

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046376.D
 Acq On : 14 Dec 2021 22:54
 Operator : SY/MD
 Sample : M5037-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00V7

Quant Time: Dec 15 03:46:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

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

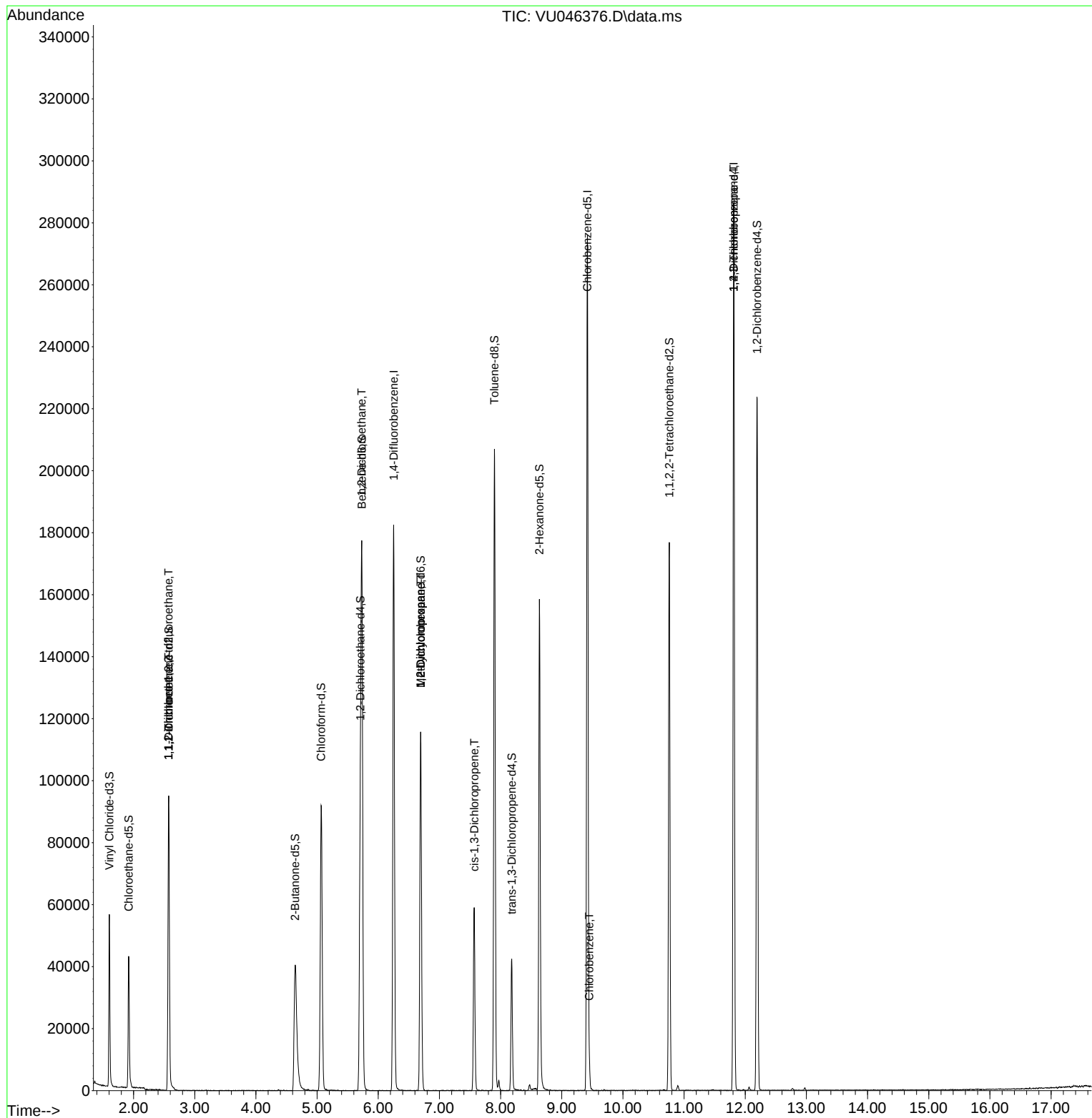
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	146374	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	152567	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72515	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	41227	34.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.380%
7) Chloroethane-d5	1.919	69	34008	36.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.460%
11) 1,1-Dichloroethene-d2	2.575	63	57216	26.433	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.860%#
21) 2-Butanone-d5	4.642	46	79415	82.852	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.850%
24) Chloroform-d	5.066	84	87363	43.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.780%
26) 1,2-Dichloroethane-d4	5.706	65	59262	43.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.720%
32) Benzene-d6	5.732	84	164910	37.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.420%
36) 1,2-Dichloropropane-d6	6.693	67	53361	39.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.740%
41) Toluene-d8	7.899	98	137404	34.511	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.020%#
43) trans-1,3-Dichloroprop...	8.182	79	24647	37.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.340%
47) 2-Hexanone-d5	8.635	63	56297	87.614	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.610%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85011	41.363	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	57449	41.138	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.280%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	466	0.438	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	349	0.345	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	855	0.533	ug/L #	73
35) Methylcyclohexane	6.693	83	13105	6.948	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5807	4.801	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1497	0.814	ug/L #	79
51) Chlorobenzene	9.449	112	3909	1.219	ug/L	97
60) 1,2,3-Trichloropropane	11.812	75	8730	5.492	ug/L #	66

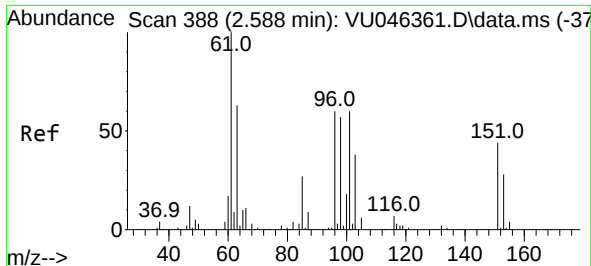
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
Data File : VU046376.D
Acq On : 14 Dec 2021 22:54
Operator : SY/MD
Sample : M5037-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C00V7

Quant Time: Dec 15 03:46:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 15 03:40:56 2021
Response via : Initial Calibration

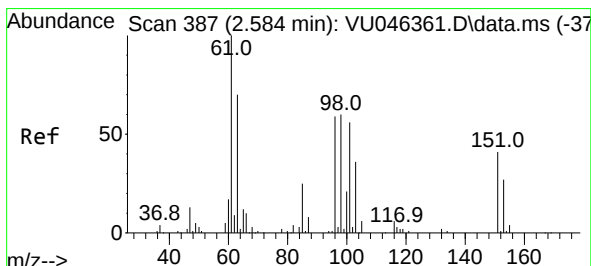
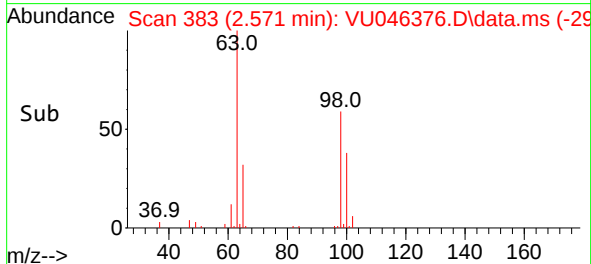
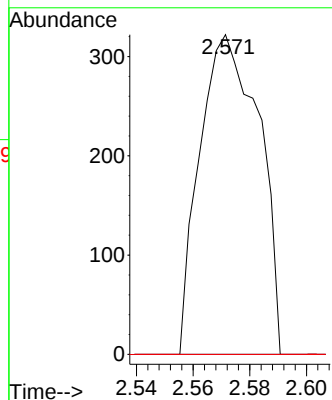
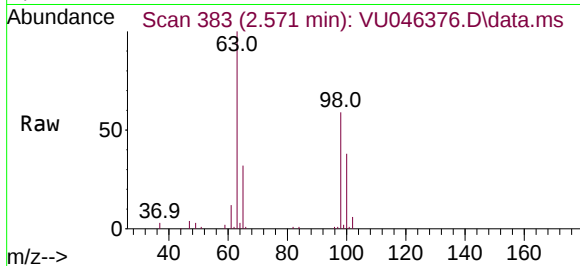




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.438 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046376.D
 Acq: 14 Dec 2021 22:54

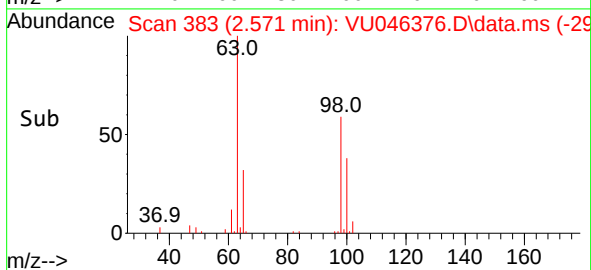
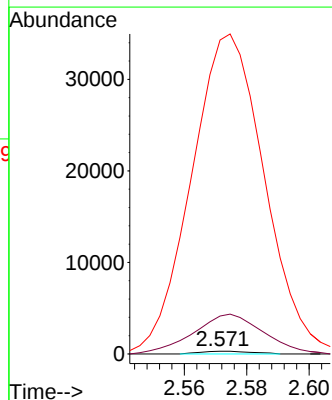
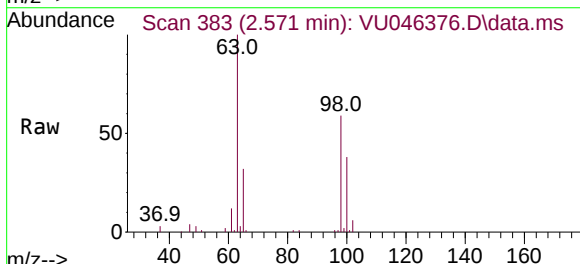
Instrument :
 MSVOA_U
 ClientSampleId :
 C00V7

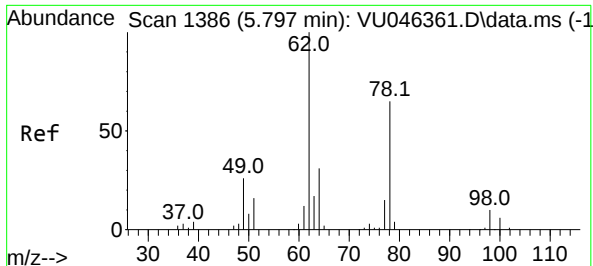
Tgt Ion:101 Resp: 466
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.345 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046376.D
 Acq: 14 Dec 2021 22:54

Tgt Ion: 96 Resp: 349
 Ion Ratio Lower Upper
 96 100
 61 1365.1 118.6 220.2#
 63 11278.9 93.0 172.8#

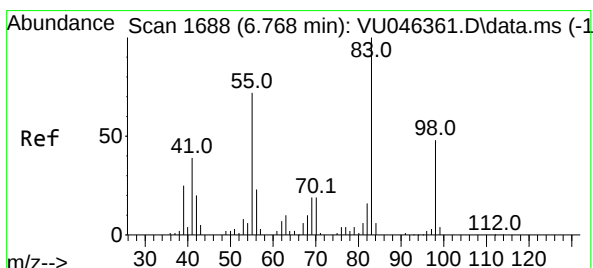
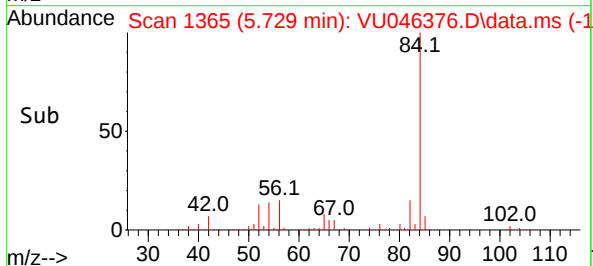
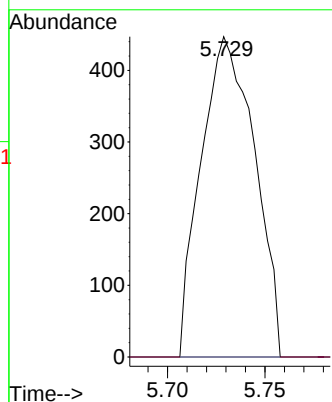
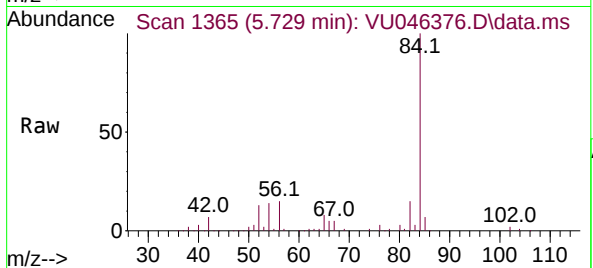




#27
1,2-Dichloroethane
Concen: 0.533 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU046376.D
Acq: 14 Dec 2021 22:54

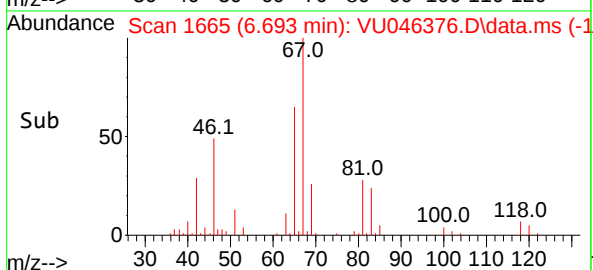
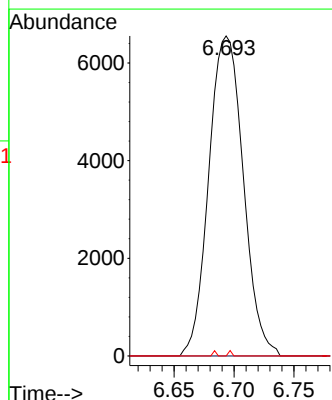
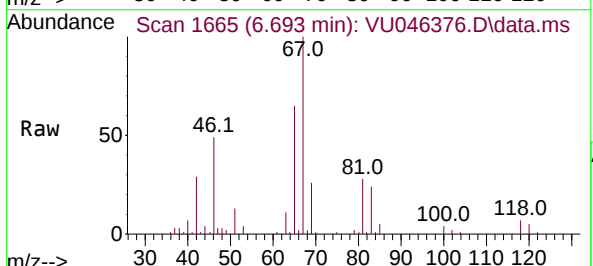
Instrument :
MSVOA_U
ClientSampleId :
C00V7

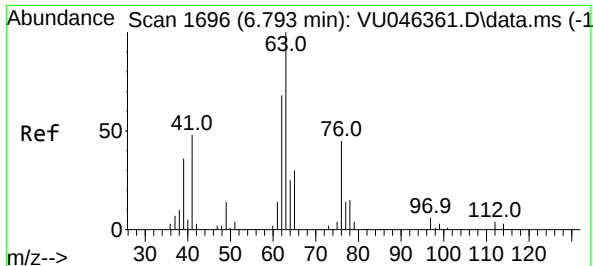
Tgt Ion: 62 Resp: 855
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 6.948 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046376.D
Acq: 14 Dec 2021 22:54

Tgt Ion: 83 Resp: 13105
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 4.801 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046376.D

Acq: 14 Dec 2021 22:54

Instrument :

MSVOA_U

ClientSampleId :

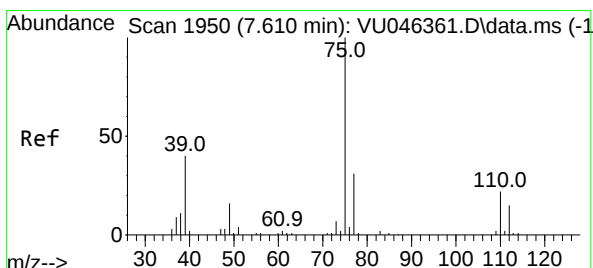
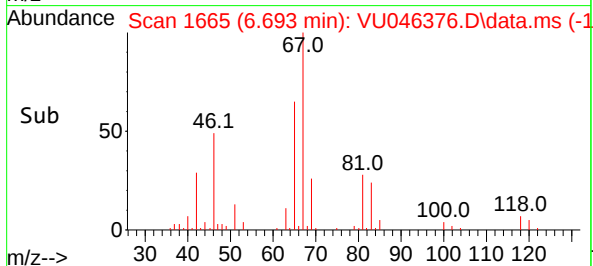
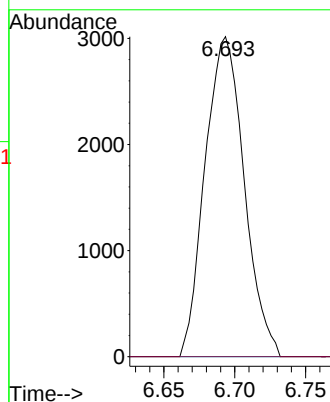
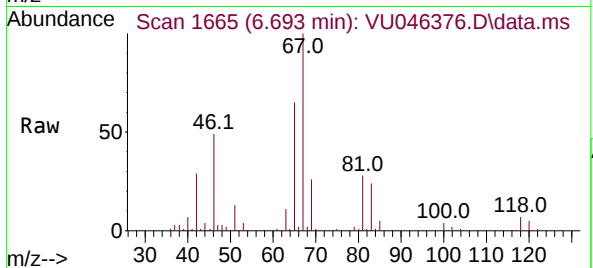
C00V7

Tgt Ion: 63 Resp: 5807

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.814 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046376.D

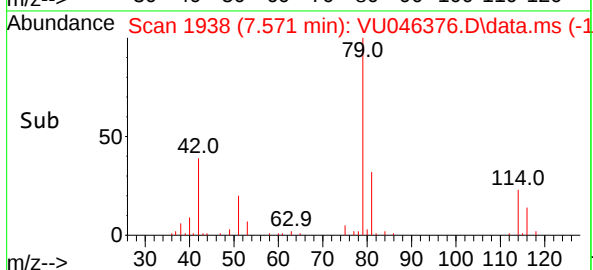
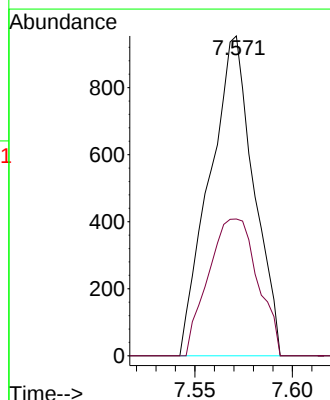
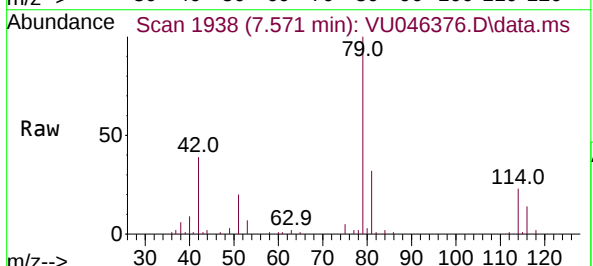
Acq: 14 Dec 2021 22:54

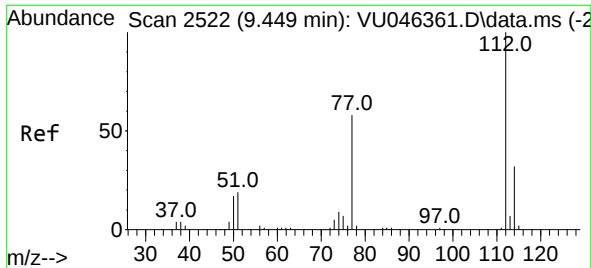
Tgt Ion: 75 Resp: 1497

Ion Ratio Lower Upper

75 100

77 42.8 21.8 40.6#

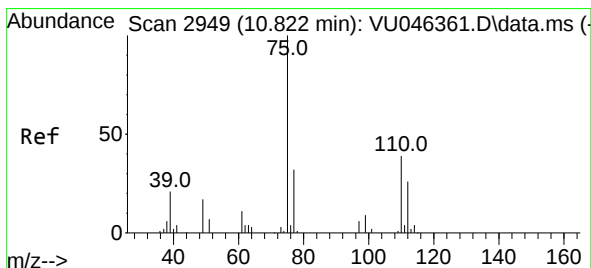
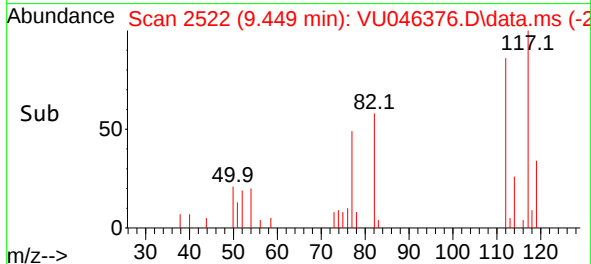
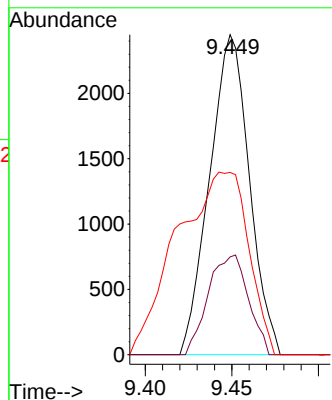
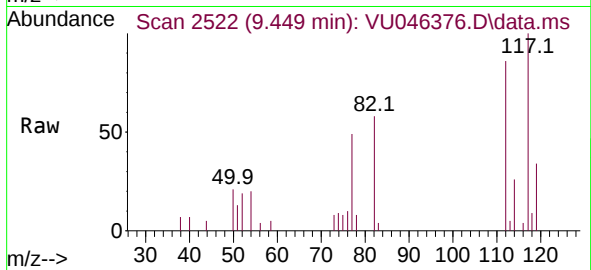




#51
Chlorobenzene
Concen: 1.219 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046376.D
Acq: 14 Dec 2021 22:54

Instrument :
MSVOA_U
ClientSampleId :
C00V7

Tgt Ion:	112	Resp:	3909
Ion Ratio	Lower	Upper	
112	100		
114	30.5	22.2	41.2
77	57.0	47.4	71.0



#60
1,2,3-Trichloropropane
Concen: 5.492 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU046376.D
Acq: 14 Dec 2021 22:54

Tgt Ion:	75	Resp:	8730
Ion Ratio	Lower	Upper	
75	100		
77	33.3	26.4	39.6
110	2.4	32.4	48.6

