

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046448.D
 Acq On : 17 Dec 2021 02:18
 Operator : SY/MD
 Sample : M5121-02 20X
 Misc : 7.20g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:07:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

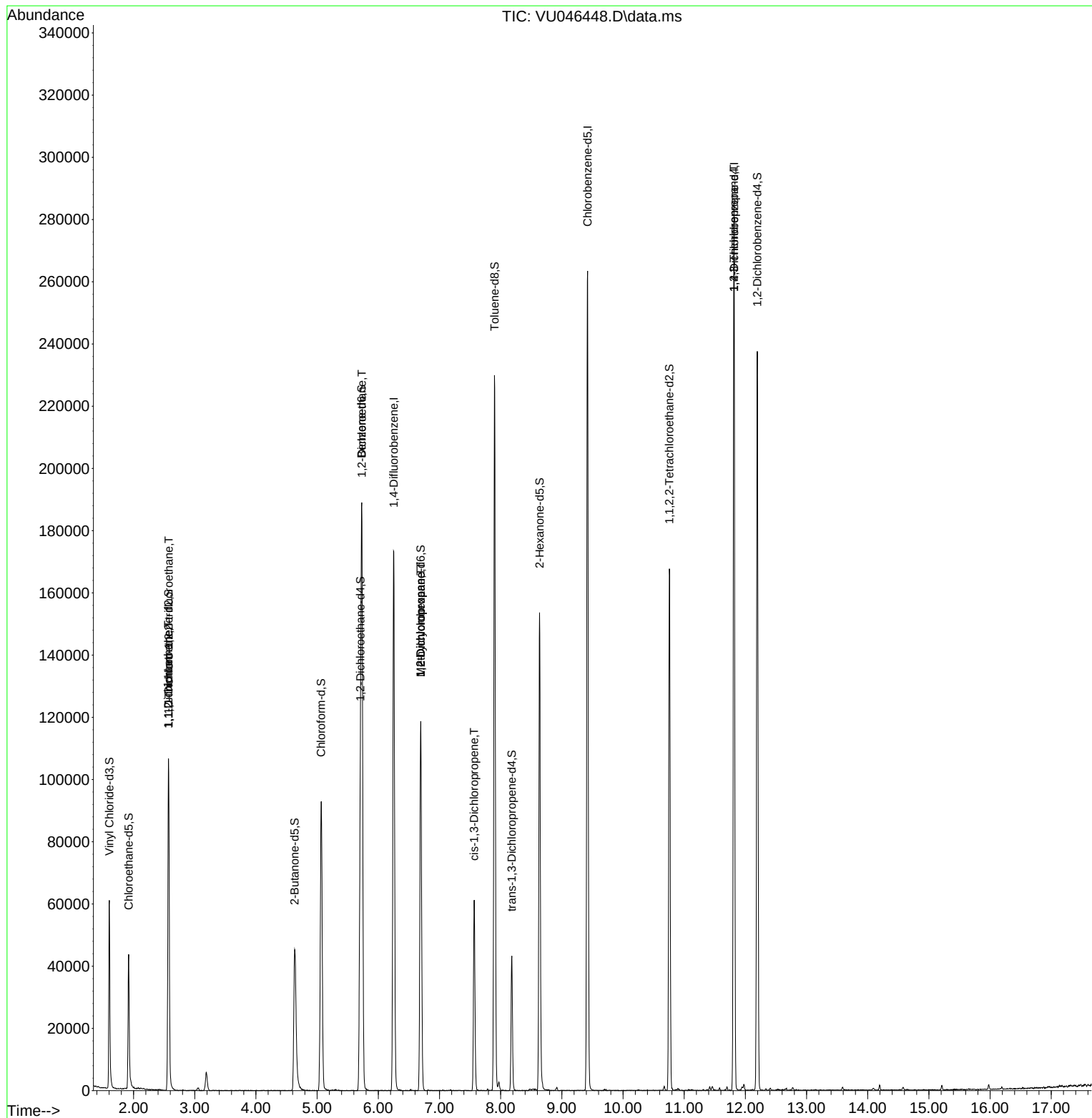
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140464	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	143434	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	73293	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48099	41.570	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.140%
7) Chloroethane-d5	1.919	69	35791	40.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.580%
11) 1,1-Dichloroethene-d2	2.571	63	63473	30.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.120%
21) 2-Butanone-d5	4.632	46	70709	76.873	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.870%
24) Chloroform-d	5.066	84	88795	45.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
26) 1,2-Dichloroethane-d4	5.706	65	60695	46.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.620%
32) Benzene-d6	5.729	84	174495	42.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.900%
36) 1,2-Dichloropropane-d6	6.693	67	55594	43.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.260%
41) Toluene-d8	7.899	98	149857	40.035	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.080%
43) trans-1,3-Dichloroprop...	8.182	79	24640	40.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.120%
47) 2-Hexanone-d5	8.635	63	53257	88.160	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	80230	41.522	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	60129	42.600	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	494	0.483	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	401	0.413	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	983	0.638	ug/L #	73
35) Methylcyclohexane	6.693	83	13482	7.603	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6241	5.488	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1449	0.838	ug/L #	51
60) 1,2,3-Trichloropropane	11.812	75	8589	5.346	ug/L #	65

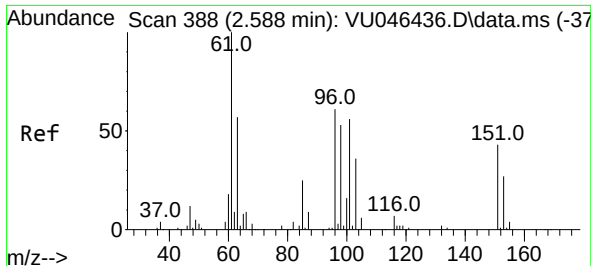
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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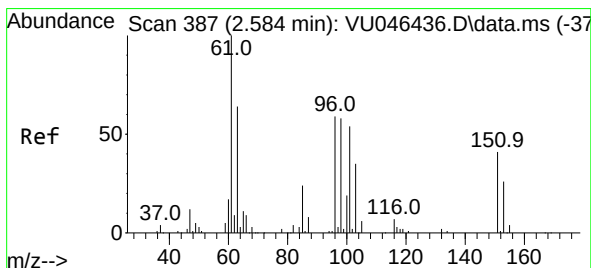
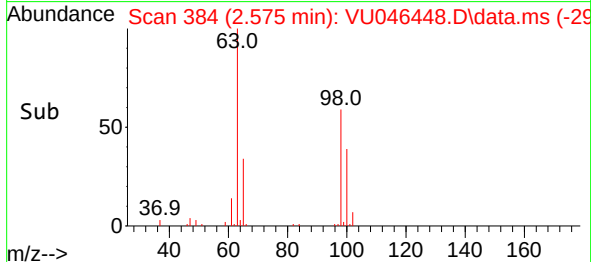
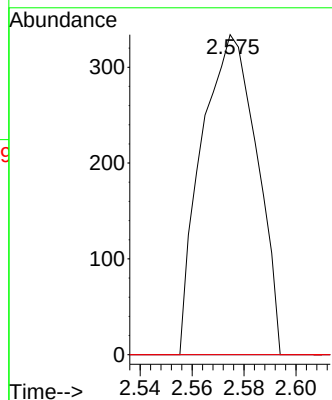
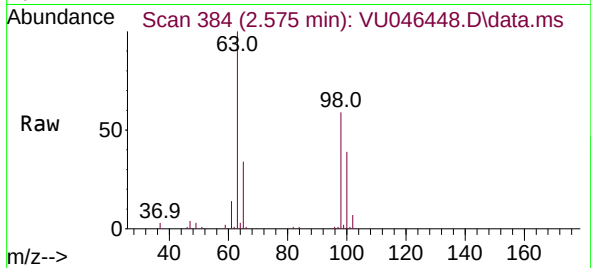




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.483 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046448.D
Acq: 17 Dec 2021 02:18

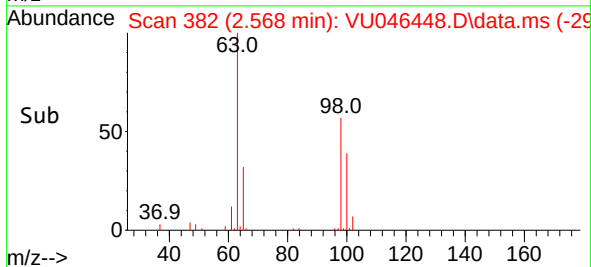
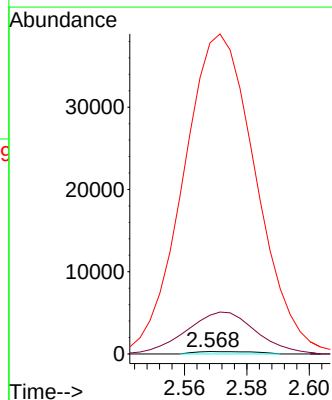
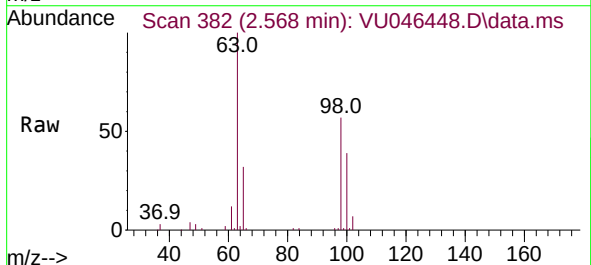
Instrument :
MSVOA_U
ClientSampleId :

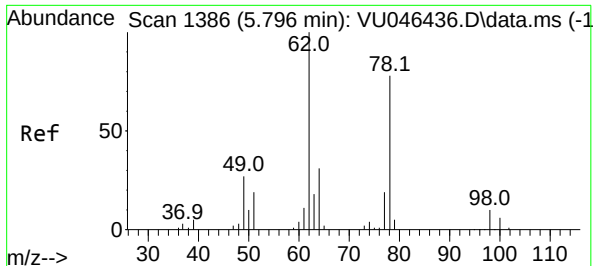
Tgt Ion:101 Resp: 494
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.413 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046448.D
Acq: 17 Dec 2021 02:18

Tgt Ion: 96 Resp: 401
Ion Ratio Lower Upper
96 100
61 1636.1 118.6 220.2#
63 13133.3 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.638 ug/L

RT: 5.732 min Scan# 1

Delta R.T. -0.064 min

Lab File: VU046448.D

Acq: 17 Dec 2021 02:18

Instrument :

MSVOA_U

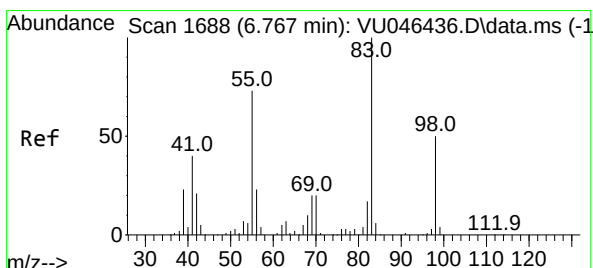
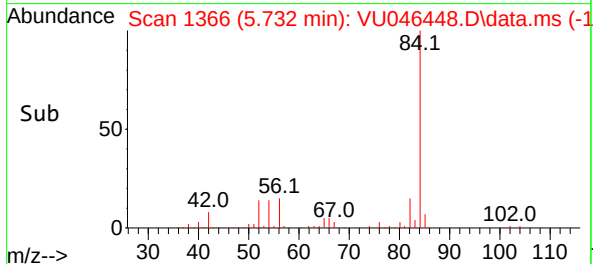
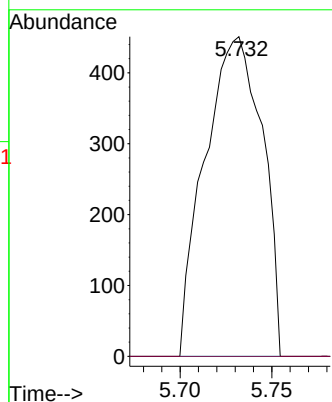
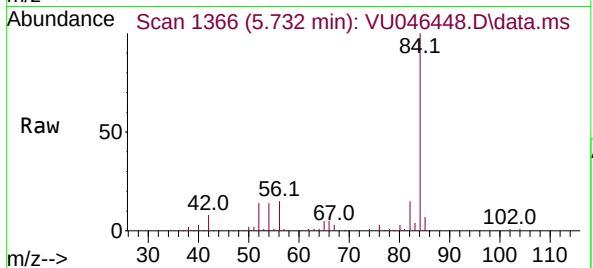
ClientSampleId :

Tgt Ion: 62 Resp: 983

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.603 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046448.D

Acq: 17 Dec 2021 02:18

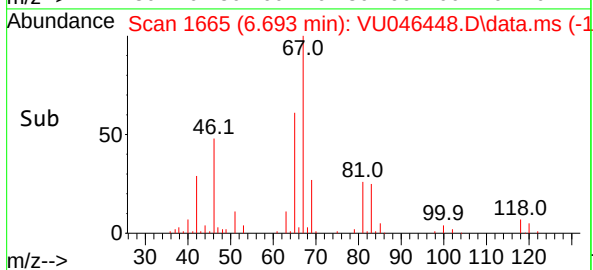
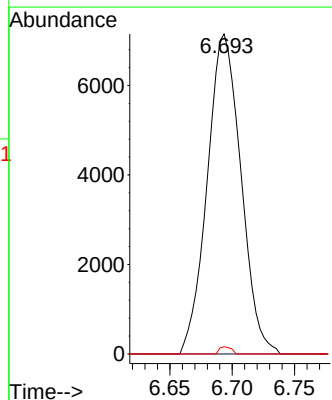
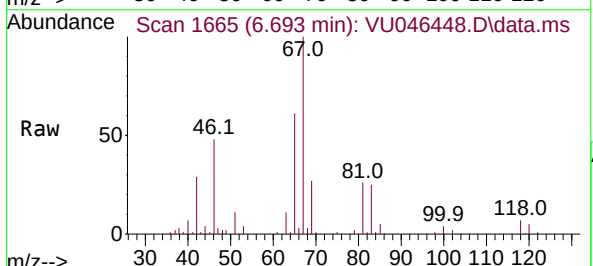
Tgt Ion: 83 Resp: 13482

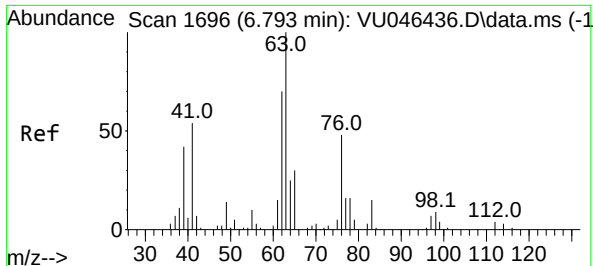
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.488 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046448.D

Acq: 17 Dec 2021 02:18

Instrument :

MSVOA_U

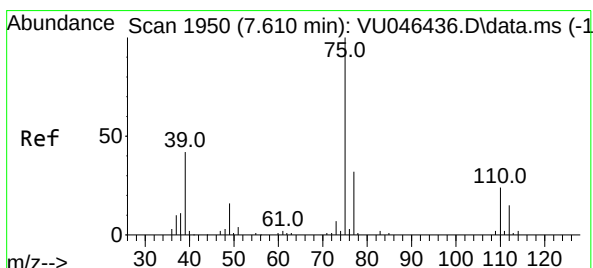
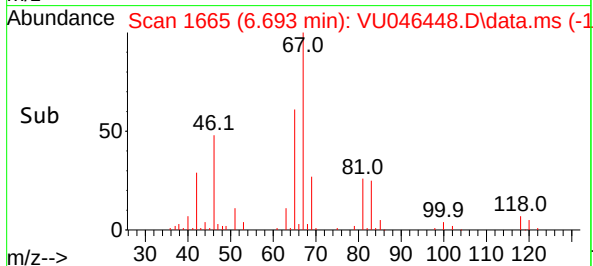
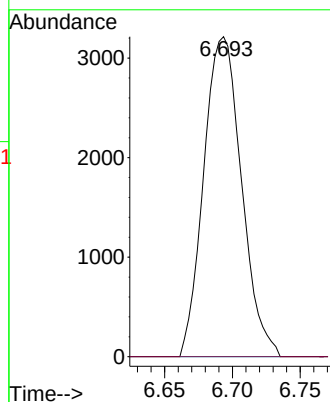
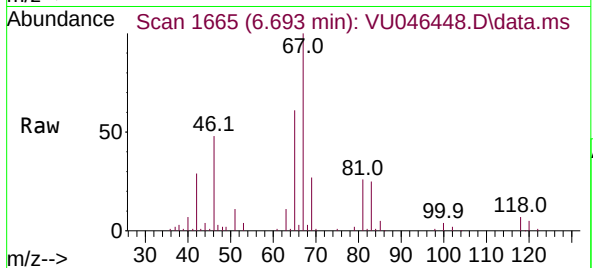
ClientSampleId :

Tgt Ion: 63 Resp: 6241

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.838 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046448.D

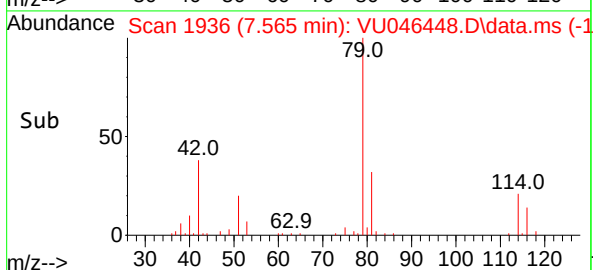
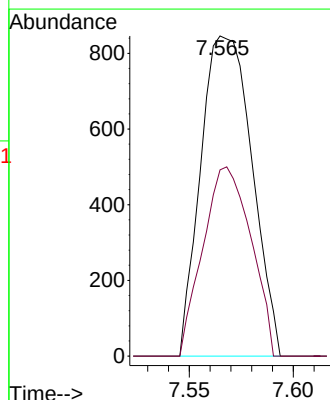
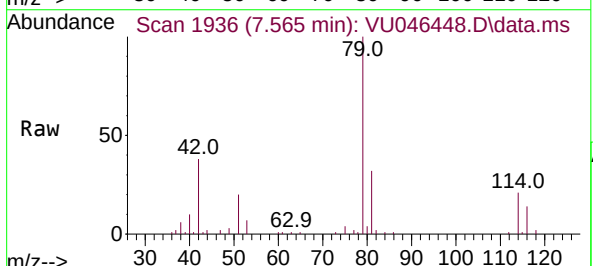
Acq: 17 Dec 2021 02:18

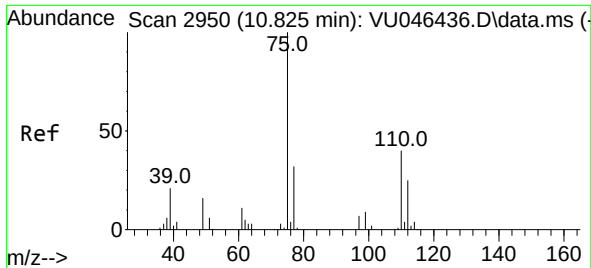
Tgt Ion: 75 Resp: 1449

Ion Ratio Lower Upper

75 100

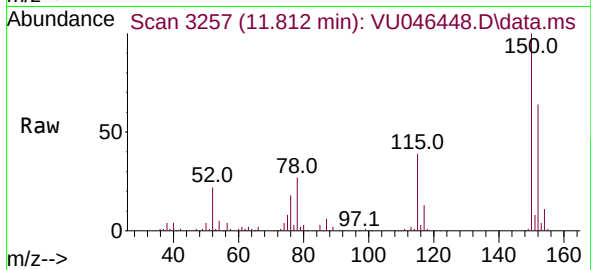
77 58.2 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.346 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046448.D
 Acq: 17 Dec 2021 02:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8589
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.4 39.6
 110 2.5 32.4 48.6#

