

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046245.D
 Acq On : 10 Dec 2021 01:02
 Operator : SY/MD
 Sample : M5002-08
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:25:41 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)

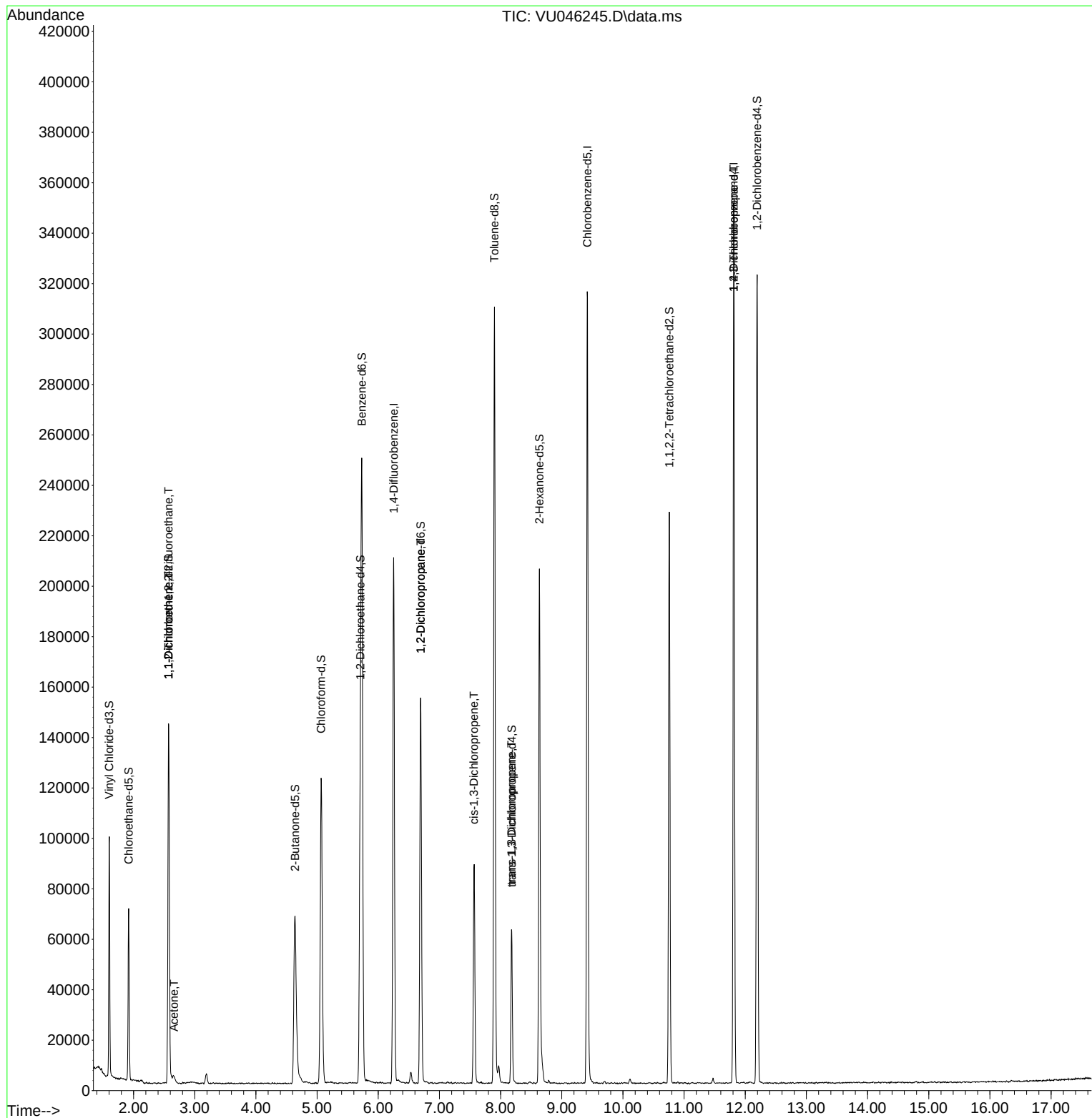
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	169802	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	176976	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	65593	46.894	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.780%		
7) Chloroethane-d5	1.919	69	49854	46.421	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.840%		
11) 1,1-Dichloroethene-d2	2.572	63	86009	34.253	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.500%		
21) 2-Butanone-d5	4.639	46	106362	95.655	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.660%		
24) Chloroform-d	5.067	84	110936	47.493	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.980%		
26) 1,2-Dichloroethane-d4	5.706	65	76604	48.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.740%		
32) Benzene-d6	5.732	84	236024	46.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.060%		
36) 1,2-Dichloropropane-d6	6.694	67	74087	47.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.260%		
41) Toluene-d8	7.899	98	206632	44.741	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.480%		
43) trans-1,3-Dichloroprop...	8.182	79	35109	46.265	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.520%		
47) 2-Hexanone-d5	8.636	63	72467	97.224	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.220%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	113127	47.451	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.900%		
66) 1,2-Dichlorobenzene-d4	12.195	152	84762	48.226	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.460%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	703	0.569	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	617	0.526	ug/L #	1
13) Acetone	2.662	43	4894	3.522	ug/L	97
37) 1,2-Dichloropropane	6.694	63	8229	5.865	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2147	1.006	ug/L #	78
44) trans-1,3-Dichloropropene	8.179	75	1459	0.696	ug/L #	82
60) 1,2,3-Trichloropropane	11.812	75	10725	5.361	ug/L #	66

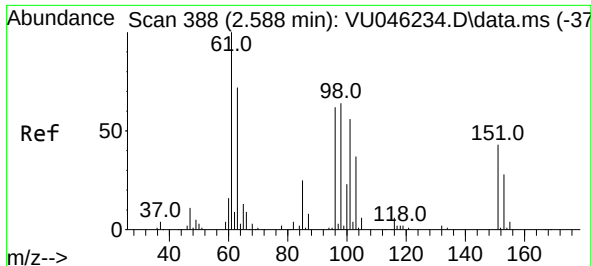
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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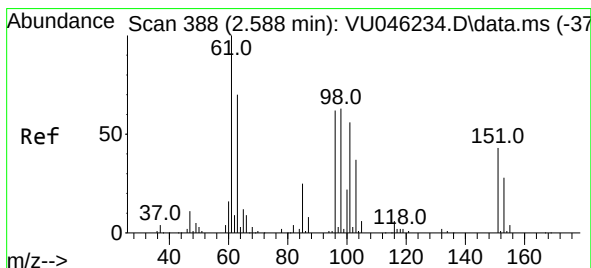
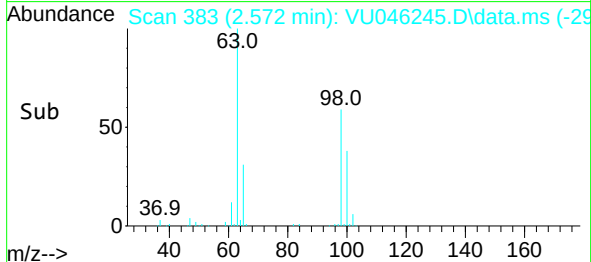
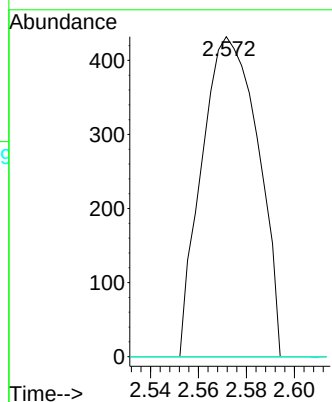
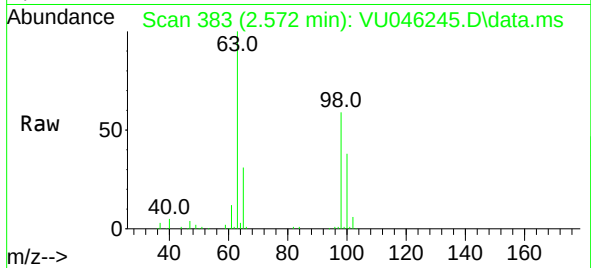




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.569 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046245.D
 Acq: 10 Dec 2021 01:02

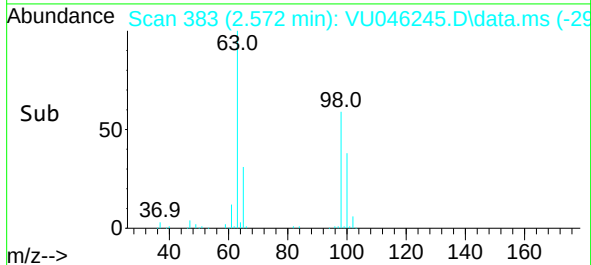
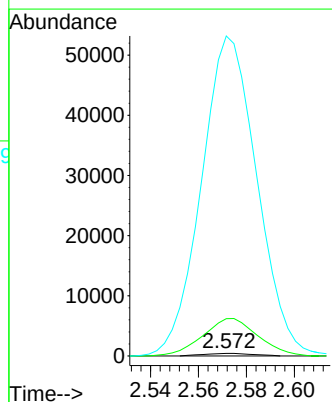
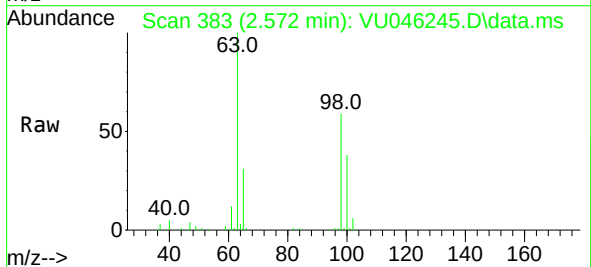
Instrument :
 MSVOA_U
 ClientSampleId :

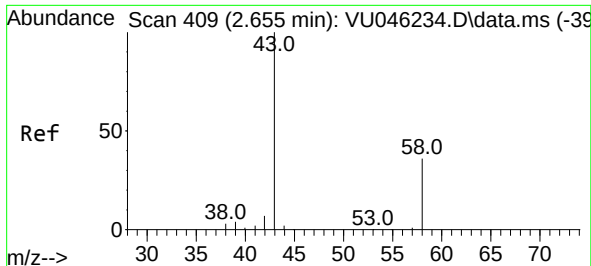
Tgt Ion:101 Resp: 703
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.526 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046245.D
 Acq: 10 Dec 2021 01:02

Tgt Ion: 96 Resp: 617
 Ion Ratio Lower Upper
 96 100
 61 1431.2 118.6 220.2#
 63 12282.7 93.0 172.8#





#13

Acetone

Concen: 3.522 ug/L

RT: 2.662 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU046245.D

Acq: 10 Dec 2021 01:02

Instrument :

MSVOA_U

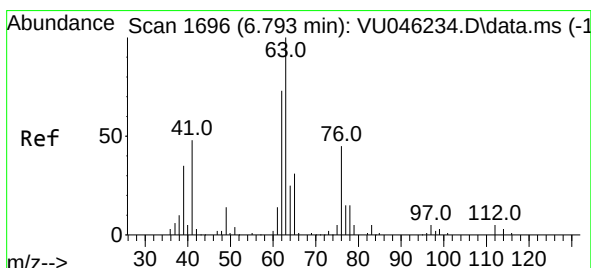
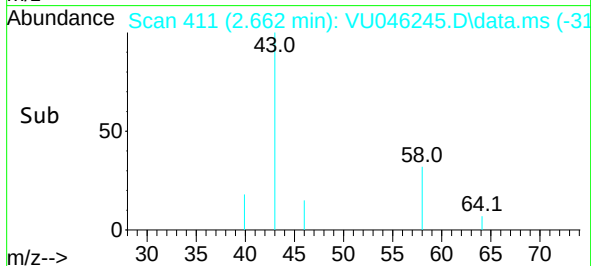
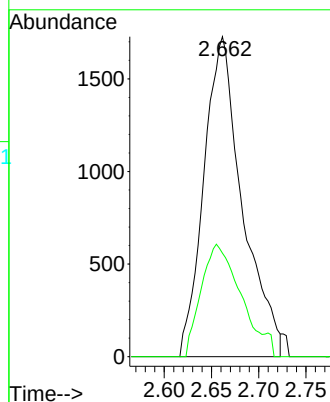
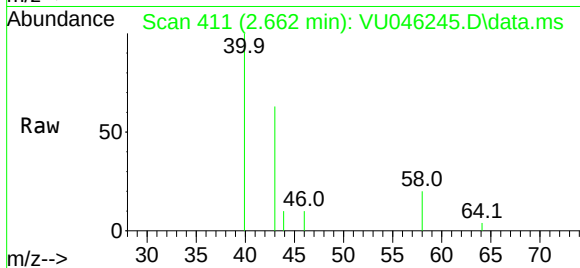
ClientSampleId :

Tgt Ion: 43 Resp: 4894

Ion Ratio Lower Upper

43 100

58 35.1 0.0 66.8



#37

1,2-Dichloropropane

Concen: 5.865 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046245.D

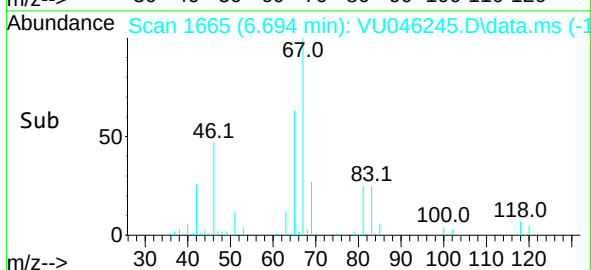
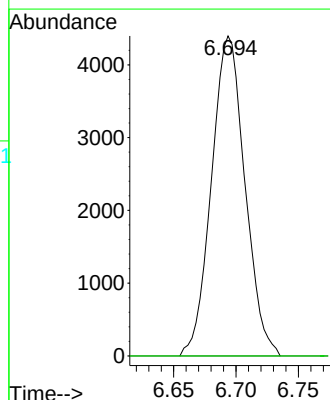
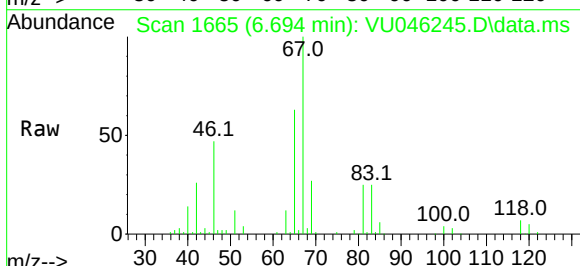
Acq: 10 Dec 2021 01:02

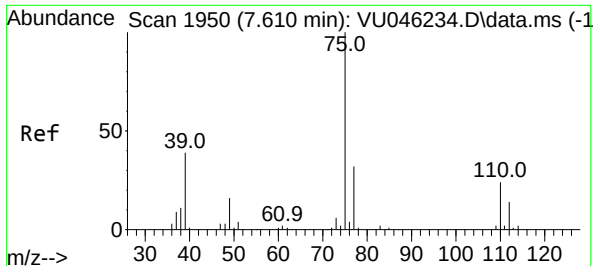
Tgt Ion: 63 Resp: 8229

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.006 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046245.D

Acq: 10 Dec 2021 01:02

Instrument :

MSVOA_U

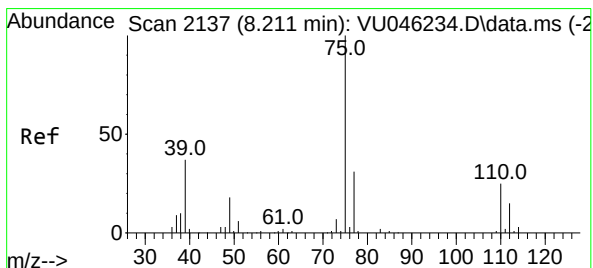
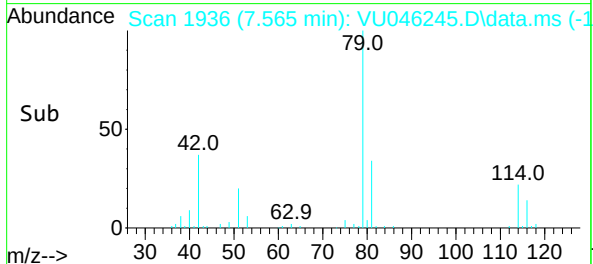
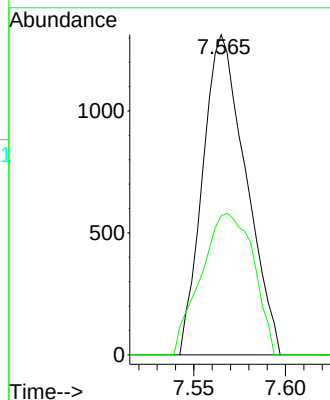
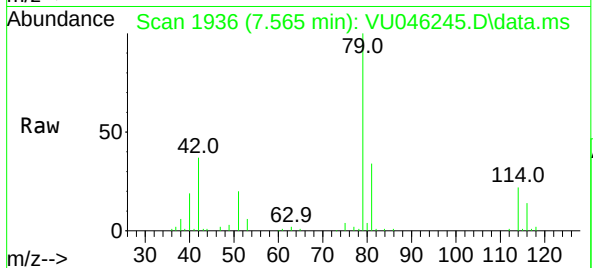
ClientSampleId :

Tgt Ion: 75 Resp: 2147

Ion Ratio Lower Upper

75 100

77 43.4 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.696 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046245.D

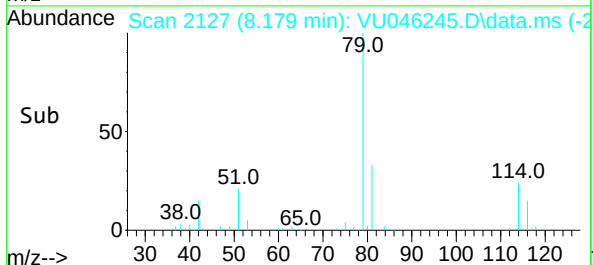
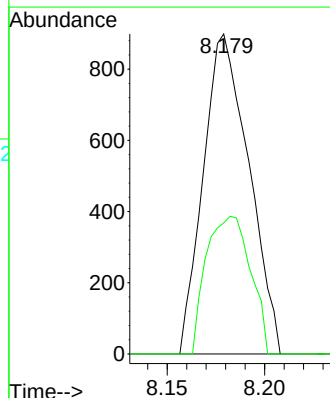
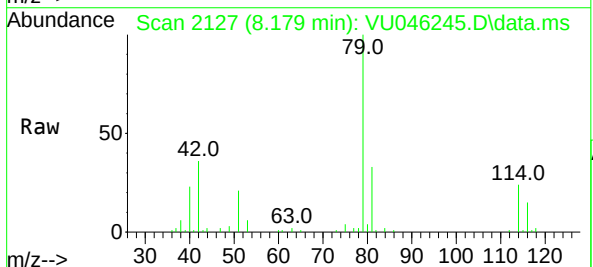
Acq: 10 Dec 2021 01:02

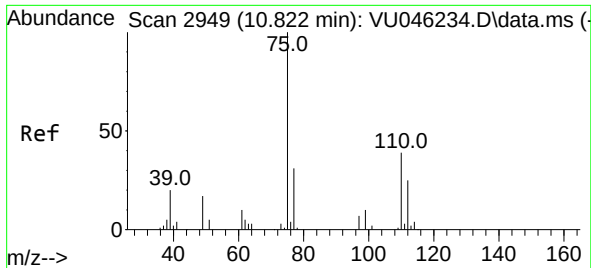
Tgt Ion: 75 Resp: 1459

Ion Ratio Lower Upper

75 100

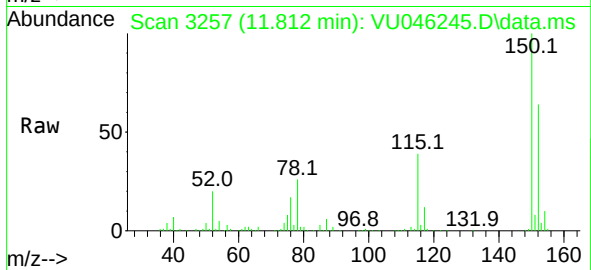
77 40.9 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.361 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046245.D
 Acq: 10 Dec 2021 01:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10725
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.4 39.6
 110 2.4 32.4 48.6#

