

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011122\
 Data File : VU046722.D
 Acq On : 11 Jan 2022 12:26
 Operator : SY/MD
 Sample : VU0111MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 12 04:50:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 12 04:49:52 2022
 Response via : Initial Calibration

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

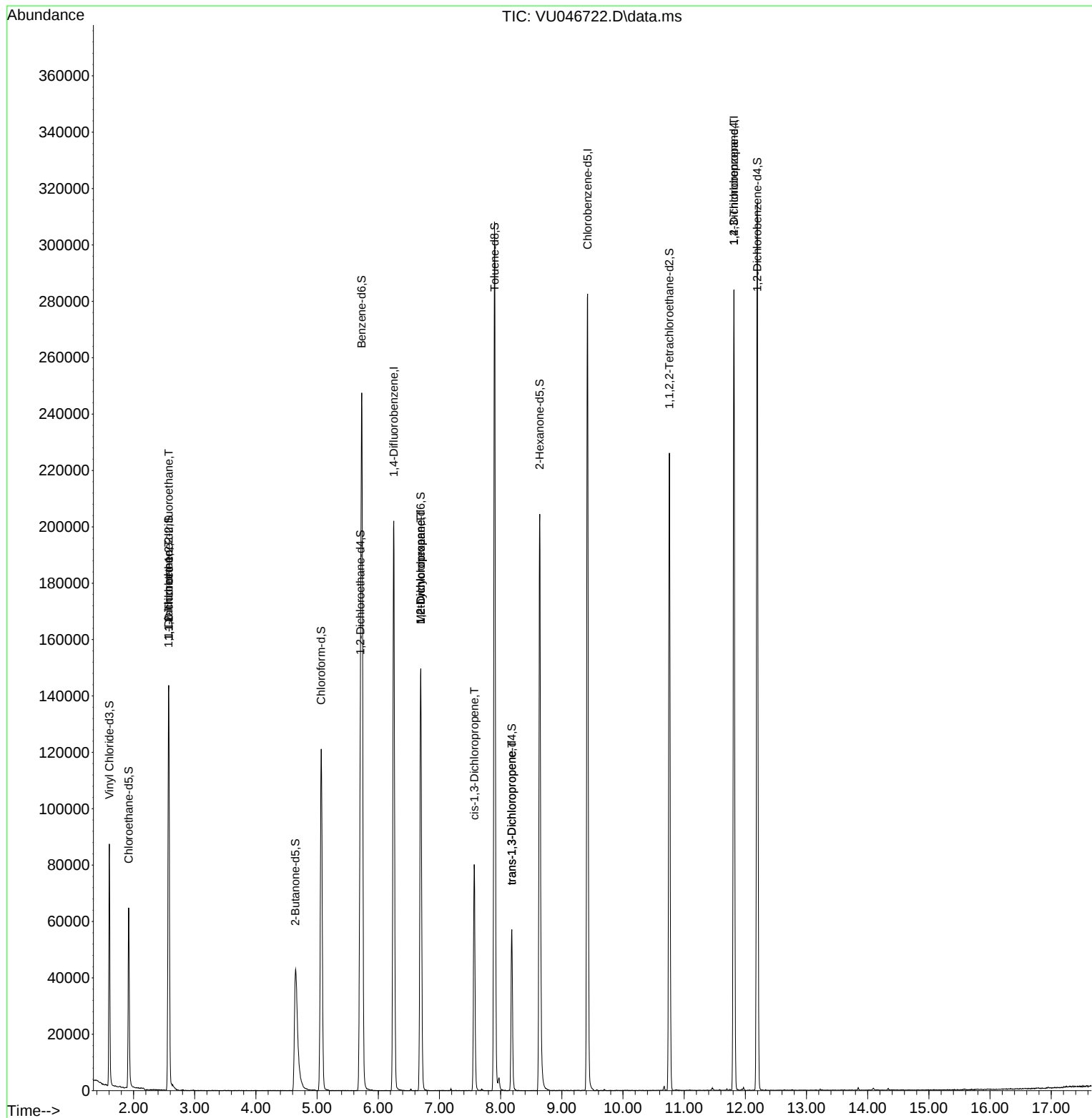
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	167245	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	162588	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	76395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	63377	43.426	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.860%
7) Chloroethane-d5	1.919	69	50224	46.325	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.640%
11) 1,1-Dichloroethene-d2	2.575	63	86606	34.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.780%
21) 2-Butanone-d5	4.646	46	98888	92.580	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.580%
24) Chloroform-d	5.067	84	116418	45.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.500%
26) 1,2-Dichloroethane-d4	5.707	65	75389	46.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.400%
32) Benzene-d6	5.729	84	237254	46.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.520%
36) 1,2-Dichloropropane-d6	6.694	67	70830	45.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.500%
41) Toluene-d8	7.899	98	207077	45.652	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.300%
43) trans-1,3-Dichloroprop...	8.182	79	34386	46.102	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.200%
47) 2-Hexanone-d5	8.639	63	80109	97.401	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	109861	45.819	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.640%
66) 1,2-Dichlorobenzene-d4	12.195	152	83725	52.964	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.920%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	888	0.755	ug/L #	20
12) 1,1-Dichloroethene	2.572	96	681	0.615	ug/L #	1
35) Methylcyclohexane	6.694	83	17464	8.866	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	7622	6.159	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2126	1.116	ug/L #	67
44) trans-1,3-Dichloropropene	8.182	75	1378	0.746	ug/L #	79
60) 1,2,3-Trichloropropane	11.813	75	9318	5.796	ug/L #	63

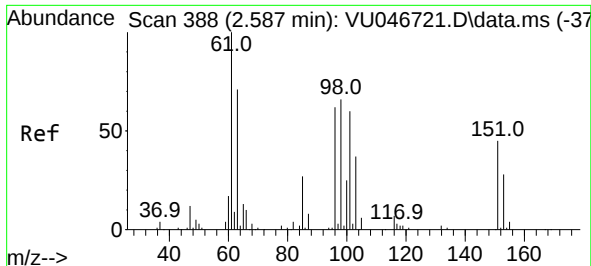
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 12 04:50:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 12 04:49:52 2022
Response via : Initial Calibration

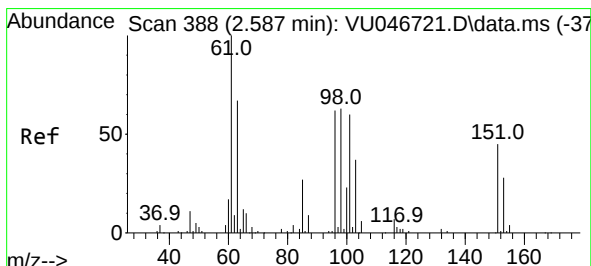
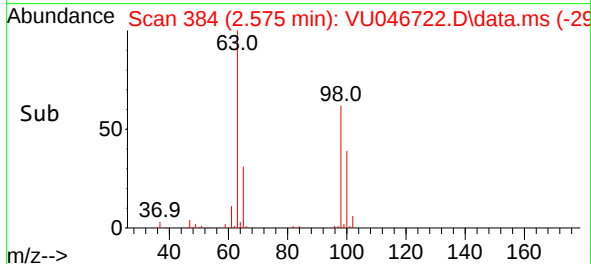
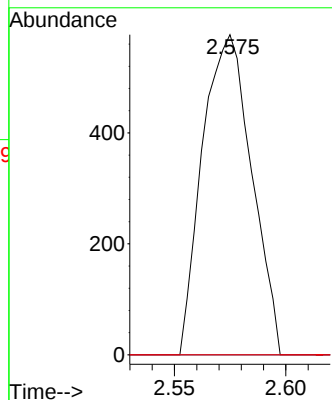
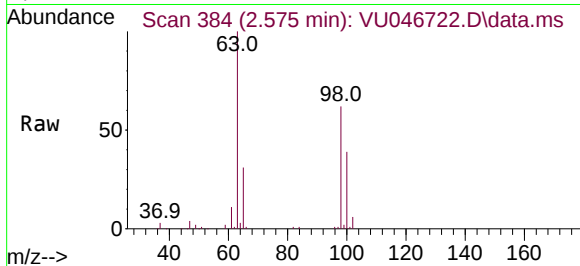




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.755 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046722.D
 Acq: 11 Jan 2022 12:26

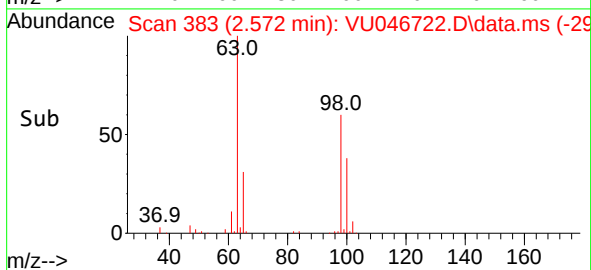
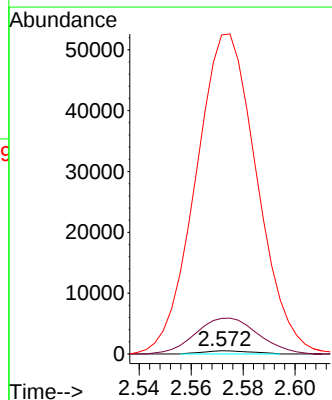
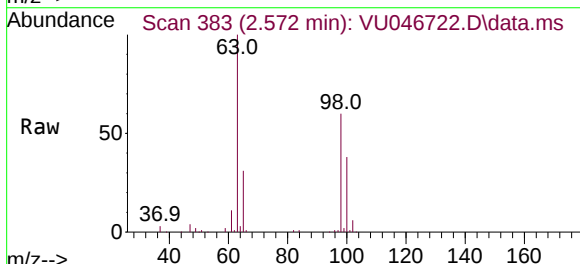
Instrument :
 MSVOA_U
 ClientSampleId :

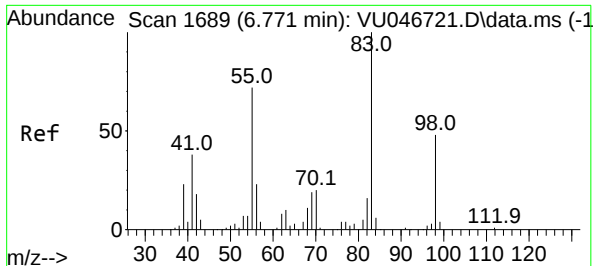
Tgt Ion:101 Resp: 888
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 0.615 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046722.D
 Acq: 11 Jan 2022 12:26

Tgt Ion: 96 Resp: 681
 Ion Ratio Lower Upper
 96 100
 61 1120.9 114.9 213.3#
 63 10049.0 86.0 159.8#





#35

Methylcyclohexane

Concen: 8.866 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.077 min

Lab File: VU046722.D

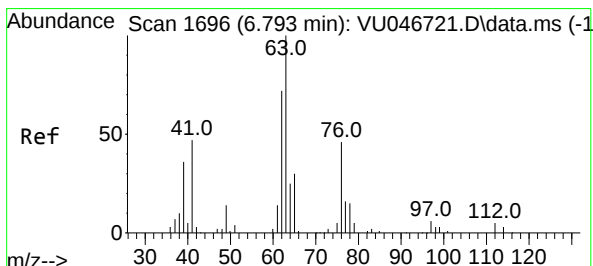
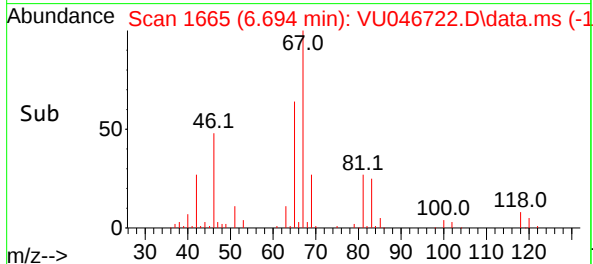
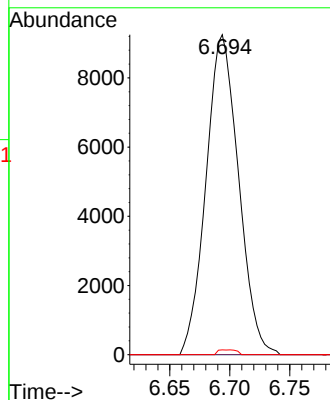
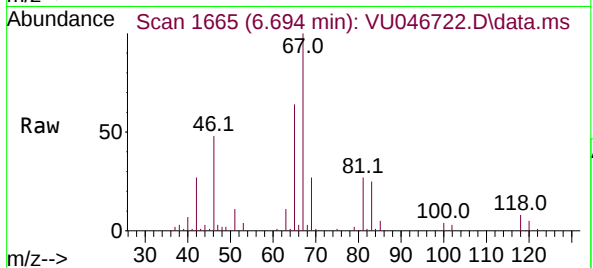
Acq: 11 Jan 2022 12:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 17464
Ion Ratio	Lower Upper
83 100	
55 0.0	56.6 85.0#
98 0.4	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 6.159 ug/L

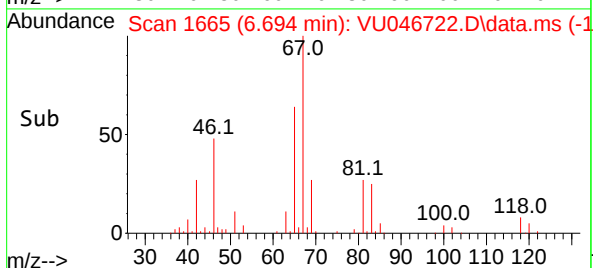
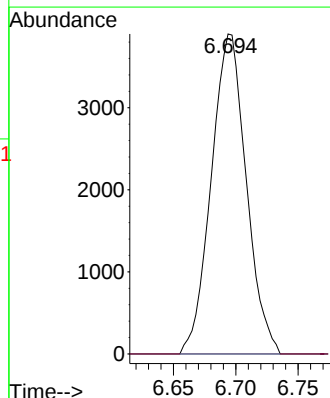
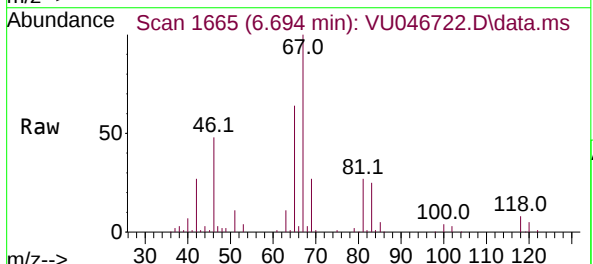
RT: 6.694 min Scan# 1665

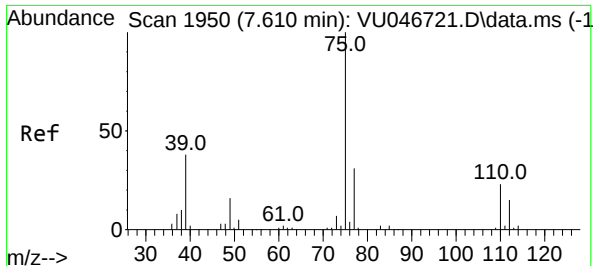
Delta R.T. -0.099 min

Lab File: VU046722.D

Acq: 11 Jan 2022 12:26

Tgt Ion: 63	Resp: 7622
Ion Ratio	Lower Upper
63 100	
112 0.0	3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 1.116 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.041 min

Lab File: VU046722.D

Acq: 11 Jan 2022 12:26

Instrument :

MSVOA_U

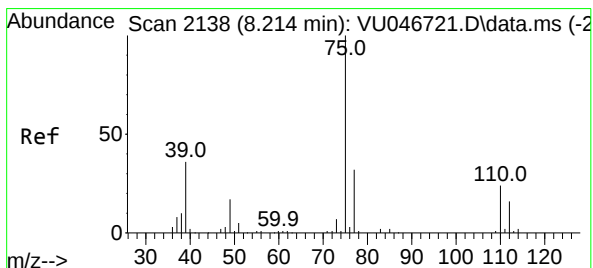
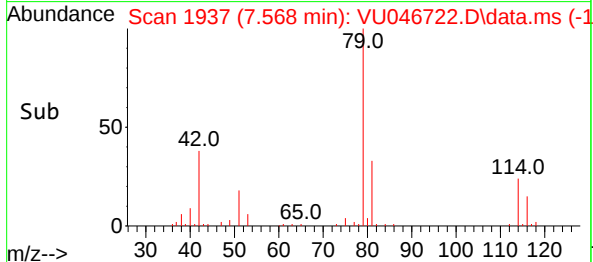
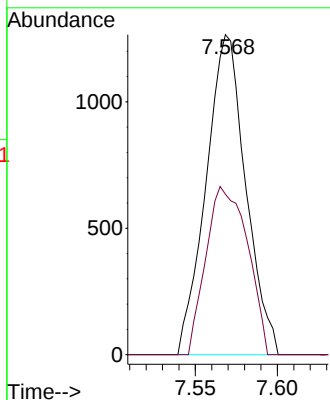
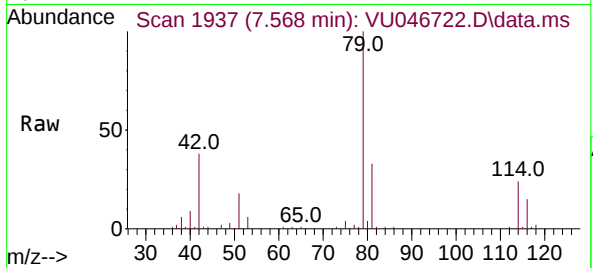
ClientSampleId :

Tgt Ion: 75 Resp: 2126

Ion Ratio Lower Upper

75 100

77 50.2 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046722.D

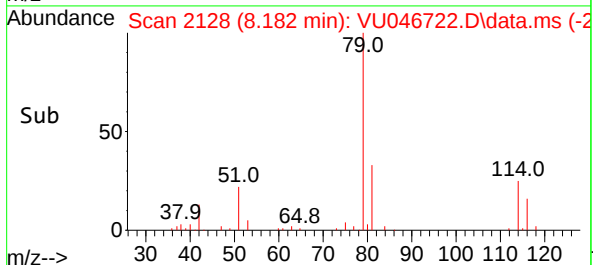
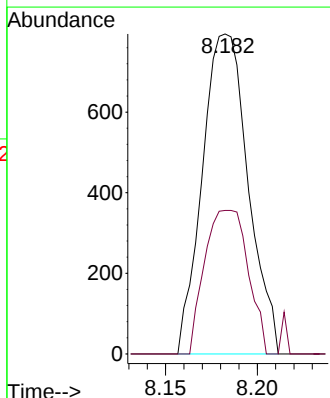
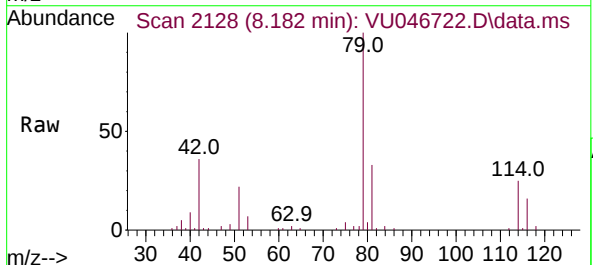
Acq: 11 Jan 2022 12:26

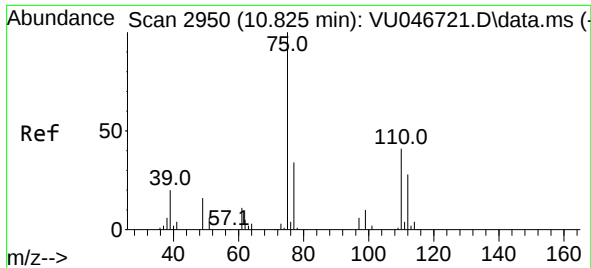
Tgt Ion: 75 Resp: 1378

Ion Ratio Lower Upper

75 100

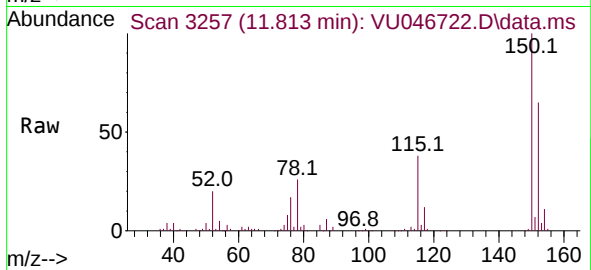
77 44.8 23.0 42.8#





#60
 1,2,3-Trichloropropane
 Concen: 5.796 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046722.D
 Acq: 11 Jan 2022 12:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9318
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.2 39.2
 110 1.1 32.5 48.7#

