

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046399.D
 Acq On : 15 Dec 2021 16:20
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 03:11:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 16 02:25:11 2021
 Response via : Initial Calibration

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

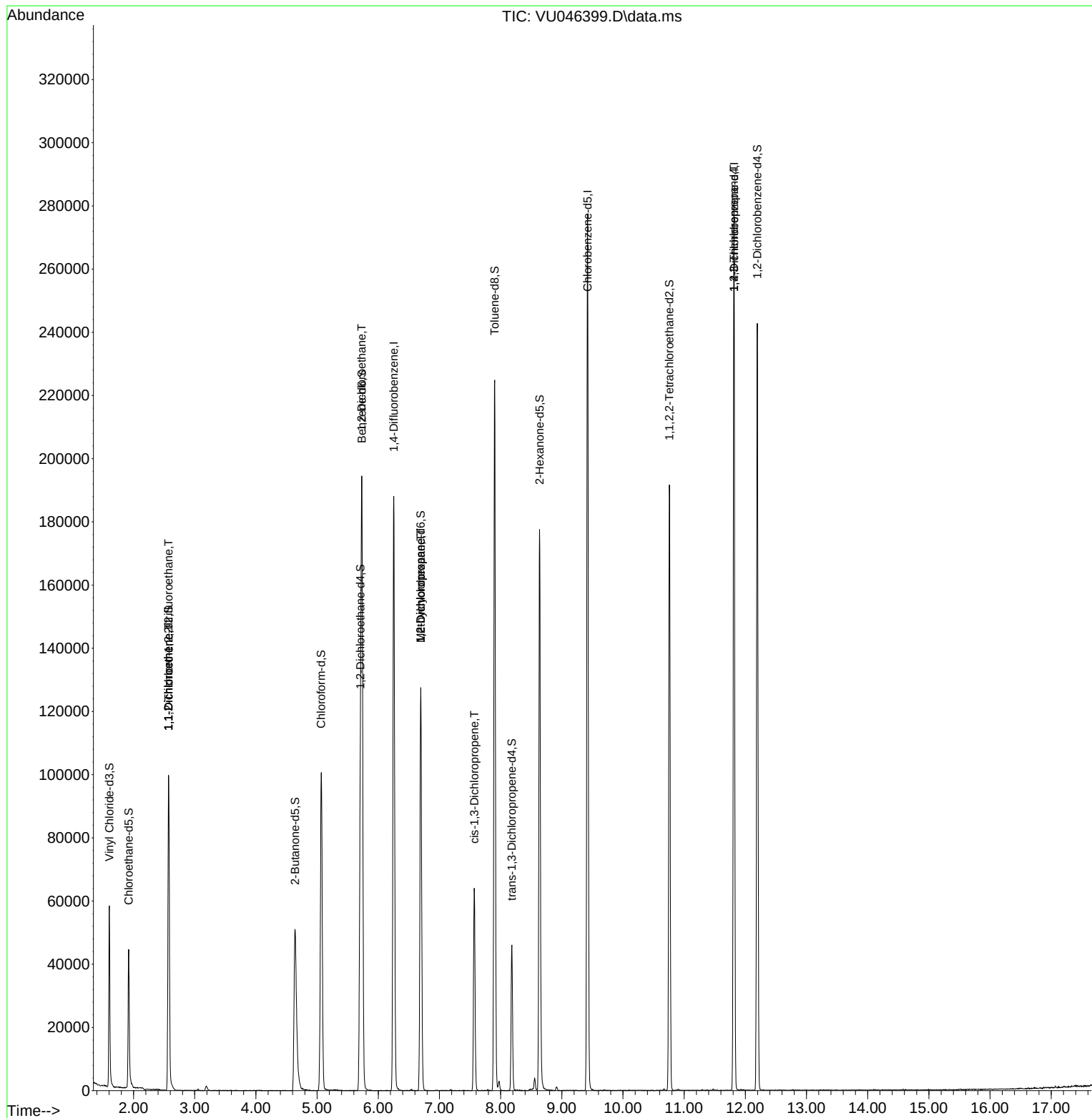
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	149298	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	151985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	71807	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	44867	36.482	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	72.960%	
7) Chloroethane-d5	1.919	69	36270	38.411	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	76.820%	
11) 1,1-Dichloroethene-d2	2.572	63	60656	27.474	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	54.940%#	
21) 2-Butanone-d5	4.639	46	89406	91.449	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.450%	
24) Chloroform-d	5.067	84	95476	46.488	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.980%	
26) 1,2-Dichloroethane-d4	5.707	65	63549	46.106	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.220%	
32) Benzene-d6	5.732	84	180417	41.417	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.840%	
36) 1,2-Dichloropropane-d6	6.694	67	58837	43.581	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.160%	
41) Toluene-d8	7.903	98	150230	37.877	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	75.760%#	
43) trans-1,3-Dichloroprop...	8.182	79	26835	41.176	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.360%	
47) 2-Hexanone-d5	8.636	63	64889	101.372	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.370%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	92527	45.192	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.380%	
66) 1,2-Dichlorobenzene-d4	12.195	152	60640	43.851	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.700%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	429	0.395	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	391	0.379	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	930	0.568	ug/L #	73
35) Methylcyclohexane	6.694	83	14680	7.813	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6483	5.380	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1588	0.866	ug/L #	67
60) 1,2,3-Trichloropropane	11.813	75	9080	5.768	ug/L #	66

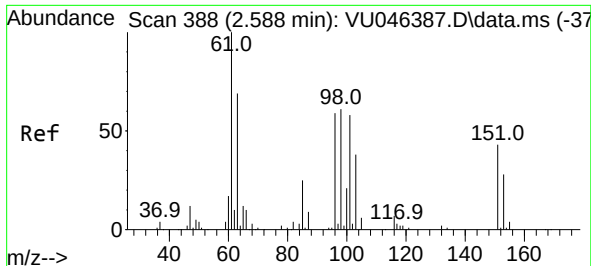
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 16 02:25:11 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.395 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046399.D

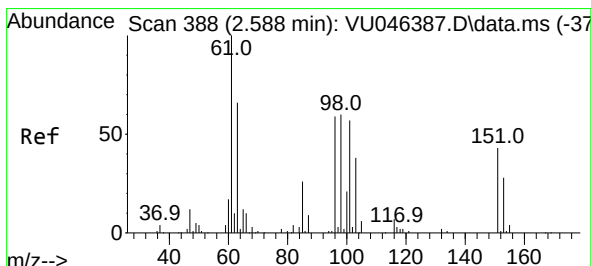
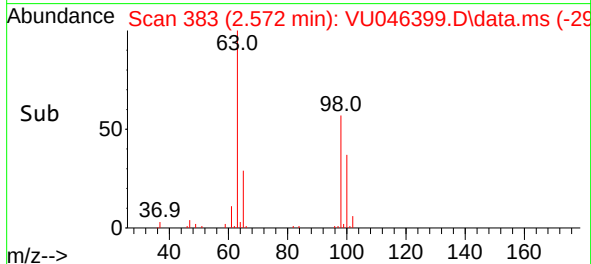
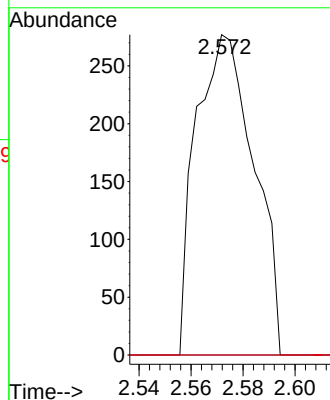
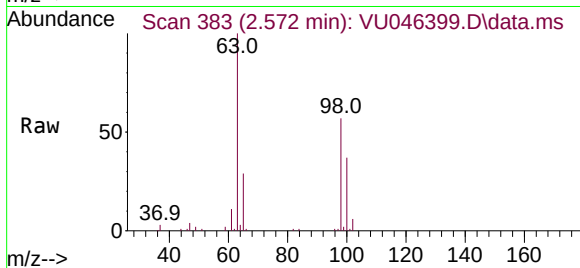
Acq: 15 Dec 2021 16:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	429
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: 0.379 ug/L

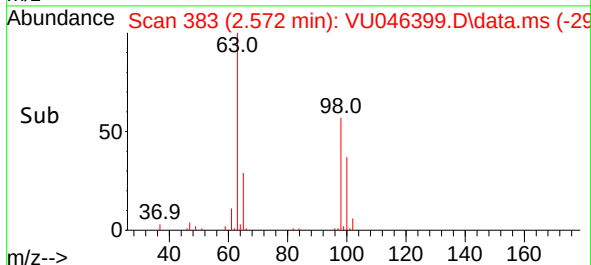
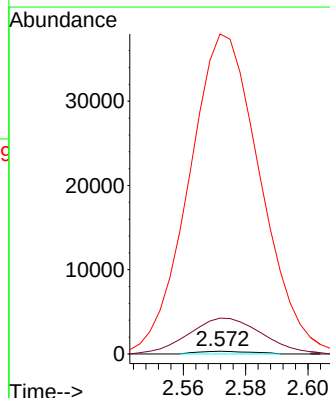
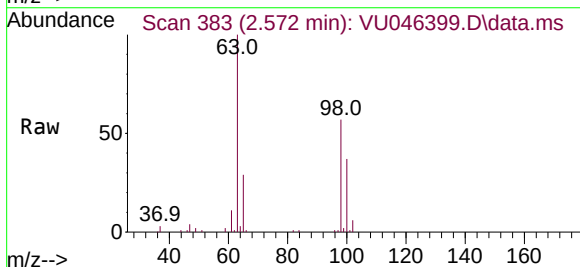
RT: 2.572 min Scan# 383

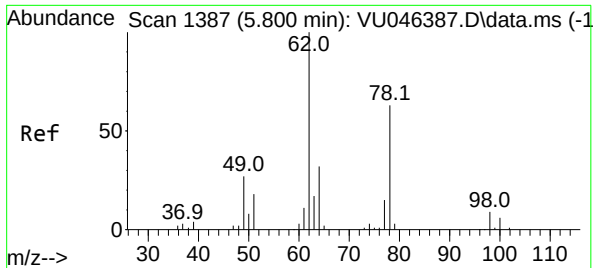
Delta R.T. -0.016 min

Lab File: VU046399.D

Acq: 15 Dec 2021 16:20

Tgt Ion:	96	Resp:	391
Ion	Ratio	Lower	Upper
96	100		
61	1357.6	118.6	220.2#
63	12096.8	93.0	172.8#





#27

1,2-Dichloroethane

Concen: 0.568 ug/L

RT: 5.729 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU046399.D

Acq: 15 Dec 2021 16:20

Instrument :

MSVOA_U

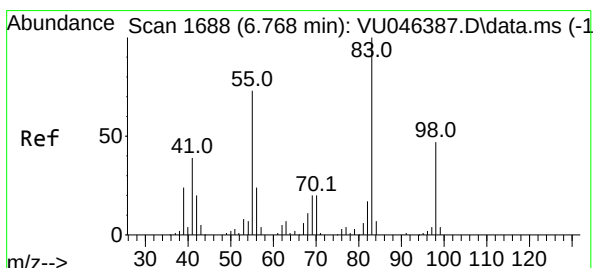
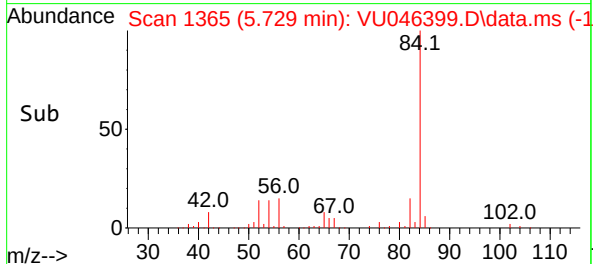
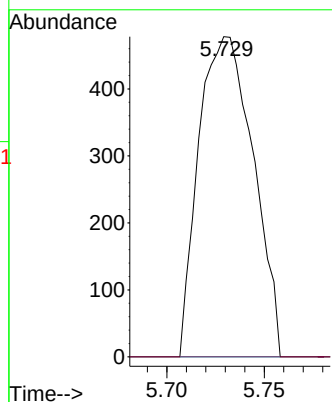
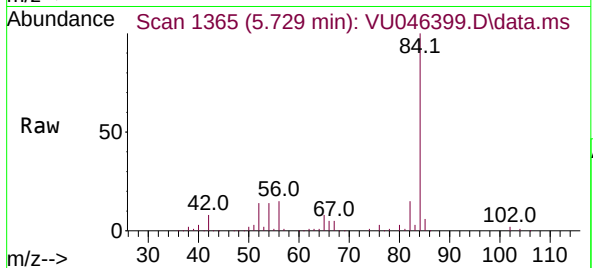
ClientSampleId :

Tgt Ion: 62 Resp: 930

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.813 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046399.D

Acq: 15 Dec 2021 16:20

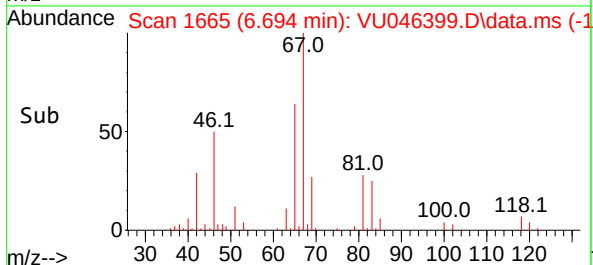
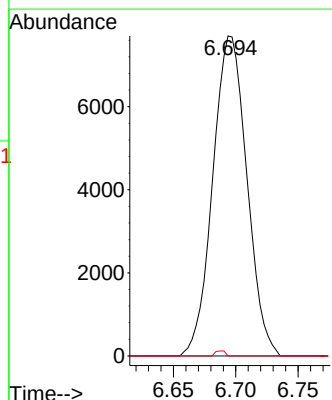
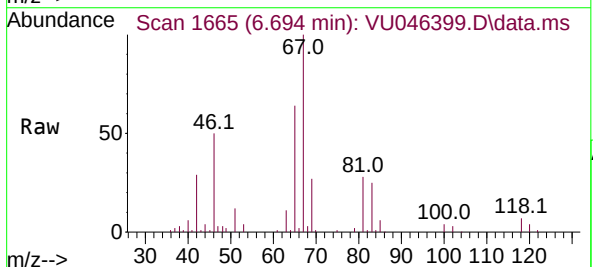
Tgt Ion: 83 Resp: 14680

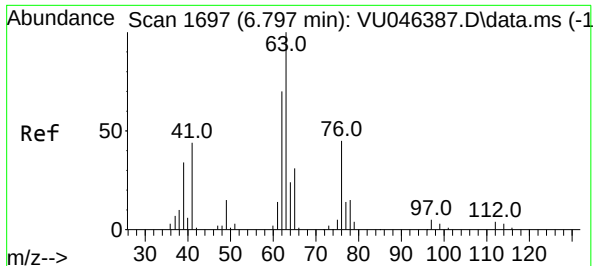
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.380 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046399.D

Acq: 15 Dec 2021 16:20

Instrument :

MSVOA_U

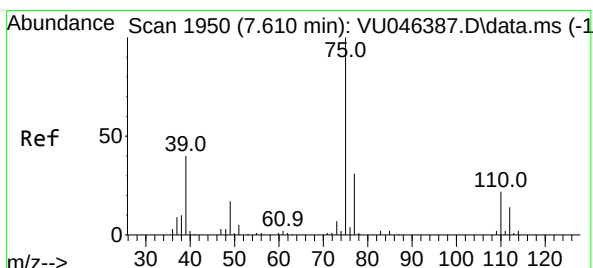
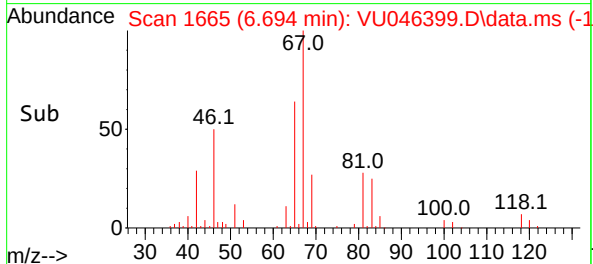
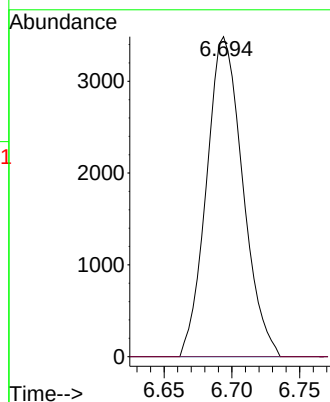
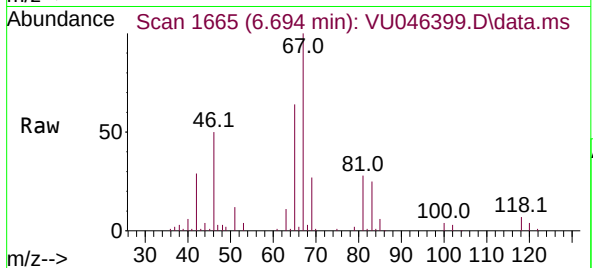
ClientSampleId :

Tgt Ion: 63 Resp: 6483

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.866 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046399.D

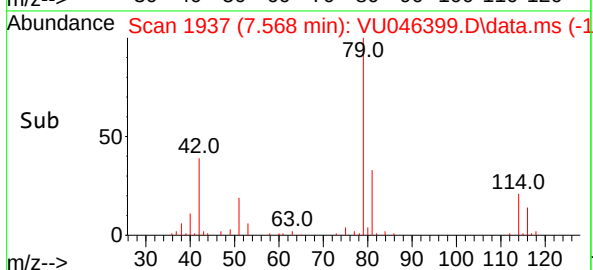
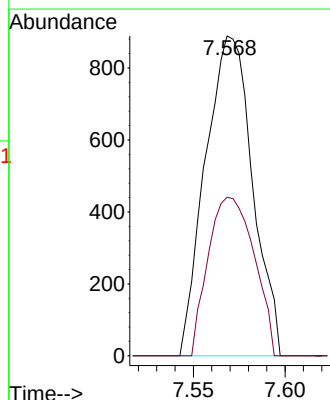
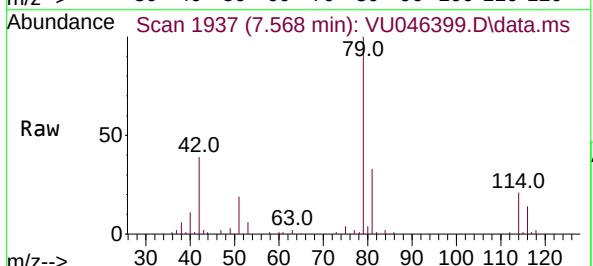
Acq: 15 Dec 2021 16:20

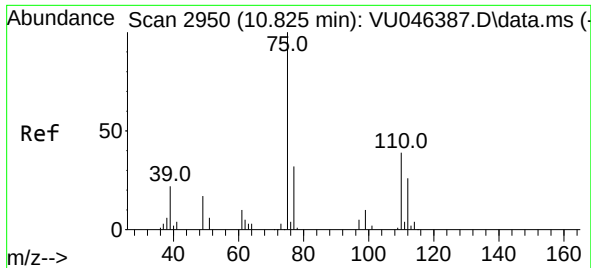
Tgt Ion: 75 Resp: 1588

Ion Ratio Lower Upper

75 100

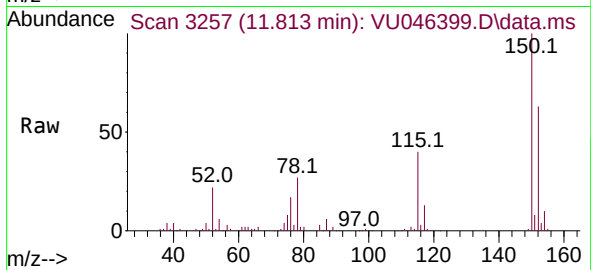
77 49.6 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.768 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046399.D
 Acq: 15 Dec 2021 16:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9080
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.4 39.6
 110 2.5 32.4 48.6#

