

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046249.D
 Acq On : 10 Dec 2021 02:32
 Operator : SY/MD
 Sample : M4982-14
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:26:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

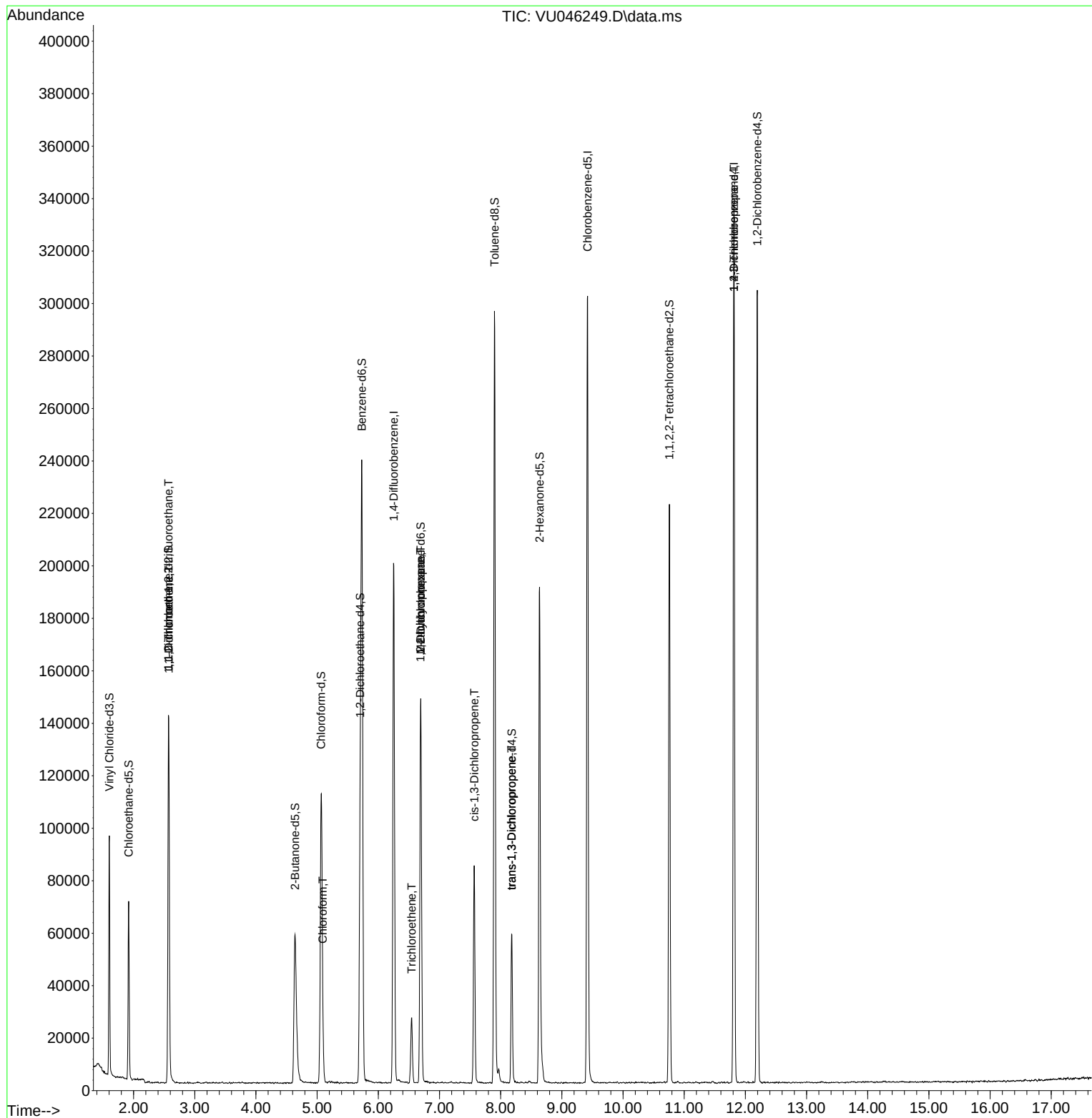
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	164005	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	173293	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87584	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61790	45.737	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.480%		
7) Chloroethane-d5	1.919	69	48124	46.394	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.780%		
11) 1,1-Dichloroethene-d2	2.572	63	82055	33.833	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.660%		
21) 2-Butanone-d5	4.639	46	100099	93.205	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.200%		
24) Chloroform-d	5.067	84	102938	45.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.260%		
26) 1,2-Dichloroethane-d4	5.703	65	73973	48.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.720%		
32) Benzene-d6	5.732	84	225759	45.453	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.900%		
36) 1,2-Dichloropropane-d6	6.694	67	70659	45.903	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.800%		
41) Toluene-d8	7.899	98	200646	44.368	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.740%		
43) trans-1,3-Dichloroprop...	8.182	79	33254	44.751	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.500%		
47) 2-Hexanone-d5	8.636	63	68041	93.226	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.230%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	109309	46.824	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.640%		
66) 1,2-Dichlorobenzene-d4	12.195	152	80852	47.935	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.860%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	713	0.597	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	1075	0.948	ug/L #	1
25) Chloroform	5.092	83	10468	4.318	ug/L	96
34) Trichloroethene	6.546	95	7556	5.468	ug/L	97
35) Methylcyclohexane	6.694	83	17241	8.047	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	7533	5.483	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1946	0.931	ug/L #	78
44) trans-1,3-Dichloropropene	8.179	75	1360	0.662	ug/L #	80
60) 1,2,3-Trichloropropane	11.812	75	10397	5.415	ug/L #	66

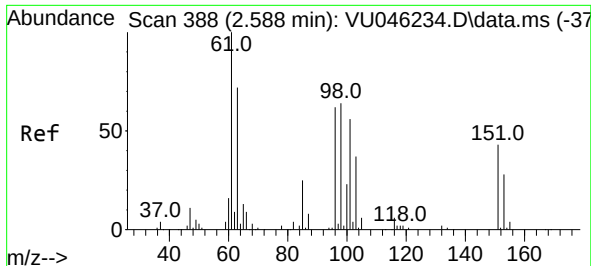
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

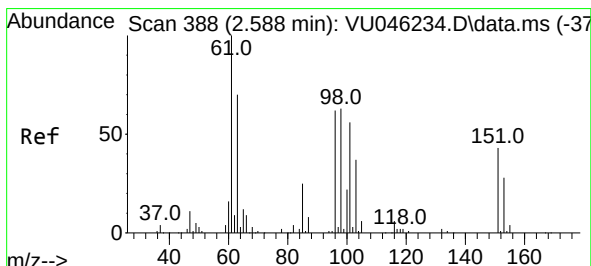
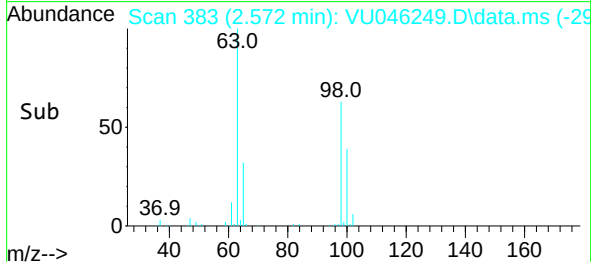
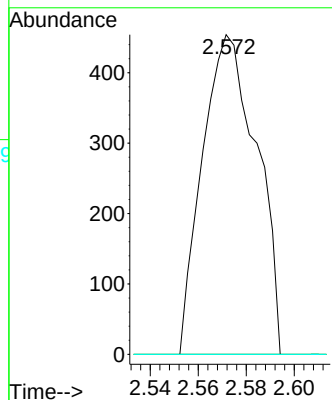
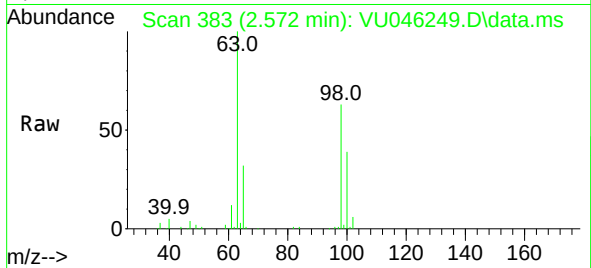




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.597 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046249.D
Acq: 10 Dec 2021 02:32

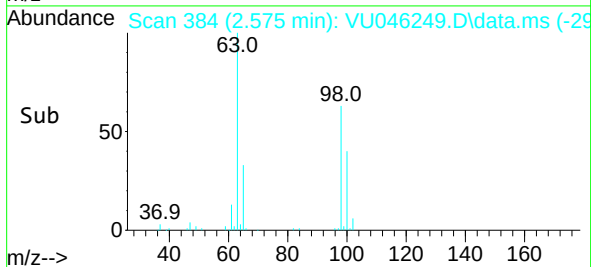
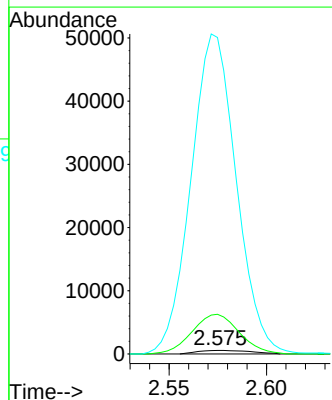
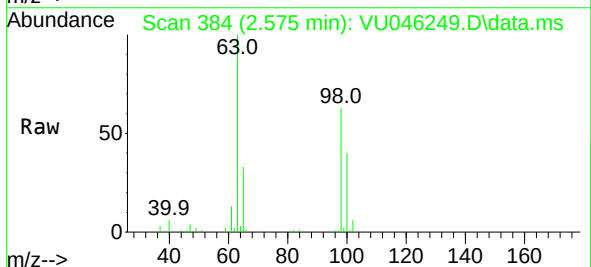
Instrument :
MSVOA_U
ClientSampleId :

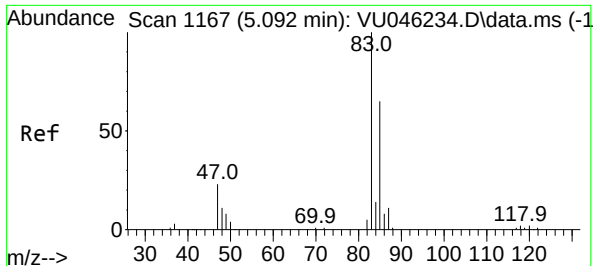
Tgt Ion:101 Resp: 713
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.948 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU046249.D
Acq: 10 Dec 2021 02:32

Tgt Ion: 96 Resp: 1075
Ion Ratio Lower Upper
96 100
61 1117.1 118.6 220.2#
63 8906.8 93.0 172.8#





#25

Chloroform

Concen: 4.318 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046249.D

Acq: 10 Dec 2021 02:32

Instrument :

MSVOA_U

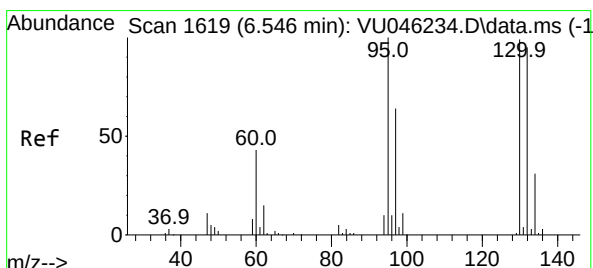
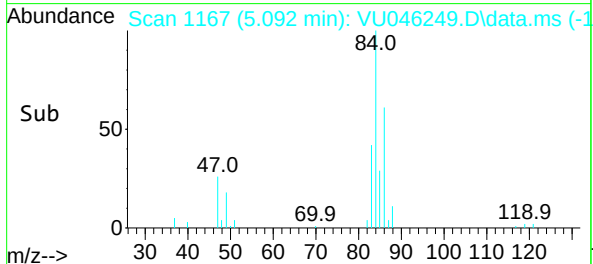
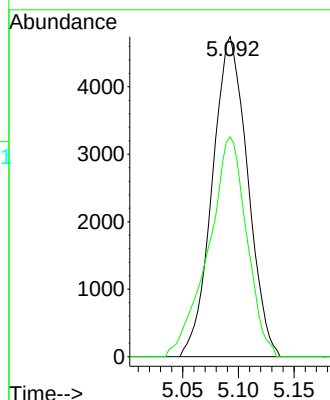
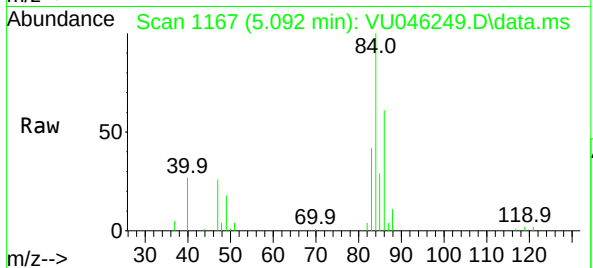
ClientSampleId :

Tgt Ion: 83 Resp: 10468

Ion Ratio Lower Upper

83 100

85 68.7 45.8 85.2



#34

Trichloroethene

Concen: 5.468 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU046249.D

Acq: 10 Dec 2021 02:32

Tgt Ion: 95 Resp: 7556

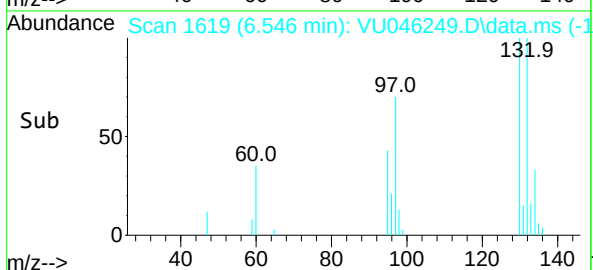
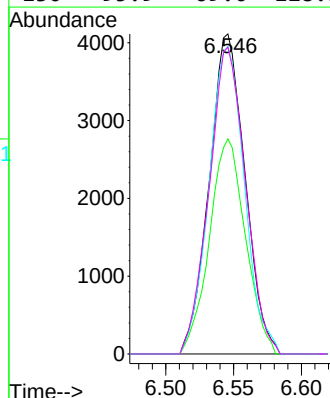
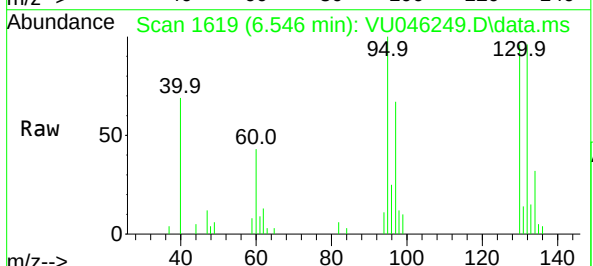
Ion Ratio Lower Upper

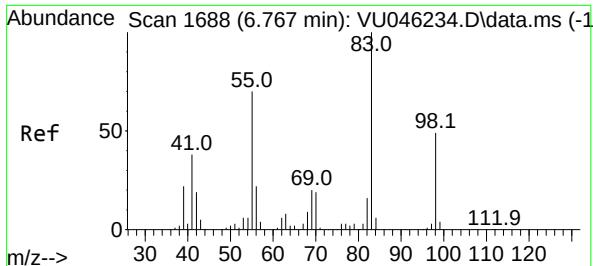
95 100

97 67.2 44.1 81.9

132 96.1 66.8 124.0

130 95.9 69.0 128.1





#35

Methylcyclohexane

Concen: 8.047 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046249.D

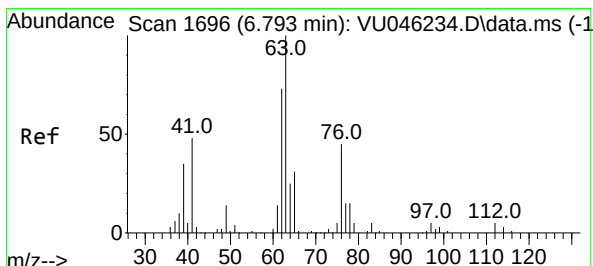
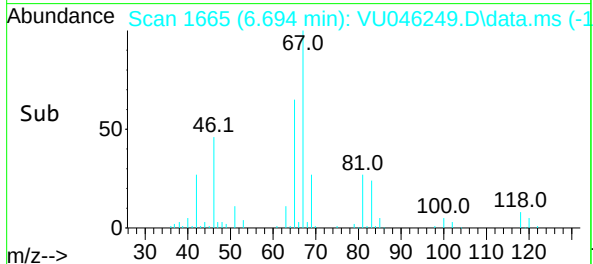
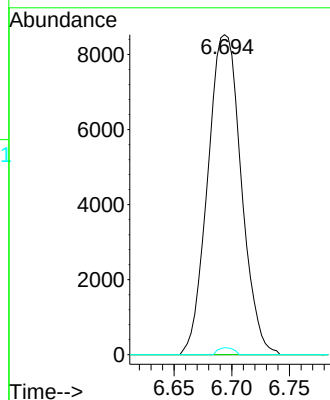
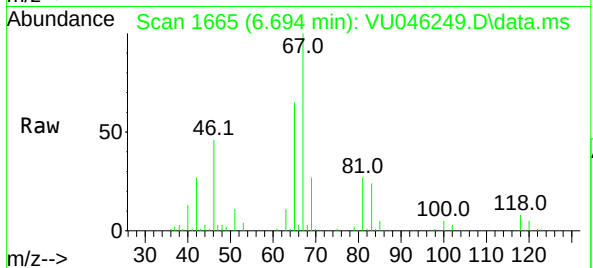
Acq: 10 Dec 2021 02:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 17241
Ion Ratio	Lower Upper
83 100	
55 0.0	57.8 86.6#
98 1.0	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 5.483 ug/L

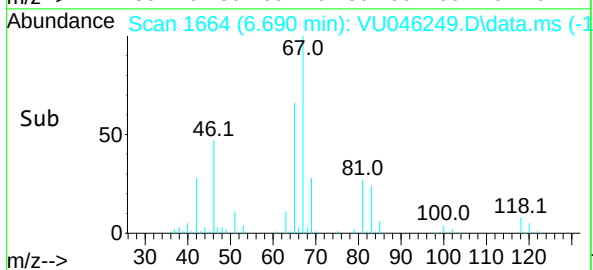
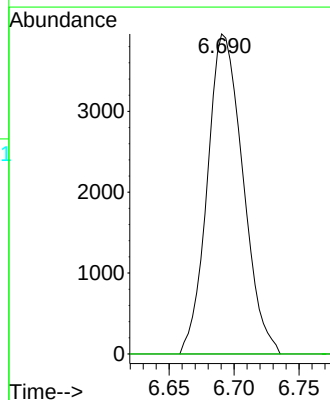
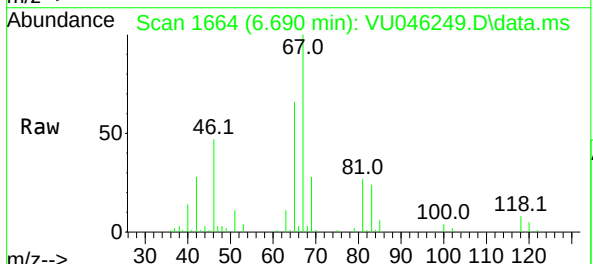
RT: 6.690 min Scan# 1664

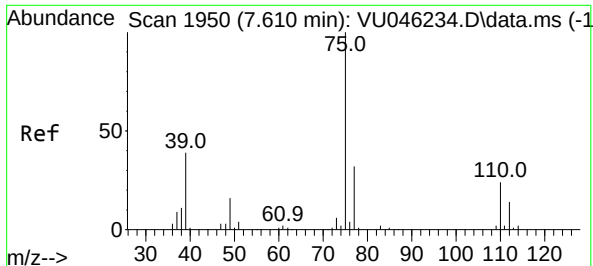
Delta R.T. -0.103 min

Lab File: VU046249.D

Acq: 10 Dec 2021 02:32

Tgt Ion: 63	Resp: 7533
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.931 ug/L

RT: 7.568 min Scan# 1946

Delta R.T. -0.042 min

Lab File: VU046249.D

Acq: 10 Dec 2021 02:32

Instrument :

MSVOA_U

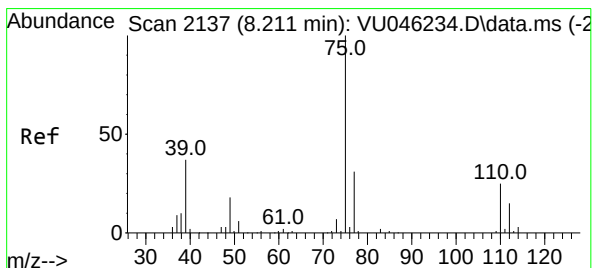
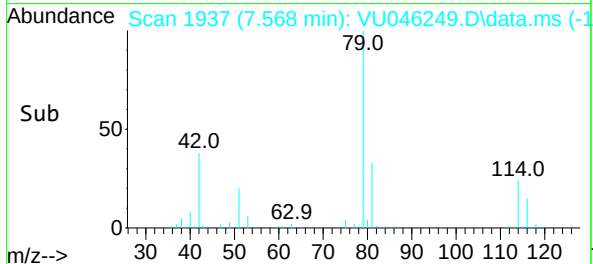
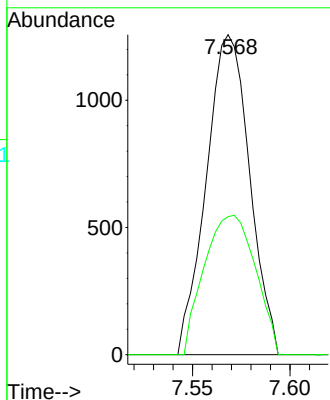
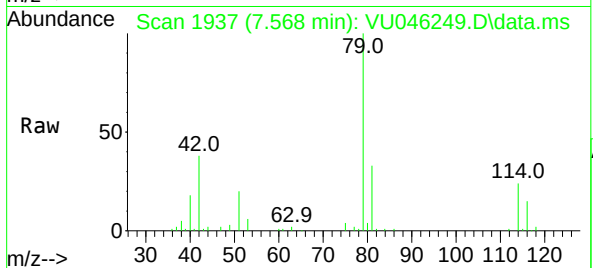
ClientSampleId :

Tgt Ion: 75 Resp: 1946

Ion Ratio Lower Upper

75 100

77 43.2 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.662 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046249.D

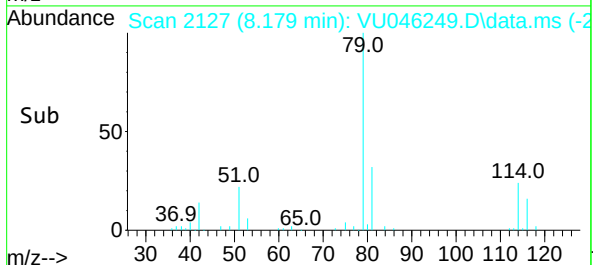
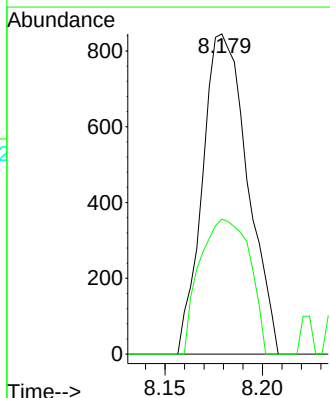
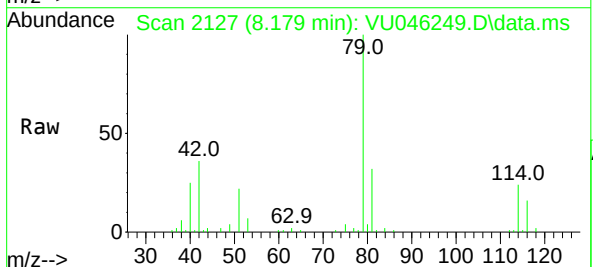
Acq: 10 Dec 2021 02:32

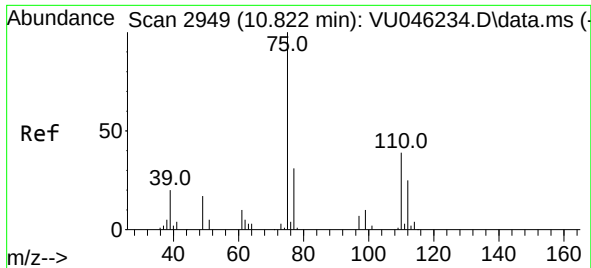
Tgt Ion: 75 Resp: 1360

Ion Ratio Lower Upper

75 100

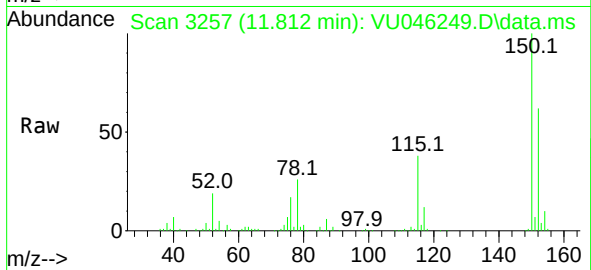
77 42.1 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.415 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046249.D
 Acq: 10 Dec 2021 02:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10397
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.4 39.6
 110 2.6 32.4 48.6#

