

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046375.D
 Acq On : 14 Dec 2021 22:32
 Operator : SY/MD
 Sample : M5037-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00V5

Quant Time: Dec 15 03:46:09 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)

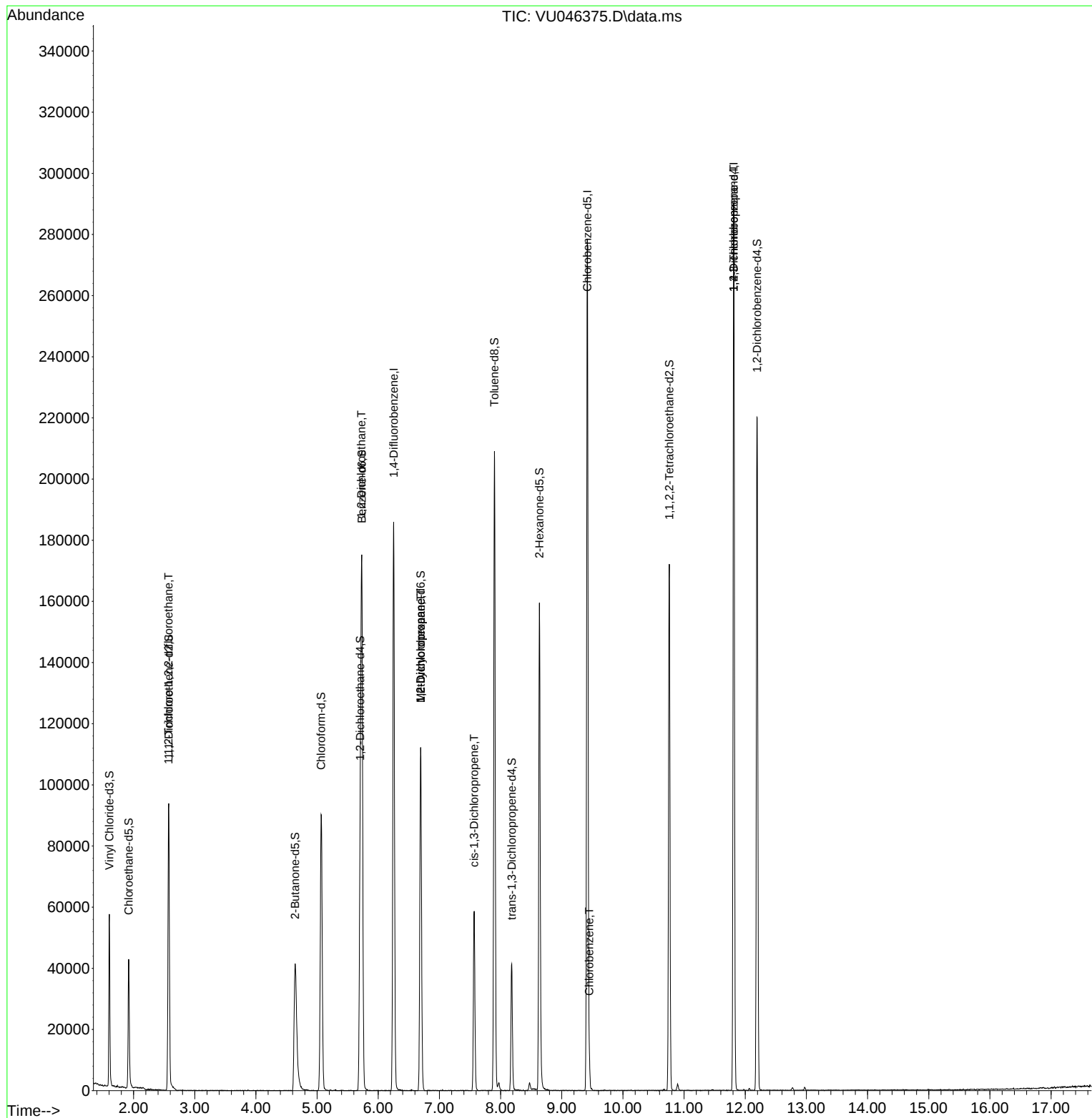
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	148284	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	154688	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75569	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	42072	34.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.880%
7) Chloroethane-d5	1.919	69	33620	35.848	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.700%
11) 1,1-Dichloroethene-d2	2.575	63	57188	26.080	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.160%#
21) 2-Butanone-d5	4.642	46	79114	81.475	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.470%
24) Chloroform-d	5.067	84	86664	42.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.980%
26) 1,2-Dichloroethane-d4	5.703	65	59066	43.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.300%
32) Benzene-d6	5.732	84	164541	37.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.220%
36) 1,2-Dichloropropane-d6	6.694	67	52736	38.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.760%
41) Toluene-d8	7.899	98	137057	33.952	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.900%#
43) trans-1,3-Dichloroprop...	8.182	79	24201	36.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.980%
47) 2-Hexanone-d5	8.636	63	56710	87.046	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.050%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84075	40.347	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	57663	39.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.240%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	433	0.401	ug/L #	21
27) 1,2-Dichloroethane	5.726	62	984	0.605	ug/L #	73
35) Methylcyclohexane	6.694	83	13380	6.996	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	5685	4.635	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1544	0.828	ug/L #	75
51) Chlorobenzene	9.449	112	4754	1.463	ug/L	87
60) 1,2,3-Trichloropropane	11.812	75	9161	5.530	ug/L #	65

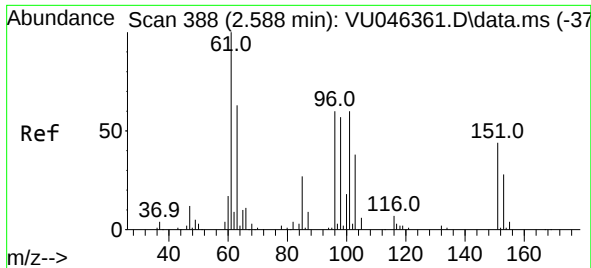
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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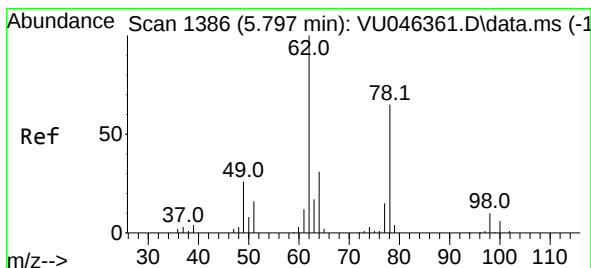
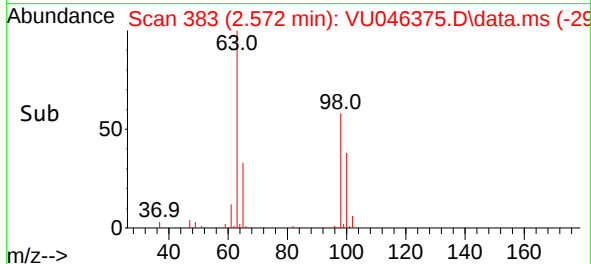
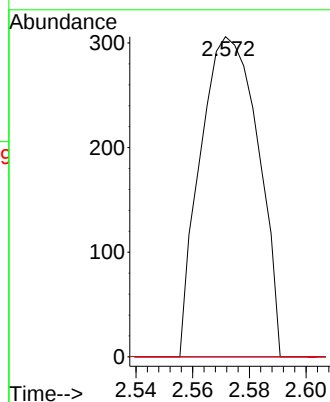
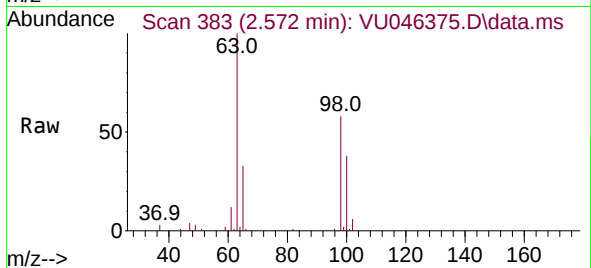




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.401 ug/L
 RT: 2.572 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU046375.D
 Acq: 14 Dec 2021 22:32

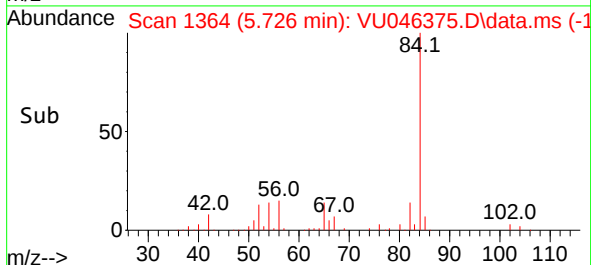
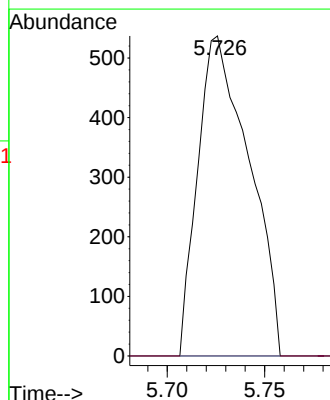
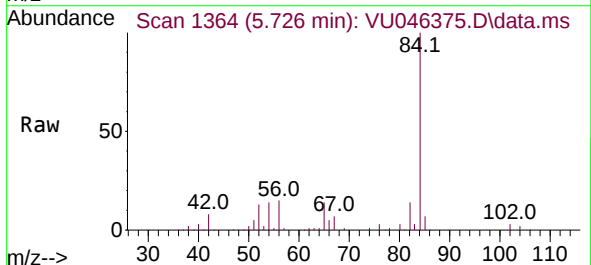
Instrument :
 MSVOA_U
 ClientSampleId :
 C00V5

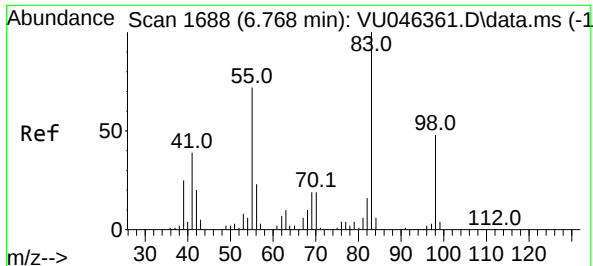
Tgt Ion:101 Resp: 433
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#27
 1,2-Dichloroethane
 Concen: 0.605 ug/L
 RT: 5.726 min Scan# 1364
 Delta R.T. -0.071 min
 Lab File: VU046375.D
 Acq: 14 Dec 2021 22:32

Tgt Ion: 62 Resp: 984
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 6.996 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046375.D

Acq: 14 Dec 2021 22:32

Instrument :

MSVOA_U

ClientSampleId :

C00V5

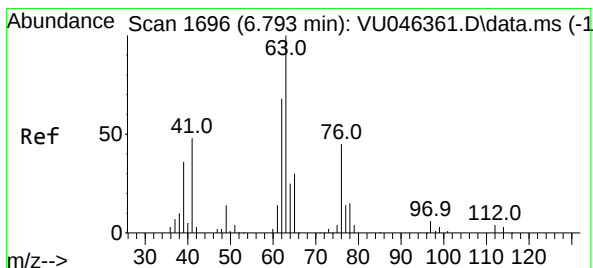
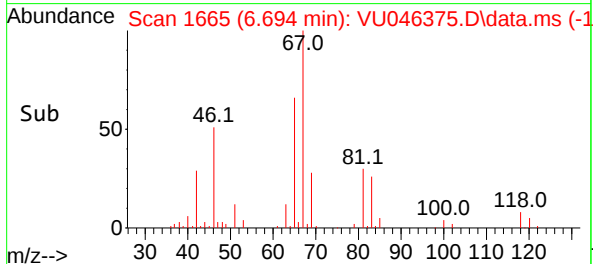
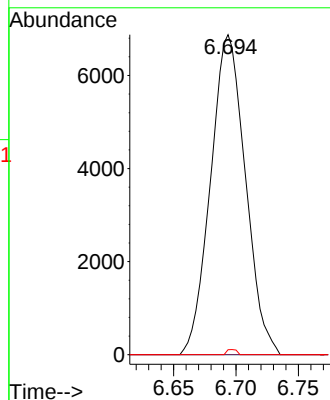
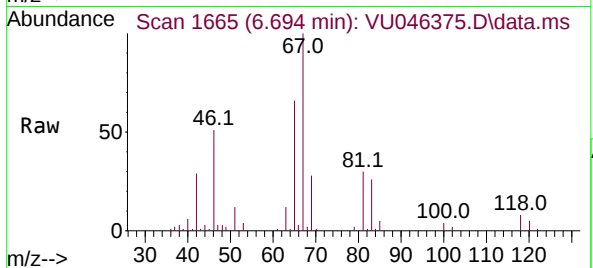
Tgt Ion: 83 Resp: 13380

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: 4.635 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046375.D

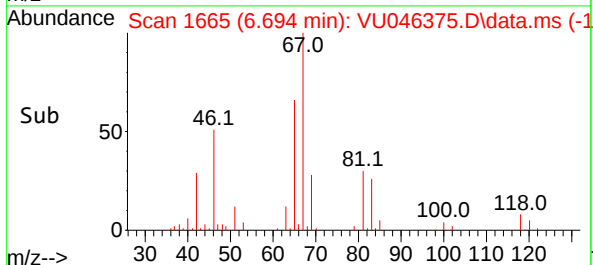
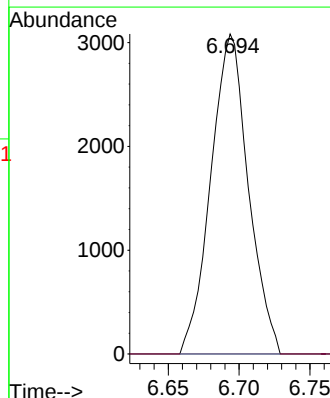
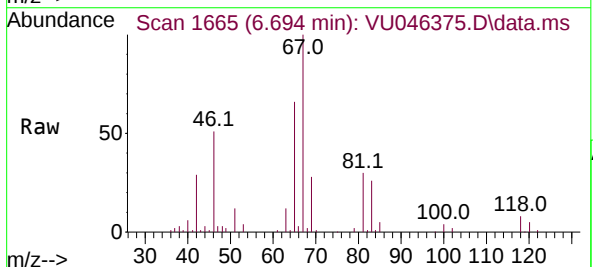
Acq: 14 Dec 2021 22:32

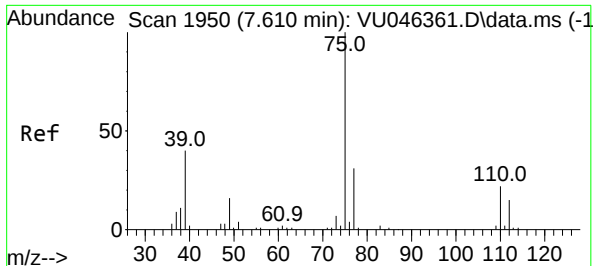
Tgt Ion: 63 Resp: 5685

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.828 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046375.D

Acq: 14 Dec 2021 22:32

Instrument :

MSVOA_U

ClientSampleId :

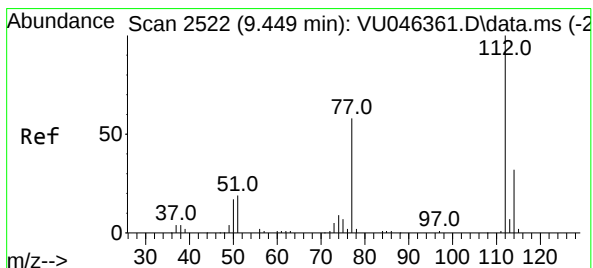
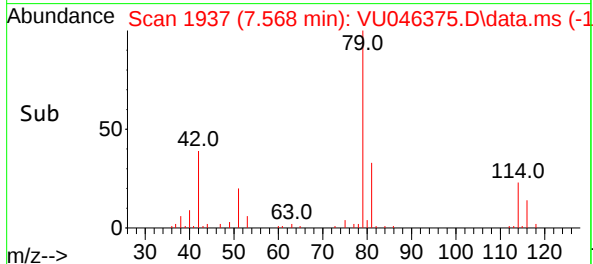
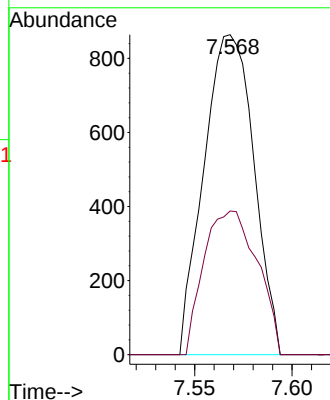
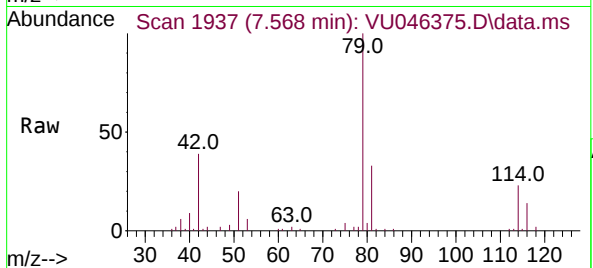
C00V5

Tgt Ion: 75 Resp: 1544

Ion Ratio Lower Upper

75 100

77 44.9 21.8 40.6#



#51

Chlorobenzene

Concen: 1.463 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046375.D

Acq: 14 Dec 2021 22:32

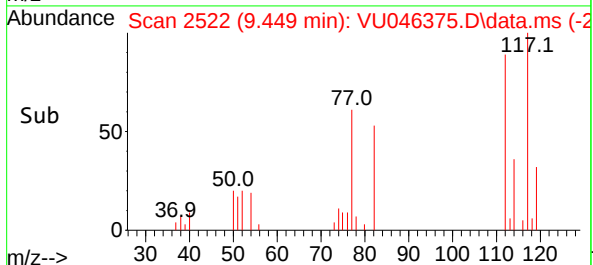
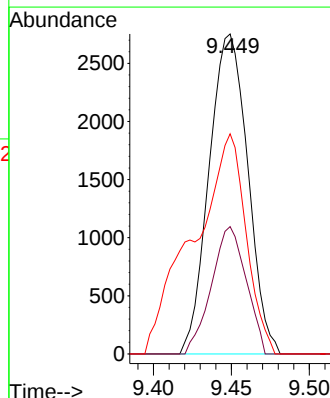
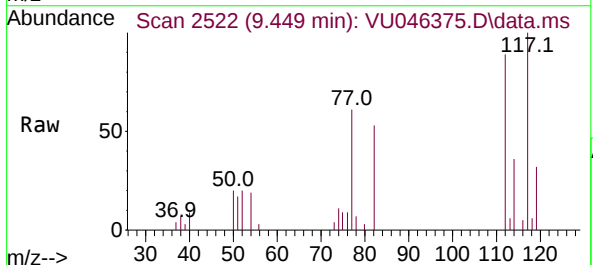
Tgt Ion: 112 Resp: 4754

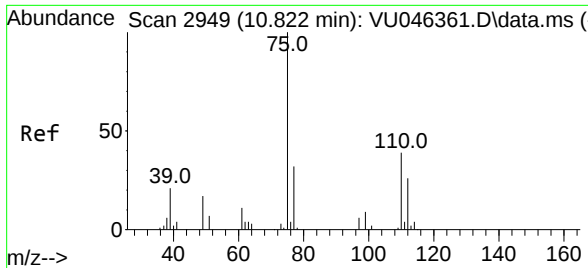
Ion Ratio Lower Upper

112 100

114 39.8 22.2 41.2

77 68.8 47.4 71.0





#60
 1,2,3-Trichloropropane
 Concen: 5.530 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046375.D
 Acq: 14 Dec 2021 22:32

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Tgt Ion: 75	Resp:	9161
Ion Ratio	Lower	Upper
75	100	
77	31.5	26.4 39.6
110	1.8	32.4 48.6#

