

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046374.D
 Acq On : 14 Dec 2021 22:09
 Operator : SY/MD
 Sample : M5002-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D18

Quant Time: Dec 15 03:45:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

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

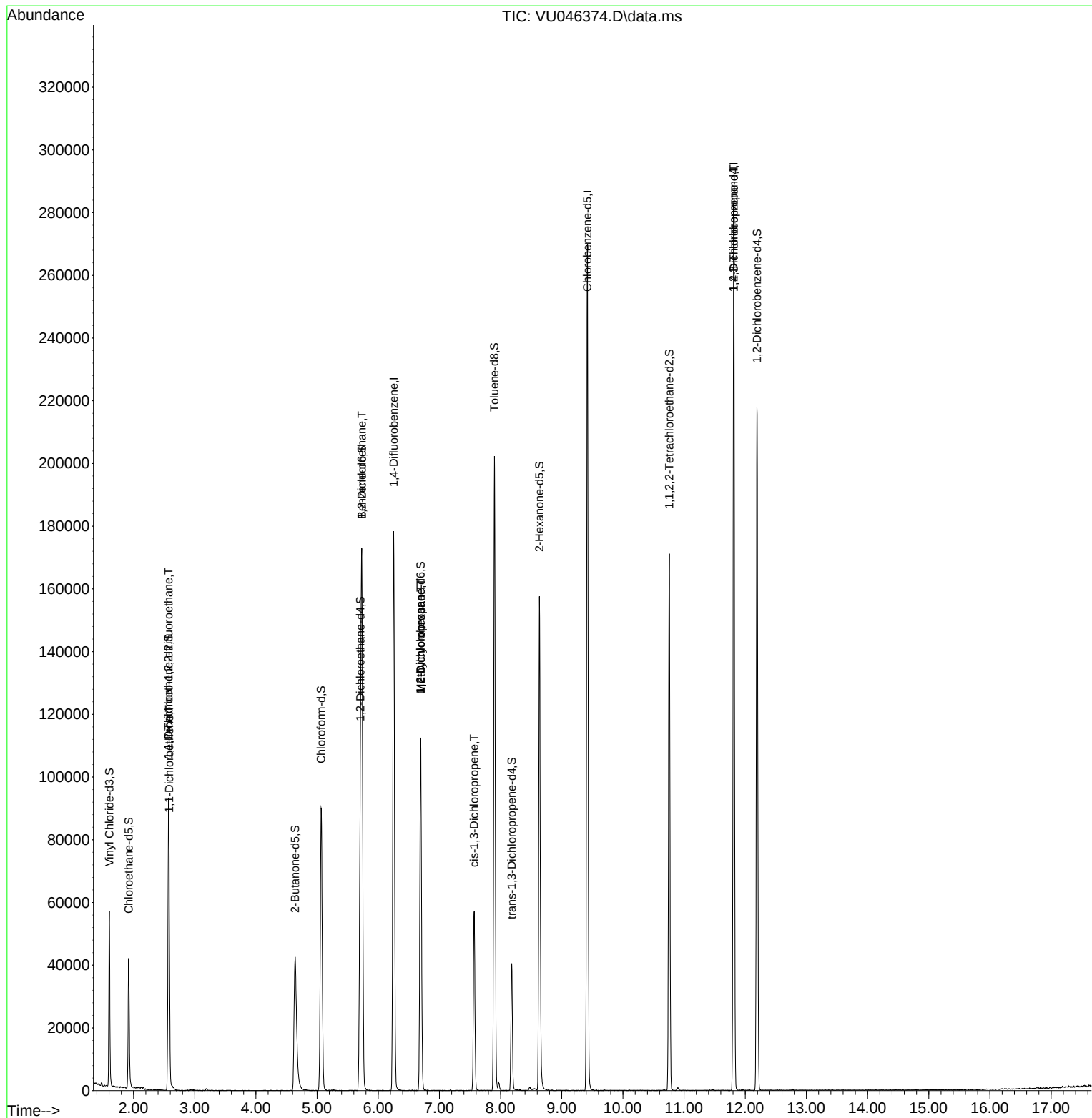
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143964	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	148623	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71510	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	41152	34.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.400%
7) Chloroethane-d5	1.919	69	32678	35.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.780%
11) 1,1-Dichloroethene-d2	2.571	63	56084	26.344	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.680%#
21) 2-Butanone-d5	4.642	46	77058	81.739	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.740%
24) Chloroform-d	5.066	84	84701	42.770	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.540%
26) 1,2-Dichloroethane-d4	5.706	65	57622	43.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.720%
32) Benzene-d6	5.732	84	160393	37.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.300%
36) 1,2-Dichloropropane-d6	6.693	67	52519	39.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.560%
41) Toluene-d8	7.899	98	134532	34.686	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.380%#
43) trans-1,3-Dichloroprop...	8.182	79	24019	37.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.380%
47) 2-Hexanone-d5	8.635	63	55507	88.677	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	82333	41.123	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.240%
66) 1,2-Dichlorobenzene-d4	12.192	152	56605	41.103	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	412	0.393	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	992	0.997	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	898	0.569	ug/L #	73
35) Methylcyclohexane	6.693	83	12577	6.845	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5893	5.001	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1438	0.802	ug/L #	49
60) 1,2,3-Trichloropropane	11.812	75	8910	5.684	ug/L #	65

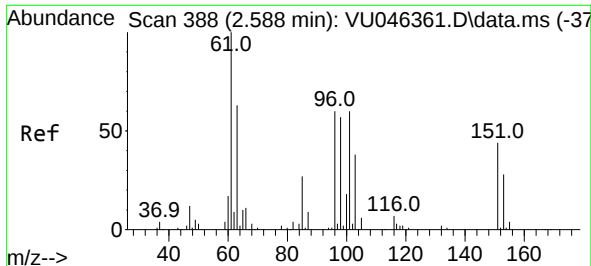
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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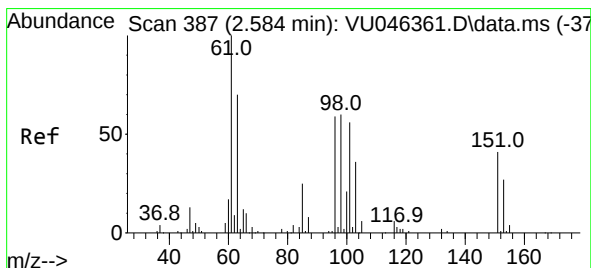
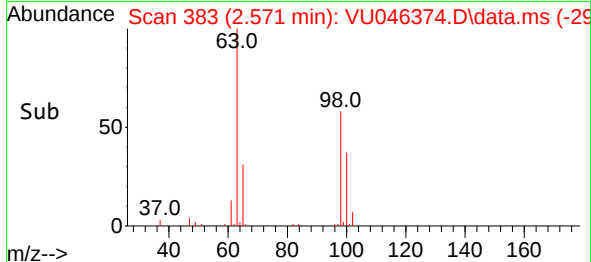
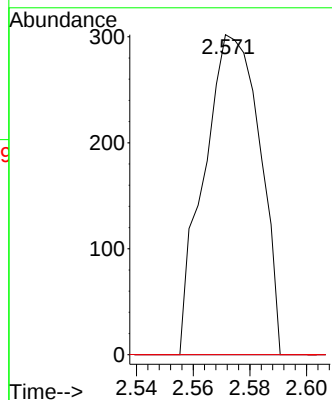
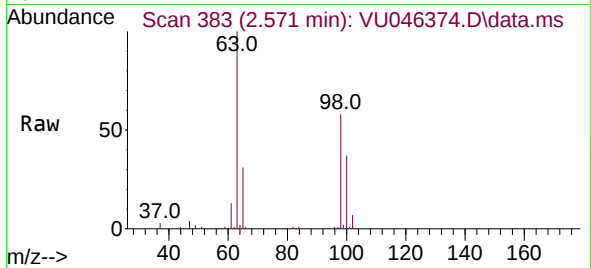




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.393 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046374.D
Acq: 14 Dec 2021 22:09

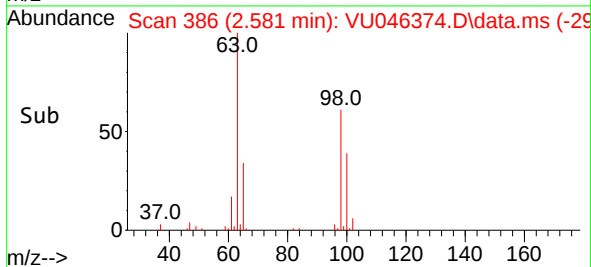
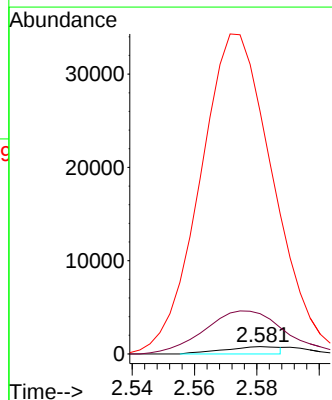
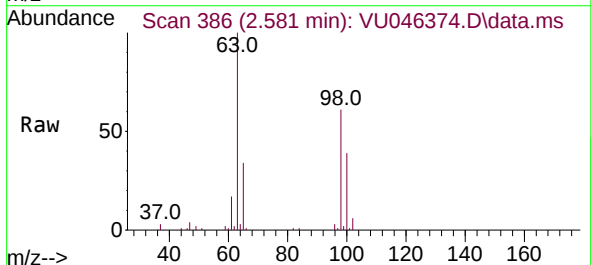
Instrument :
MSVOA_U
ClientSampleId :
C0D18

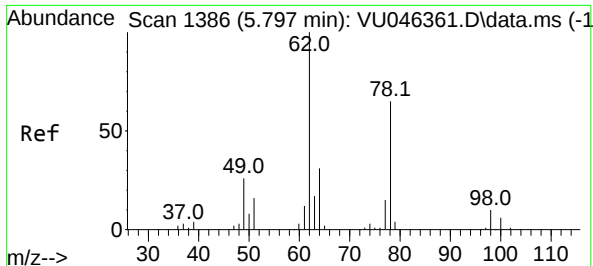
Tgt Ion:101 Resp: 412
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.997 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU046374.D
Acq: 14 Dec 2021 22:09

Tgt Ion: 96 Resp: 992
Ion Ratio Lower Upper
96 100
61 549.8 118.6 220.2#
63 3305.7 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.569 ug/L

RT: 5.732 min Scan# 1

Delta R.T. -0.064 min

Lab File: VU046374.D

Acq: 14 Dec 2021 22:09

Instrument :

MSVOA_U

ClientSampleId :

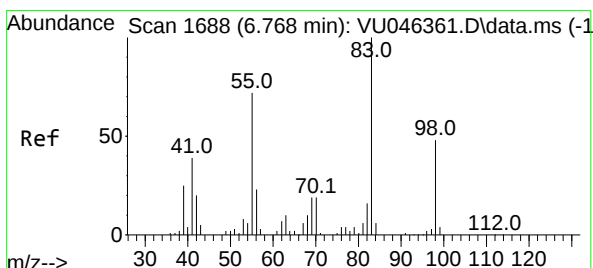
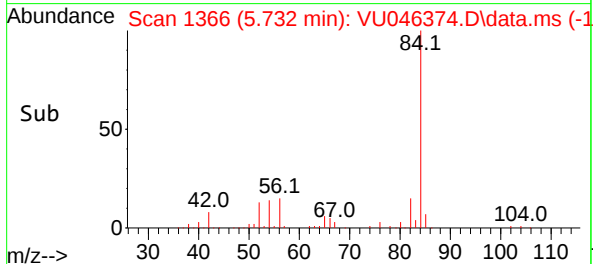
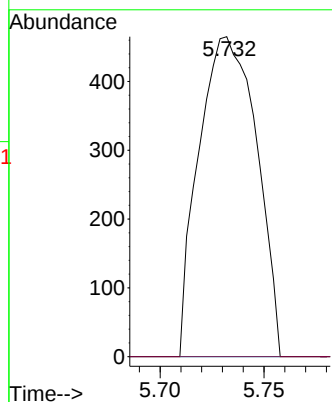
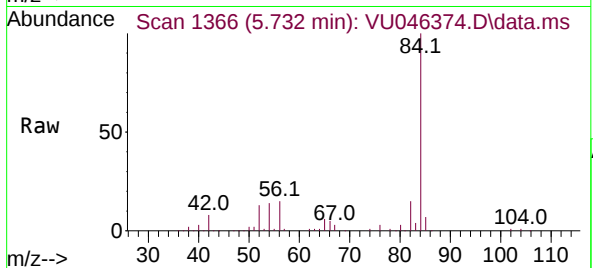
C0D18

Tgt Ion: 62 Resp: 898

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 6.845 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046374.D

Acq: 14 Dec 2021 22:09

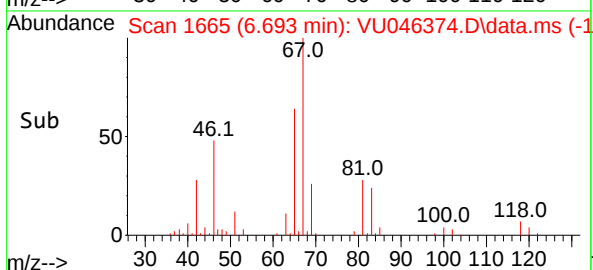
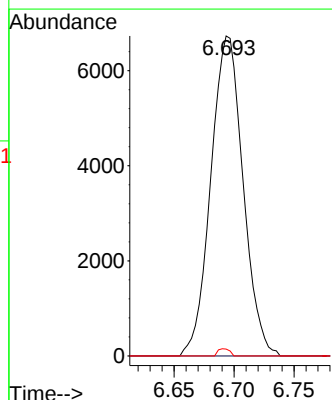
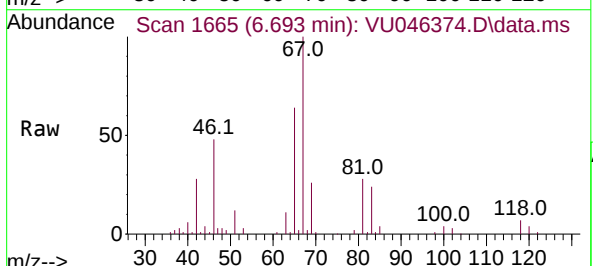
Tgt Ion: 83 Resp: 12577

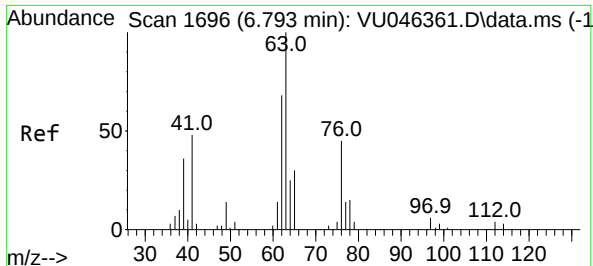
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.001 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046374.D

Acq: 14 Dec 2021 22:09

Instrument :

MSVOA_U

ClientSampleId :

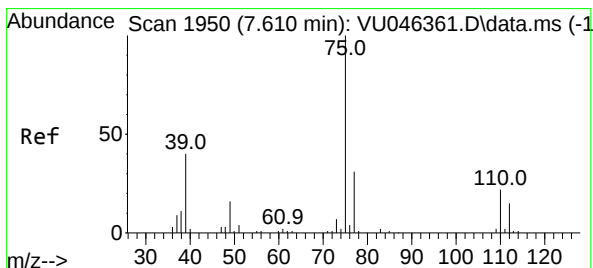
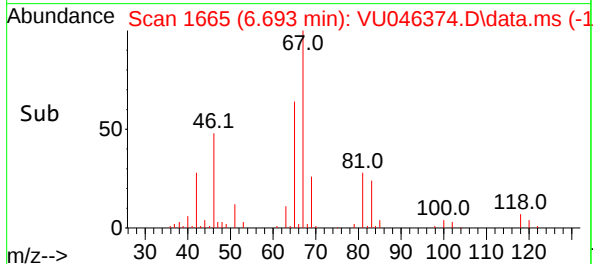
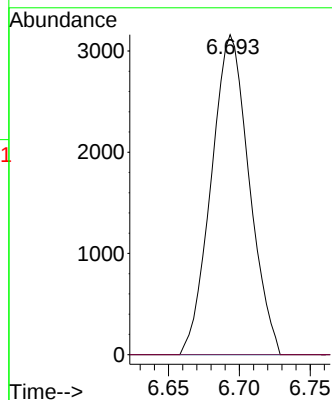
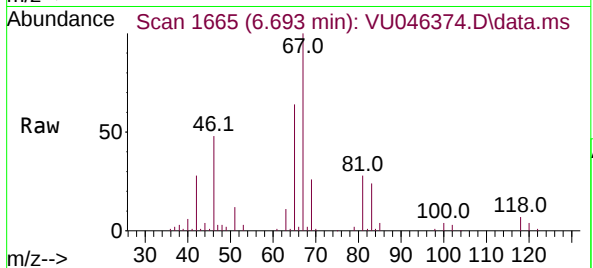
C0D18

Tgt Ion: 63 Resp: 5893

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.802 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046374.D

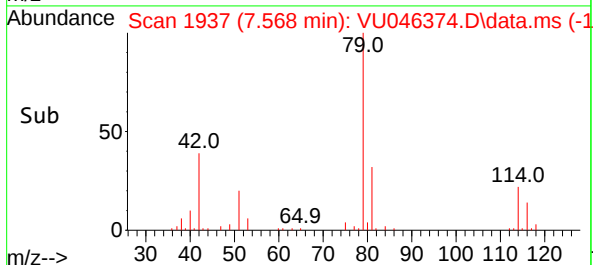
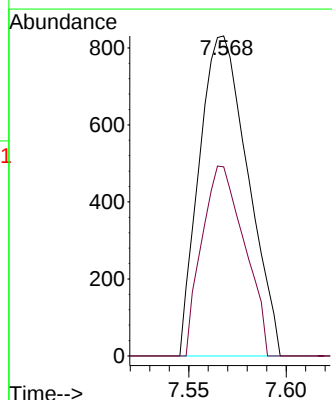
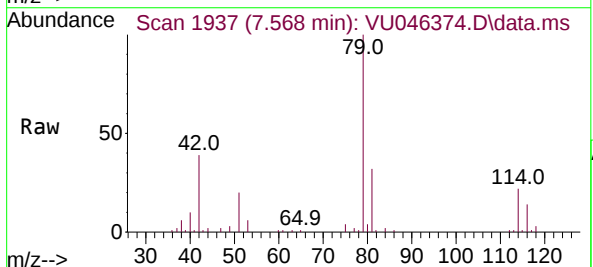
Acq: 14 Dec 2021 22:09

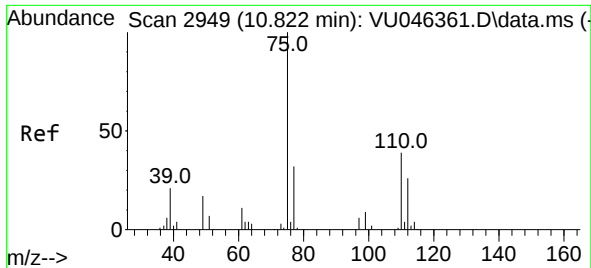
Tgt Ion: 75 Resp: 1438

Ion Ratio Lower Upper

75 100

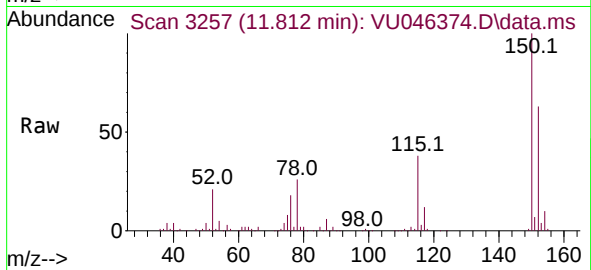
77 59.1 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.684 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046374.D
 Acq: 14 Dec 2021 22:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D18



Tgt Ion: 75 Resp: 8910
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.4 39.6
 110 1.6 32.4 48.6#

