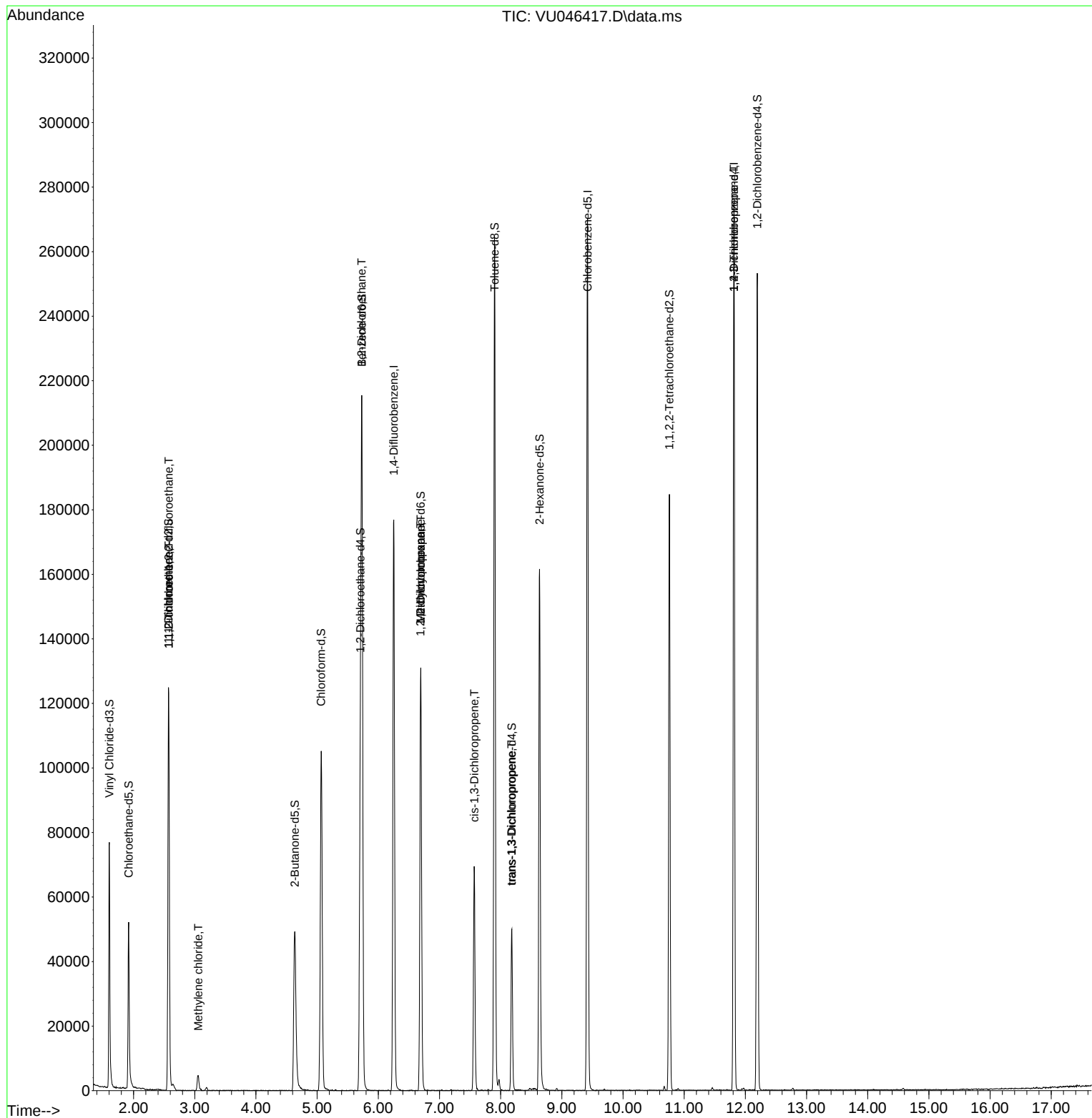
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	144842	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	148520	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71432	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60083	50.357	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.720%
7) Chloroethane-d5	1.919	69	42871	46.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.572	63	75467	35.234	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.460%
21) 2-Butanone-d5	4.636	46	77169	81.360	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.360%
24) Chloroform-d	5.067	84	99661	50.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.040%
26) 1,2-Dichloroethane-d4	5.706	65	65984	49.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.700%
32) Benzene-d6	5.732	84	198485	46.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.260%
36) 1,2-Dichloropropane-d6	6.694	67	62031	47.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.040%
41) Toluene-d8	7.899	98	172062	44.393	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.780%
43) trans-1,3-Dichloroprop...	8.182	79	29066	45.640	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.280%
47) 2-Hexanone-d5	8.636	63	58185	93.019	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	87845	43.907	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.820%
66) 1,2-Dichlorobenzene-d4	12.195	152	64224	46.686	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.380%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	551	0.523	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	521	0.520	ug/L #	1
16) Methylene chloride	3.057	84	2809	2.357	ug/L	99
27) 1,2-Dichloroethane	5.726	62	985	0.620	ug/L #	73
35) Methylcyclohexane	6.694	83	14787	8.053	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	7048	5.985	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1618	0.903	ug/L #	61
44) trans-1,3-Dichloropropene	8.179	75	1251	0.711	ug/L #	56
60) 1,2,3-Trichloropropane	11.812	75	8580	5.479	ug/L #	66

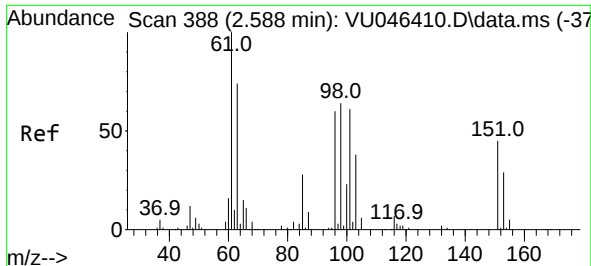
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
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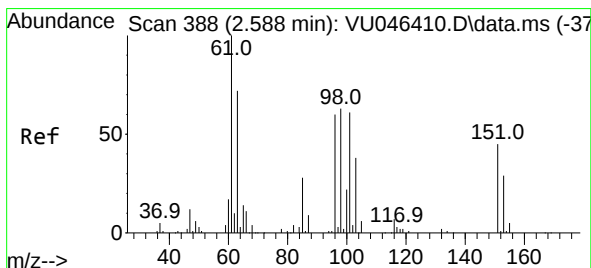
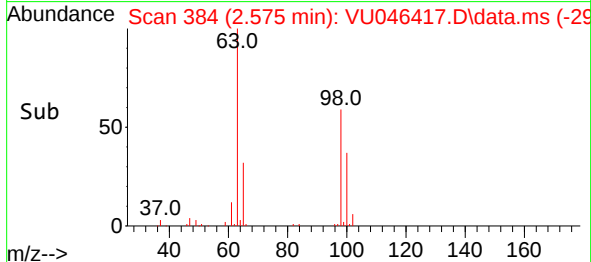
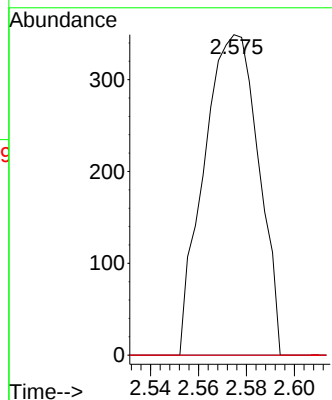
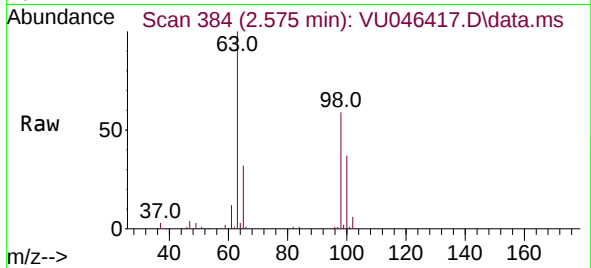




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.523 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046417.D
 Acq: 16 Dec 2021 13:45

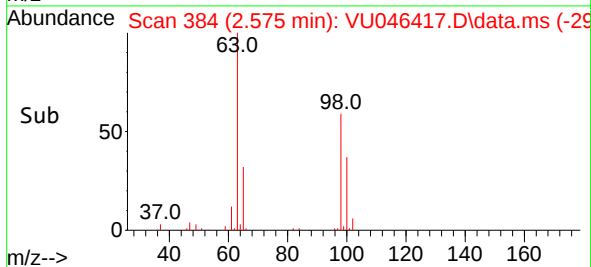
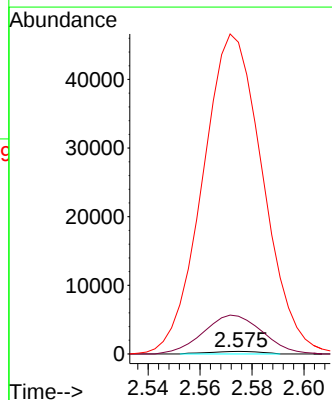
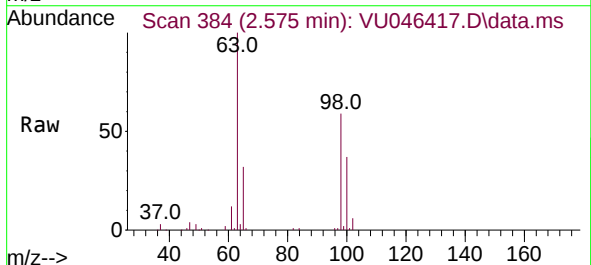
Instrument :
 MSVOA_U
 ClientSampleId :

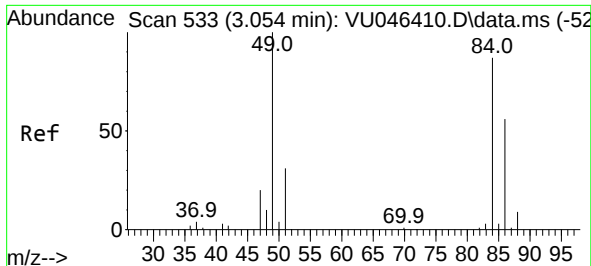
Tgt Ion:101 Resp: 551
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.520 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046417.D
 Acq: 16 Dec 2021 13:45

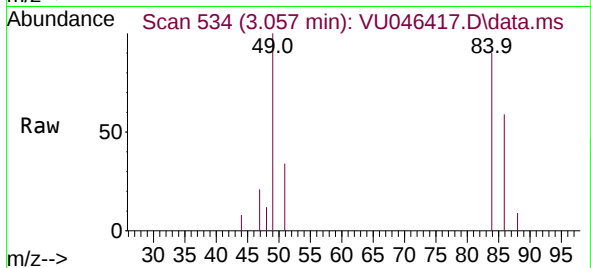
Tgt Ion: 96 Resp: 521
 Ion Ratio Lower Upper
 96 100
 61 1512.1 118.6 220.2#
 63 12476.9 93.0 172.8#



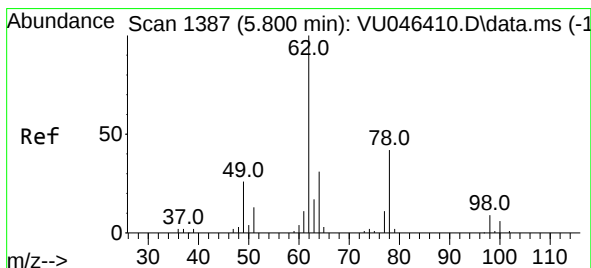
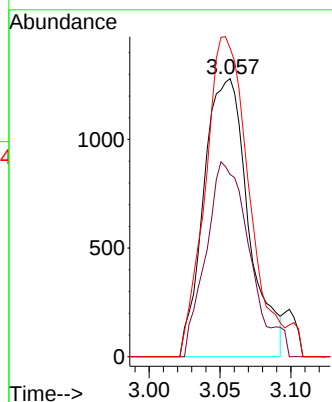
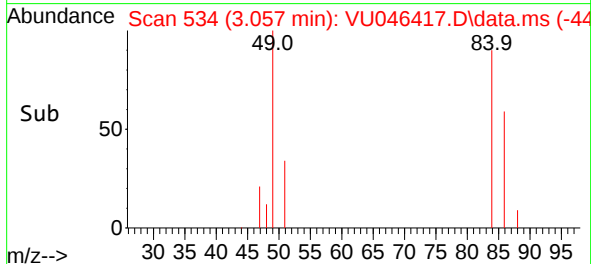


#16
Methylene chloride
Concen: 2.357 ug/L
RT: 3.057 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU046417.D
Acq: 16 Dec 2021 13:45

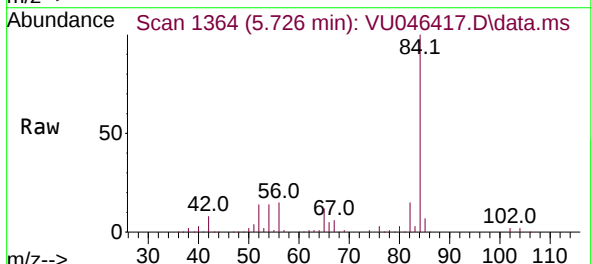
Instrument :
MSVOA_U
ClientSampleId :



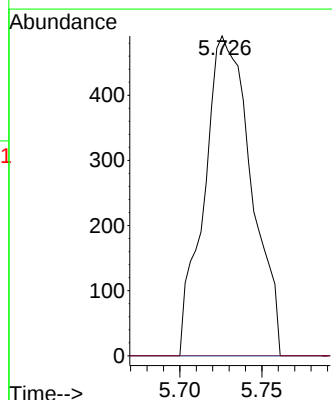
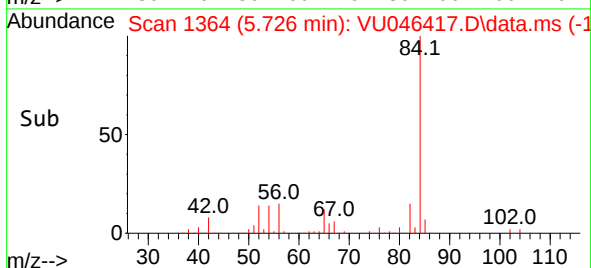
Tgt Ion: 84 Resp: 2809
Ion Ratio Lower Upper
84 100
86 65.5 44.7 83.1
49 110.9 78.4 145.6

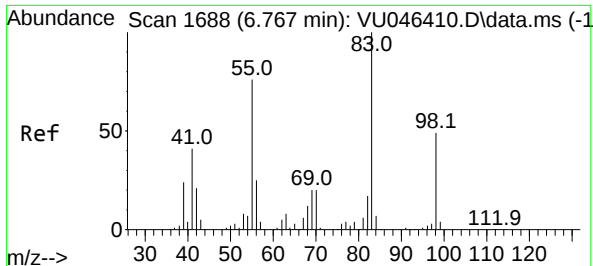


#27
1,2-Dichloroethane
Concen: 0.620 ug/L
RT: 5.726 min Scan# 1364
Delta R.T. -0.074 min
Lab File: VU046417.D
Acq: 16 Dec 2021 13:45



Tgt Ion: 62 Resp: 985
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#

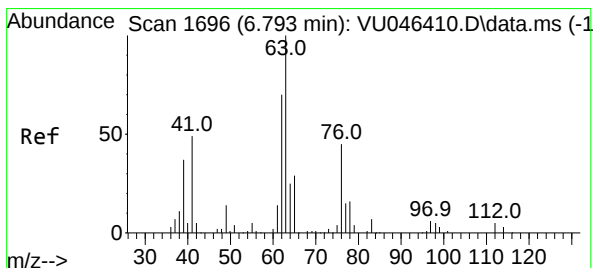
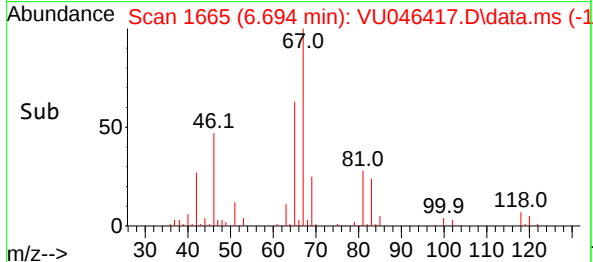
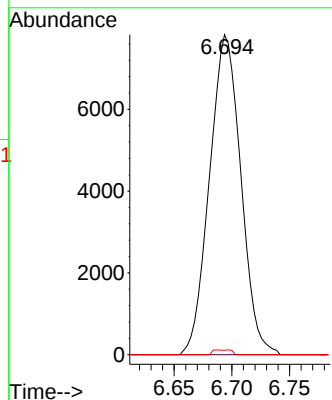
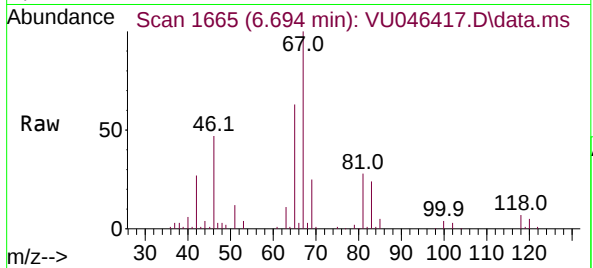




#35
Methylcyclohexane
Concen: 8.053 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046417.D
Acq: 16 Dec 2021 13:45

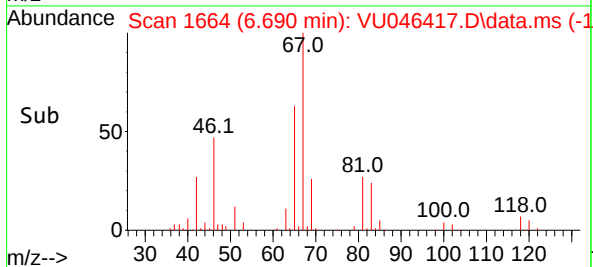
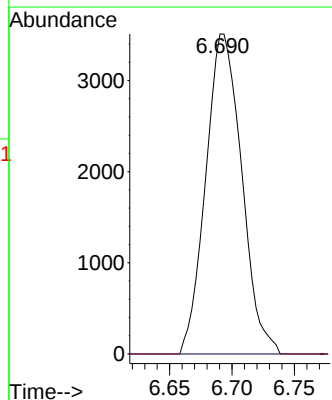
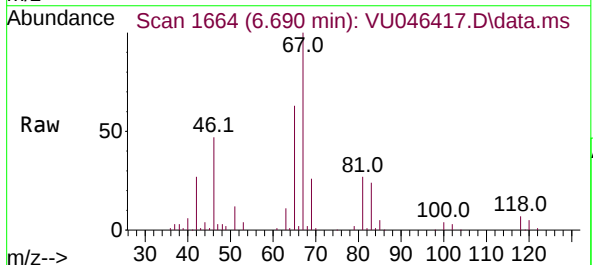
Instrument :
MSVOA_U
ClientSampleId :

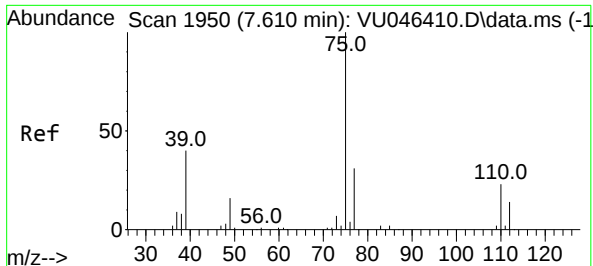
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.4	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 5.985 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU046417.D
Acq: 16 Dec 2021 13:45

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.903 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046417.D

Acq: 16 Dec 2021 13:45

Instrument :

MSVOA_U

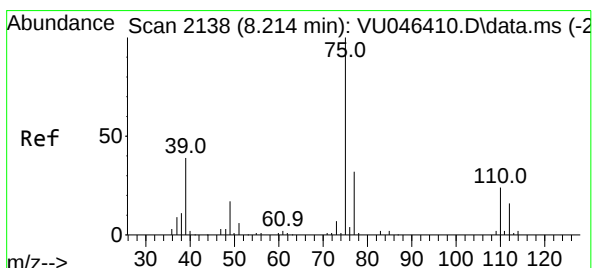
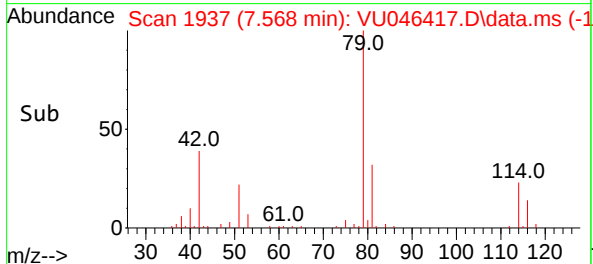
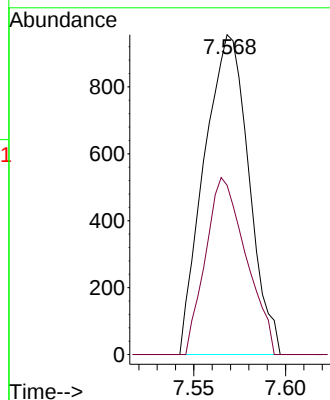
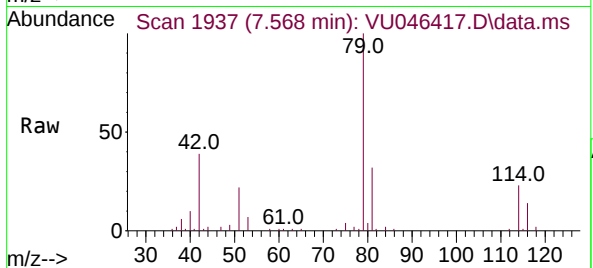
ClientSampleId :

Tgt Ion: 75 Resp: 1618

Ion Ratio Lower Upper

75 100

77 52.9 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.711 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046417.D

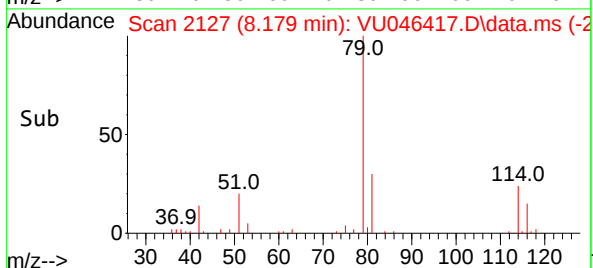
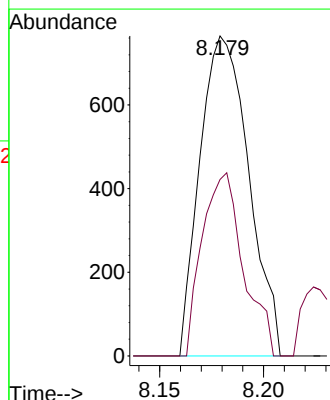
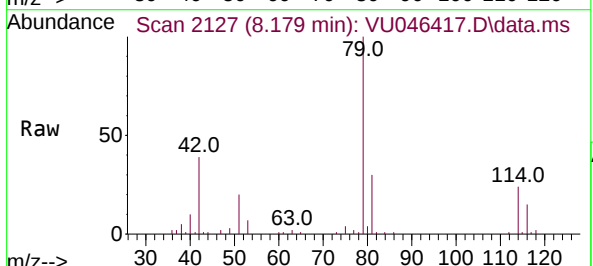
Acq: 16 Dec 2021 13:45

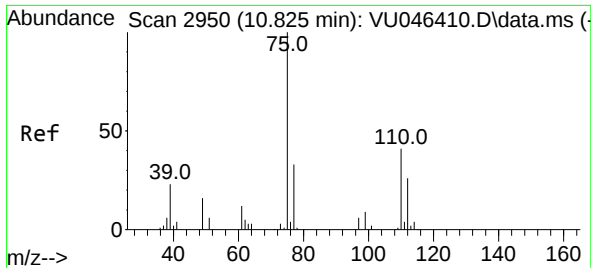
Tgt Ion: 75 Resp: 1251

Ion Ratio Lower Upper

75 100

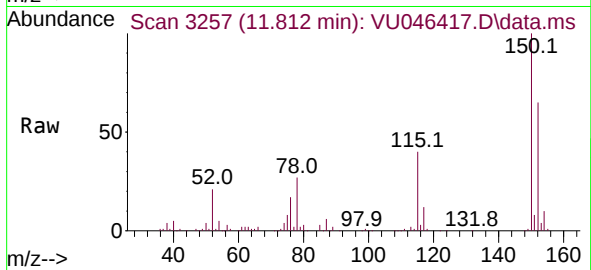
77 55.2 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.479 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046417.D
 Acq: 16 Dec 2021 13:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8580
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.4 39.6
 110 2.8 32.4 48.6#

