

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046275.D
 Acq On : 10 Dec 2021 19:00
 Operator : SY/MD
 Sample : M4943-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 22:25:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

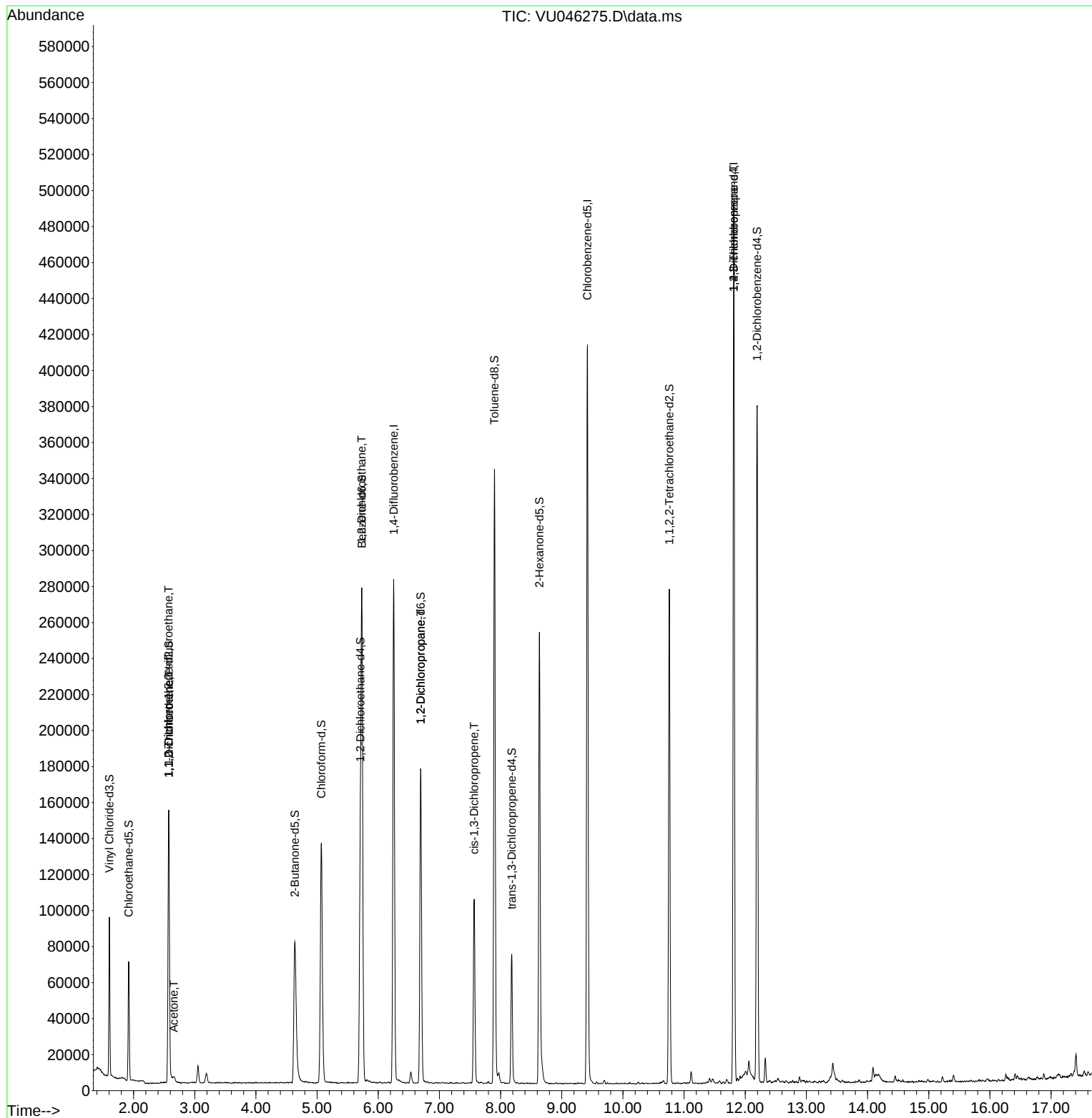
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	233992	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	242533	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	130044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61122	31.710	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.420%
7) Chloroethane-d5	1.919	69	48333	32.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.320%#
11) 1,1-Dichloroethene-d2	2.575	63	88095	25.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.920%#
21) 2-Butanone-d5	4.636	46	129434	84.472	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.470%
24) Chloroform-d	5.070	84	123946	38.506	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.020%
26) 1,2-Dichloroethane-d4	5.706	65	85530	39.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.180%
32) Benzene-d6	5.732	84	261805	37.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.320%
36) 1,2-Dichloropropane-d6	6.694	67	83458	38.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.480%
41) Toluene-d8	7.899	98	234040	36.978	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.960%#
43) trans-1,3-Dichloroprop...	8.182	79	42328	40.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.400%
47) 2-Hexanone-d5	8.636	63	91696	89.769	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.770%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	134078	41.038	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.080%
66) 1,2-Dichlorobenzene-d4	12.195	152	100621	40.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.360%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	847	0.497	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	698	0.431	ug/L #	1
13) Acetone	2.655	43	6350	3.316	ug/L	65
27) 1,2-Dichloroethane	5.729	62	1239	0.483	ug/L #	73
37) 1,2-Dichloropropane	6.694	63	9189	4.779	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2560	0.875	ug/L #	57
60) 1,2,3-Trichloropropane	11.812	75	15164	5.319	ug/L #	64

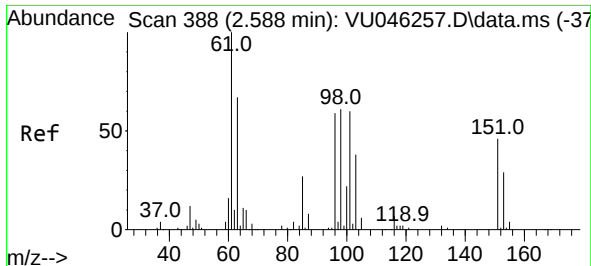
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.497 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046275.D

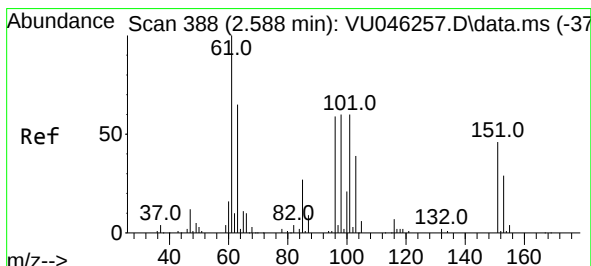
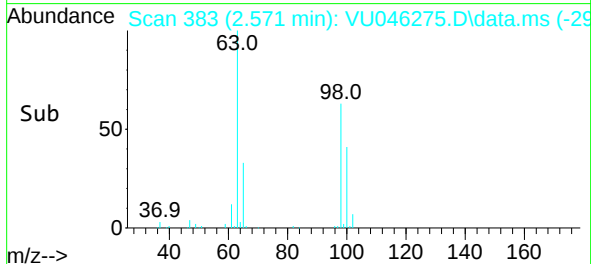
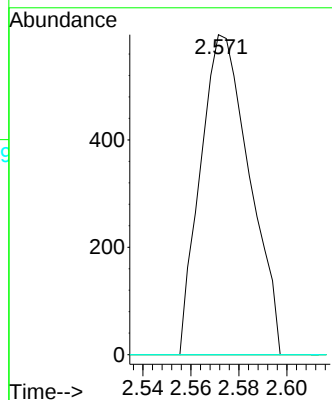
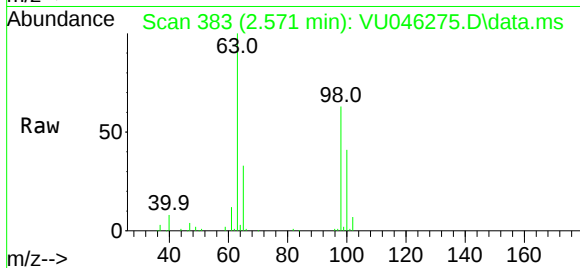
Acq: 10 Dec 2021 19:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	847
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: 0.431 ug/L

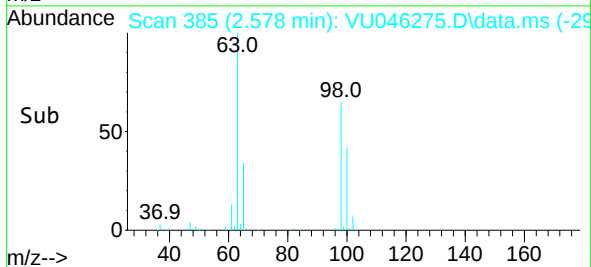
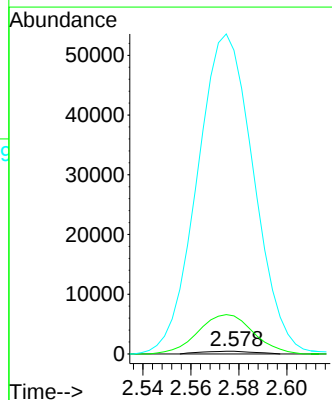
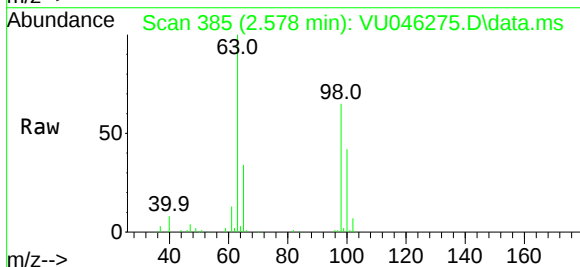
RT: 2.578 min Scan# 385

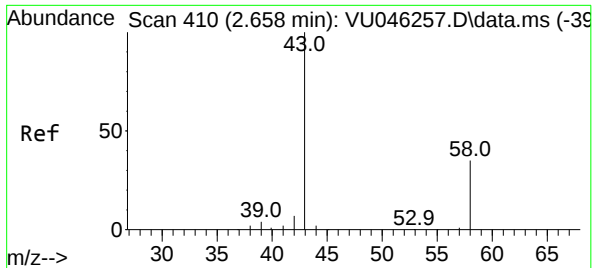
Delta R.T. -0.006 min

Lab File: VU046275.D

Acq: 10 Dec 2021 19:00

Tgt Ion:	96	Resp:	698
Ion	Ratio	Lower	Upper
96	100		
61	1429.1	118.6	220.2#
63	11371.8	93.0	172.8#





#13

Acetone

Concen: 3.316 ug/L

RT: 2.655 min Scan# 410

Delta R.T. -0.006 min

Lab File: VU046275.D

Acq: 10 Dec 2021 19:00

Instrument :

MSVOA_U

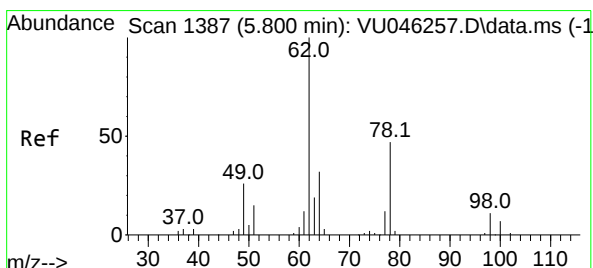
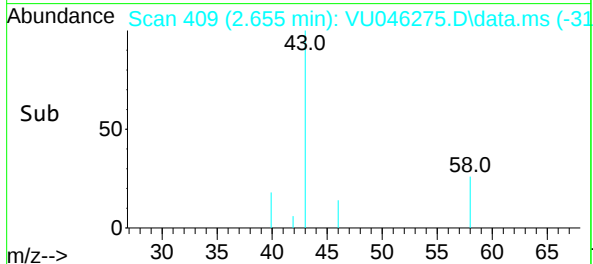
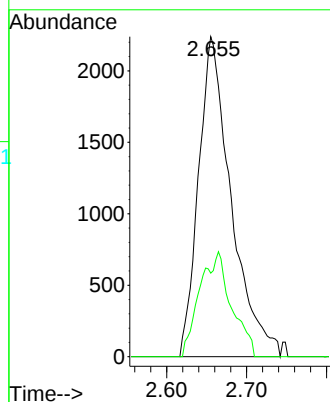
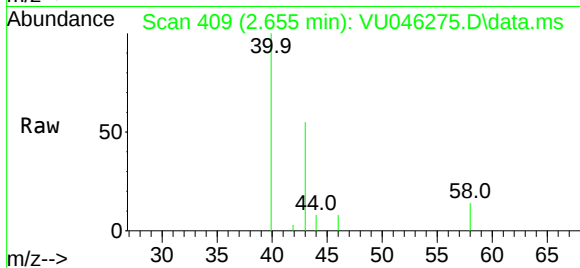
ClientSampleId :

Tgt Ion: 43 Resp: 6350

Ion Ratio Lower Upper

43 100

58 13.3 0.0 66.8



#27

1,2-Dichloroethane

Concen: 0.483 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.071 min

Lab File: VU046275.D

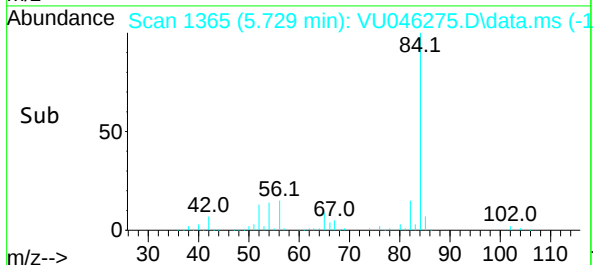
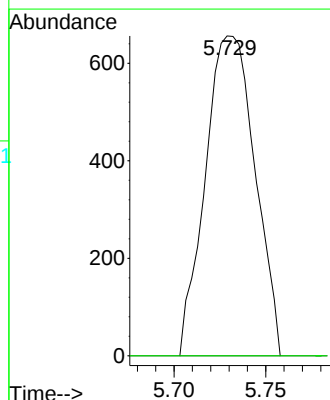
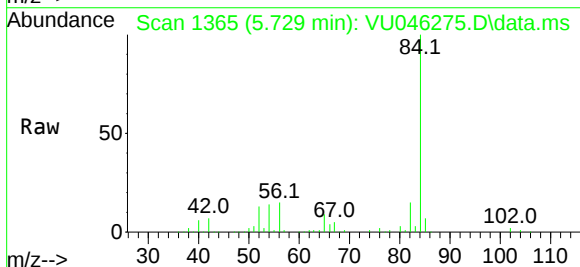
Acq: 10 Dec 2021 19:00

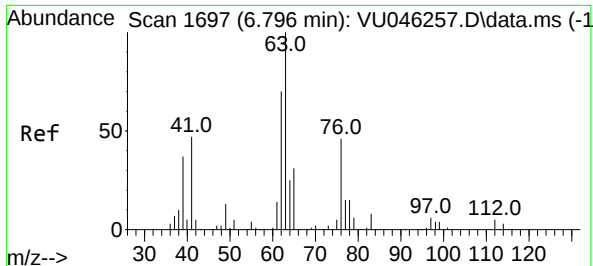
Tgt Ion: 62 Resp: 1239

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#37

1,2-Dichloropropane

Concen: 4.779 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046275.D

Acq: 10 Dec 2021 19:00

Instrument :

MSVOA_U

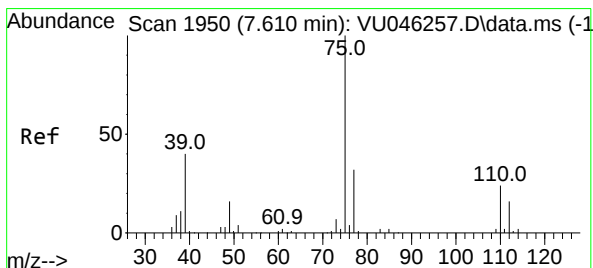
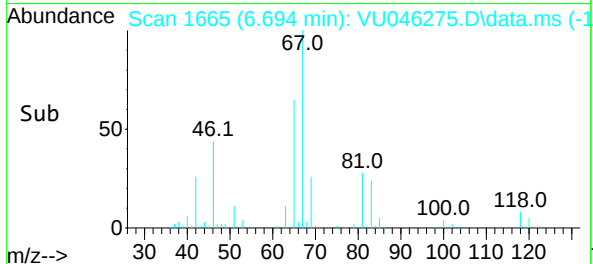
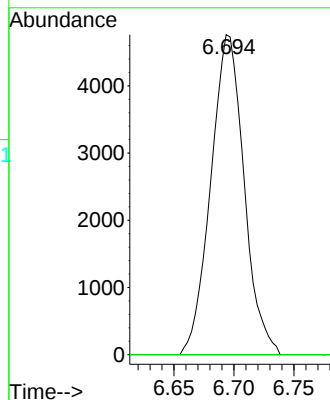
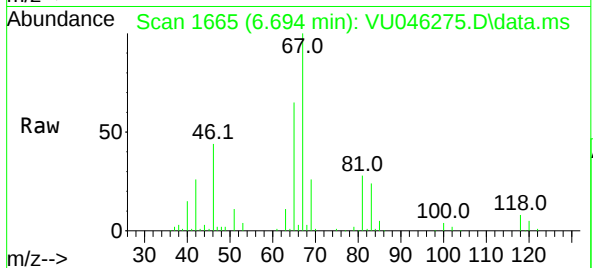
ClientSampleId :

Tgt Ion: 63 Resp: 9189

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.875 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046275.D

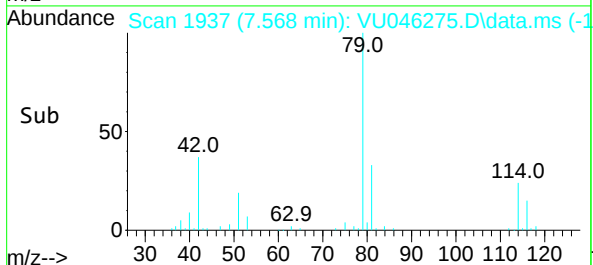
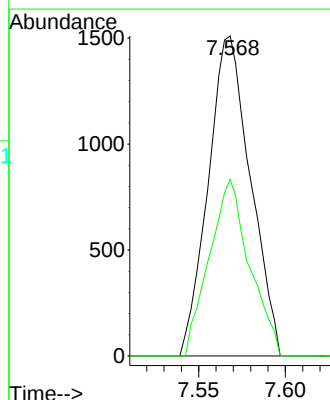
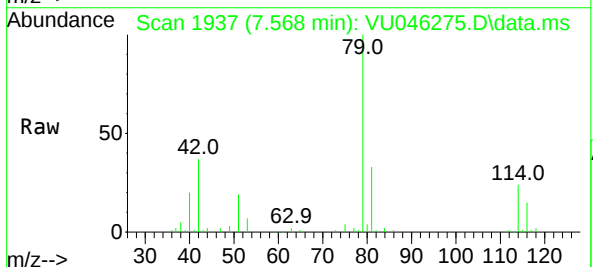
Acq: 10 Dec 2021 19:00

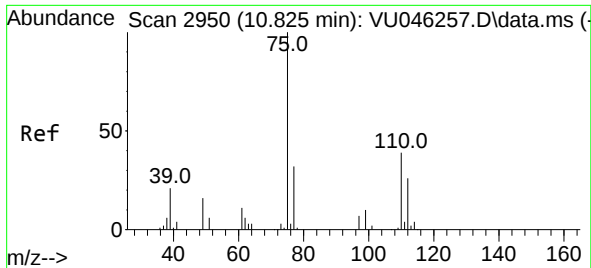
Tgt Ion: 75 Resp: 2560

Ion Ratio Lower Upper

75 100

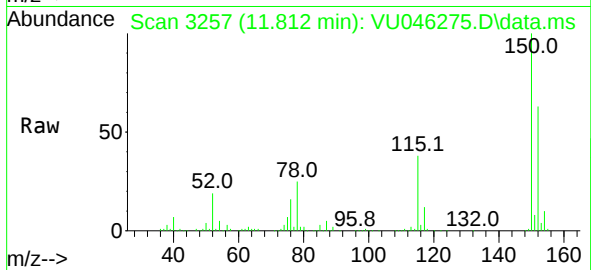
77 55.2 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.319 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046275.D
 Acq: 10 Dec 2021 19:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	15164
Ion Ratio	Lower	Upper
75	100	
77	30.2	26.4 39.6
110	2.8	32.4 48.6#

