

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046415.D
 Acq On : 16 Dec 2021 13:00
 Operator : SY/MD
 Sample : M4997-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

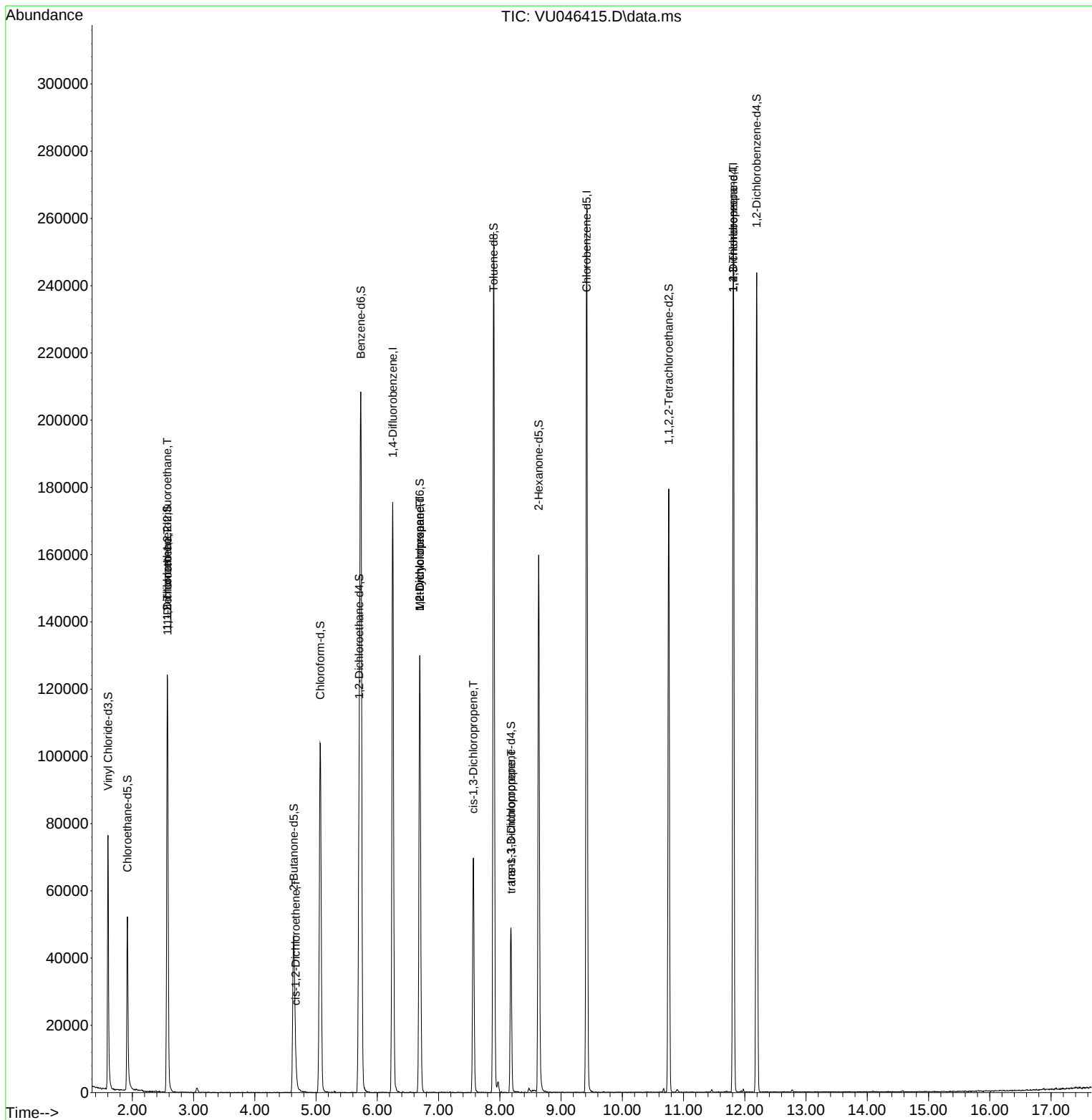
Quant Time: Dec 17 01:51:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

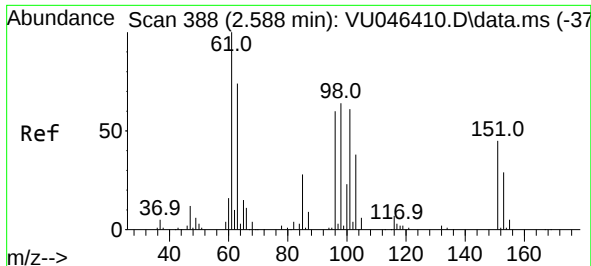
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	142278	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	143439	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70001	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59595	50.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.700%
7) Chloroethane-d5	1.919	69	42501	47.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.460%
11) 1,1-Dichloroethene-d2	2.571	63	75336	35.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.620%
21) 2-Butanone-d5	4.636	46	76549	82.161	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.160%
24) Chloroform-d	5.070	84	98826	50.494	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.980%
26) 1,2-Dichloroethane-d4	5.703	65	65491	49.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
32) Benzene-d6	5.732	84	196067	47.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.380%
36) 1,2-Dichloropropane-d6	6.694	67	60528	47.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.020%
41) Toluene-d8	7.899	98	168983	45.143	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.280%
43) trans-1,3-Dichloroprop...	8.182	79	28121	45.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.440%
47) 2-Hexanone-d5	8.636	63	57804	95.684	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	86621	44.828	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	63457	47.072	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.140%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	573	0.553	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	543	0.552	ug/L #	1
20) cis-1,2-Dichloroethene	4.668	96	679	0.601	ug/L	80
35) Methylcyclohexane	6.694	83	14717	8.299	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	7039	6.190	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1803	1.042	ug/L #	70
44) trans-1,3-Dichloropropene	8.185	75	1326	0.780	ug/L	91
60) 1,2,3-Trichloropropane	11.812	75	8673	5.652	ug/L #	64

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

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QLast Update : Fri Dec 17 01:49:40 2021
Response via : Initial Calibration

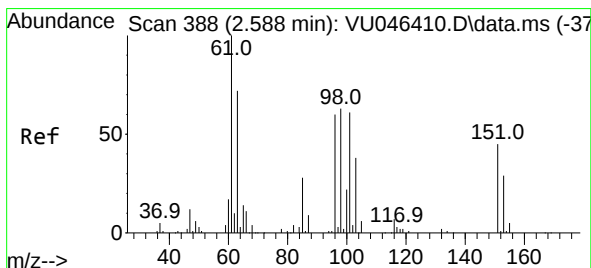
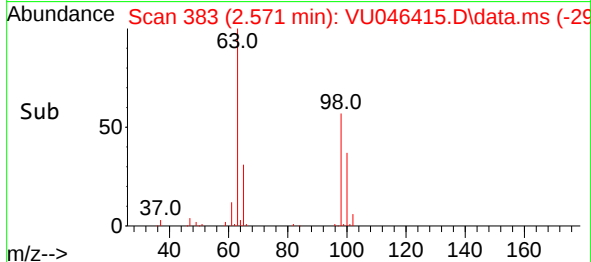
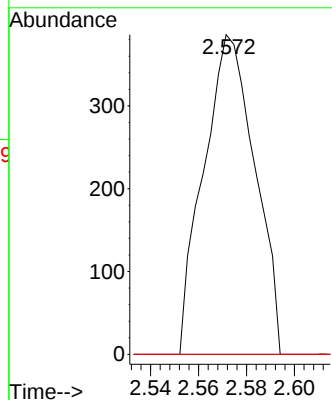
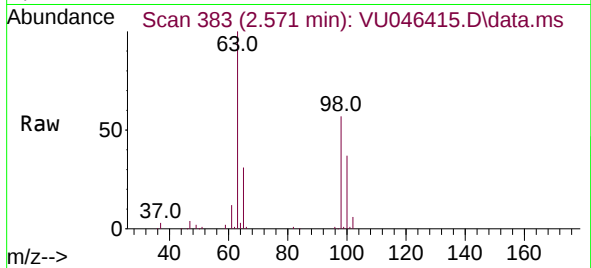




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.553 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046415.D
Acq: 16 Dec 2021 13:00

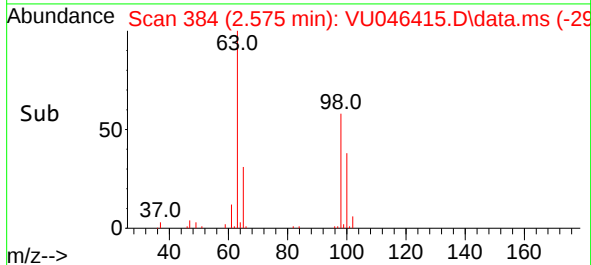
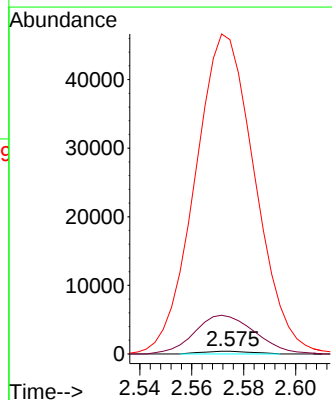
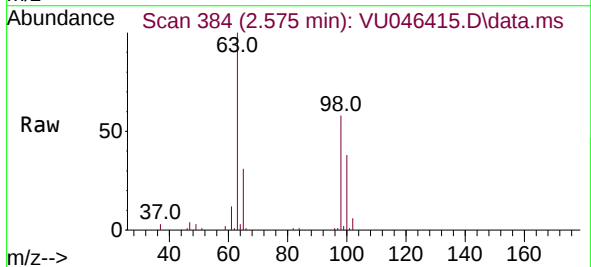
Instrument :
MSVOA_U
ClientSampleId :

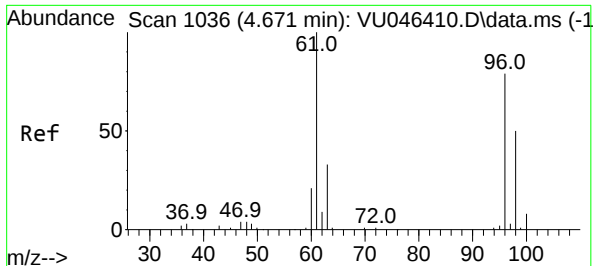
Tgt Ion:101 Resp: 573
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.552 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046415.D
Acq: 16 Dec 2021 13:00

Tgt Ion: 96 Resp: 543
Ion Ratio Lower Upper
96 100
61 1335.4 118.6 220.2#
63 11338.6 93.0 172.8#





#20

cis-1,2-Dichloroethene

Concen: 0.601 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU046415.D

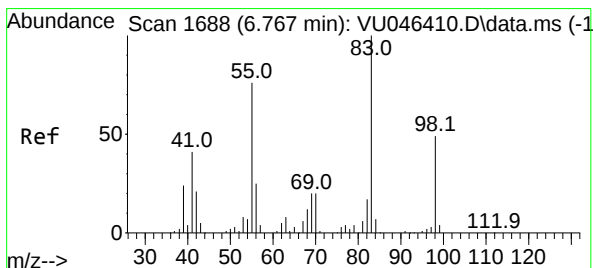
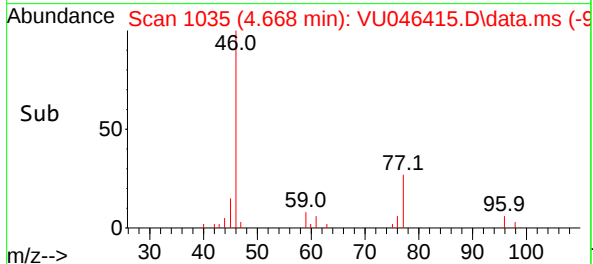
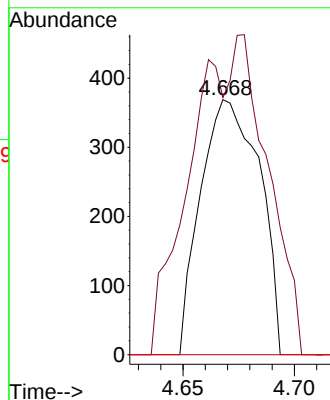
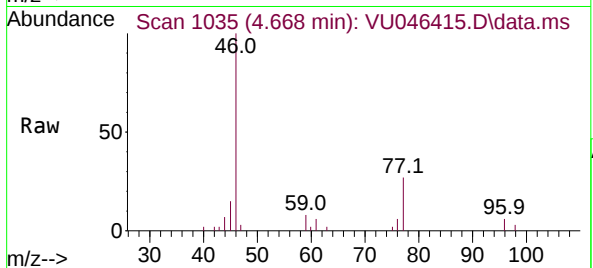
Acq: 16 Dec 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	96	Resp:	679
Ion	Ratio	Lower	Upper
96	100		
61	100.8	86.8	161.2
68	0.0	0.0	0.0



#35

Methylcyclohexane

Concen: 8.299 ug/L

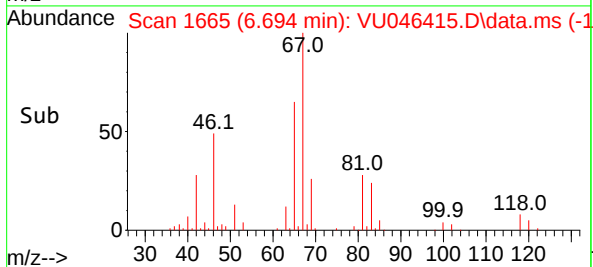
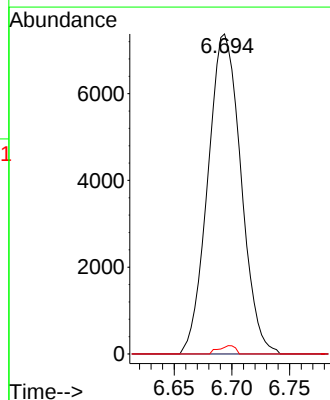
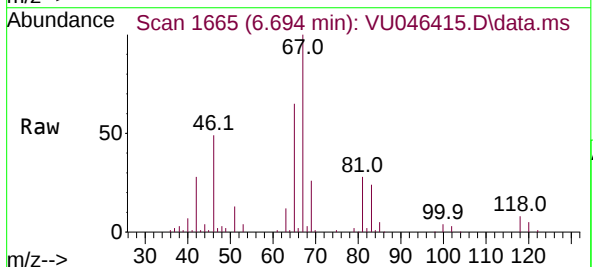
RT: 6.694 min Scan# 1665

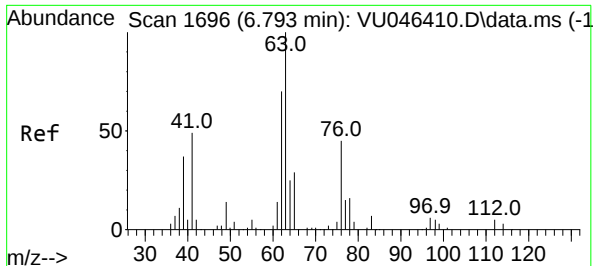
Delta R.T. -0.074 min

Lab File: VU046415.D

Acq: 16 Dec 2021 13:00

Tgt Ion:	83	Resp:	14717
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: 6.190 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046415.D

Acq: 16 Dec 2021 13:00

Instrument :

MSVOA_U

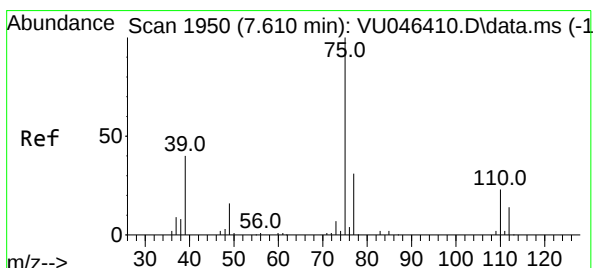
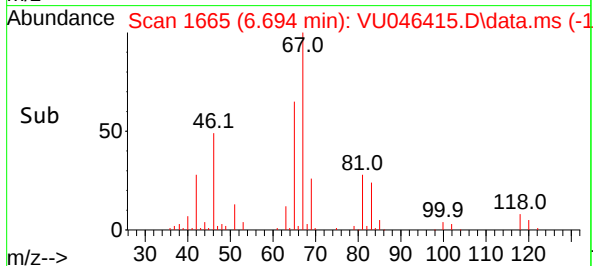
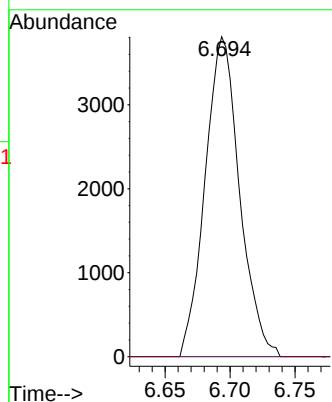
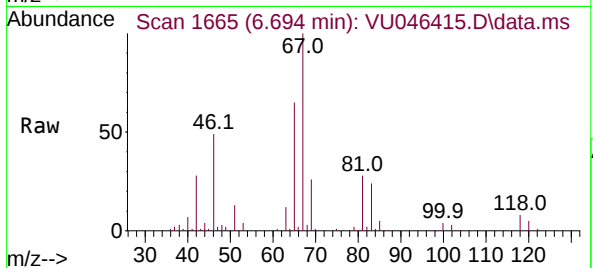
ClientSampleId :

Tgt Ion: 63 Resp: 7039

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.042 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046415.D

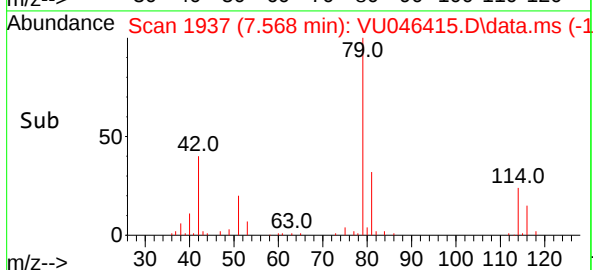
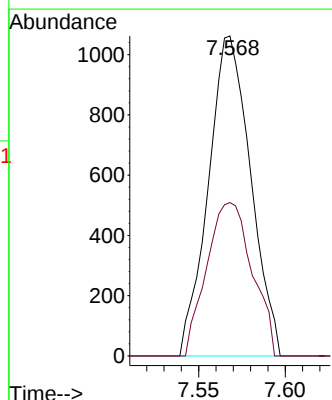
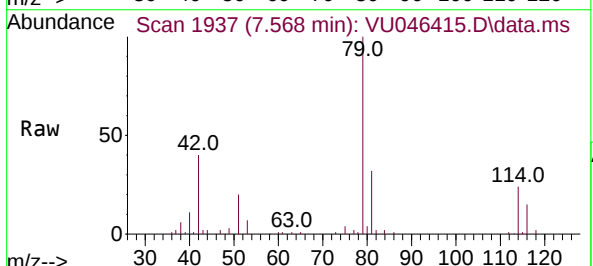
Acq: 16 Dec 2021 13:00

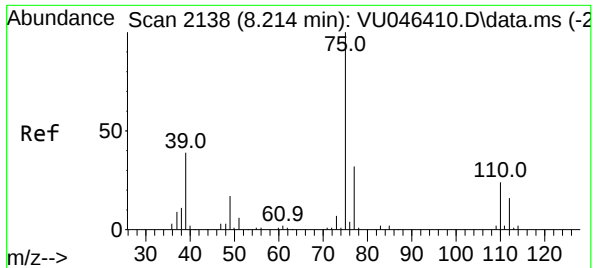
Tgt Ion: 75 Resp: 1803

Ion Ratio Lower Upper

75 100

77 47.9 21.8 40.6#

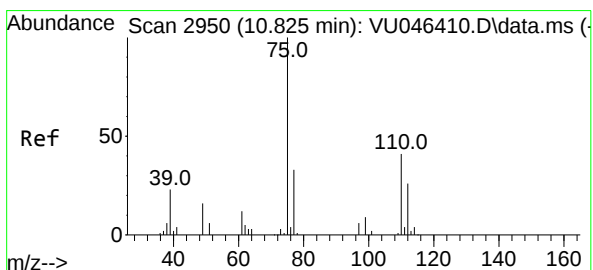
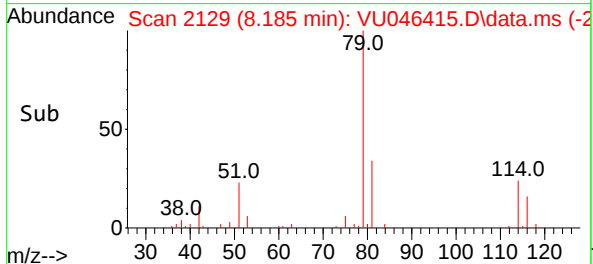
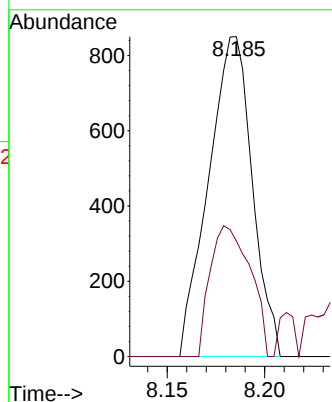
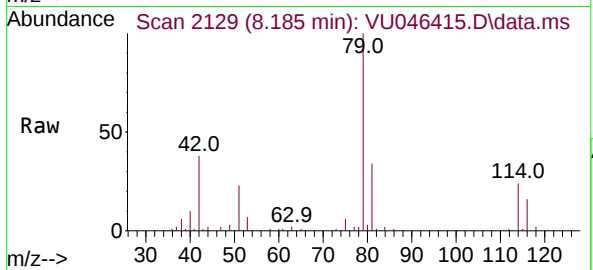




#44
trans-1,3-Dichloropropene
Concen: 0.780 ug/L
RT: 8.185 min Scan# 2138
Delta R.T. -0.029 min
Lab File: VU046415.D
Acq: 16 Dec 2021 13:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1326
Ion Ratio Lower Upper
75 100
77 36.1 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.652 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046415.D
Acq: 16 Dec 2021 13:00

Tgt Ion: 75 Resp: 8673
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
110 1.7 32.4 48.6#

