

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046248.D
 Acq On : 10 Dec 2021 02:09
 Operator : SY/MD
 Sample : M4982-13
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:26:01 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)

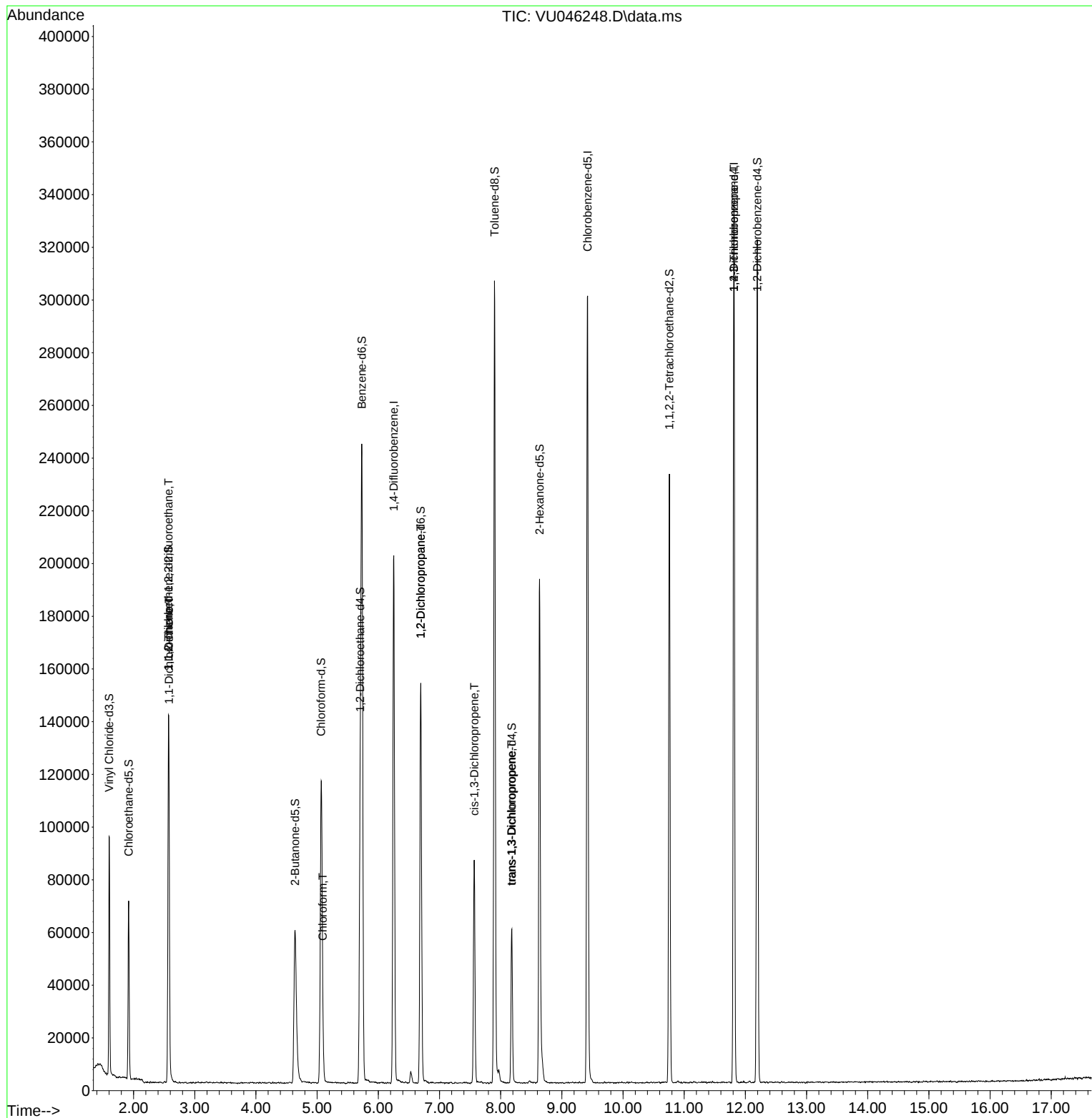
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	165373	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	174008	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88072	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	63321	46.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.960%
7) Chloroethane-d5	1.919	69	48992	46.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.680%
11) 1,1-Dichloroethene-d2	2.572	63	83759	34.250	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.500%
21) 2-Butanone-d5	4.639	46	101752	93.960	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.960%
24) Chloroform-d	5.067	84	106382	46.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.520%
26) 1,2-Dichloroethane-d4	5.703	65	74886	49.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.100%
32) Benzene-d6	5.732	84	231143	46.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
36) 1,2-Dichloropropane-d6	6.694	67	73148	47.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.640%
41) Toluene-d8	7.899	98	204345	45.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.182	79	34726	46.540	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.080%
47) 2-Hexanone-d5	8.636	63	68202	93.063	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	112219	47.873	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.740%
66) 1,2-Dichlorobenzene-d4	12.195	152	84951	50.086	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.180%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	722	0.600	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	856	0.749	ug/L #	1
25) Chloroform	5.092	83	10794	4.415	ug/L	96
37) 1,2-Dichloropropane	6.694	63	7990	5.791	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2197	1.047	ug/L #	80
44) trans-1,3-Dichloropropene	8.179	75	1412	0.685	ug/L #	68
60) 1,2,3-Trichloropropane	11.812	75	10785	5.586	ug/L #	65

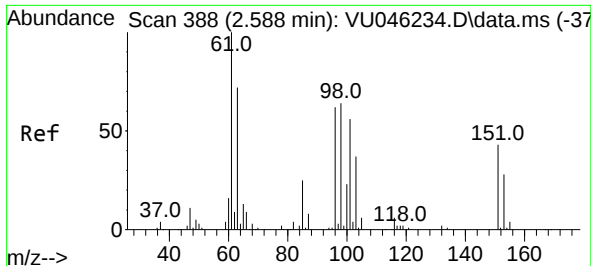
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#10

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

Concen: 0.600 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046248.D

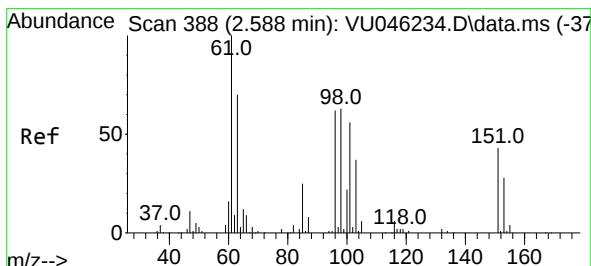
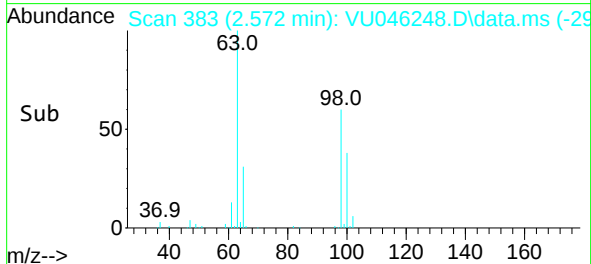
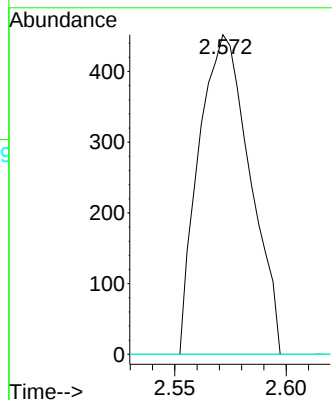
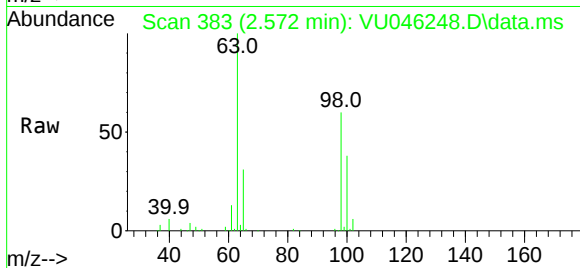
Acq: 10 Dec 2021 02:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	722
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: 0.749 ug/L

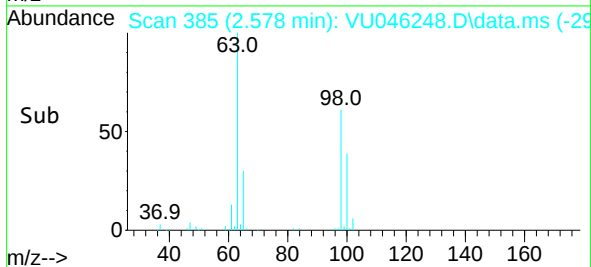
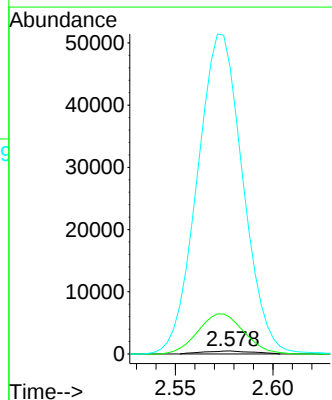
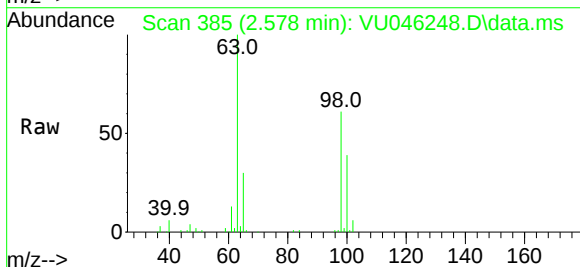
RT: 2.578 min Scan# 385

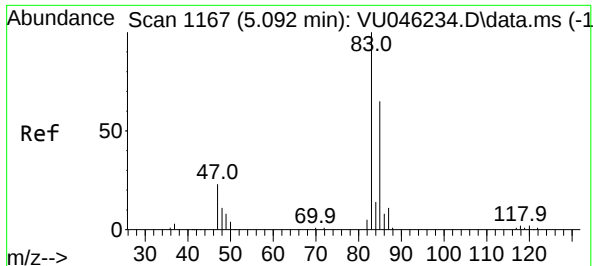
Delta R.T. -0.006 min

Lab File: VU046248.D

Acq: 10 Dec 2021 02:09

Tgt Ion:	96	Resp:	856
Ion	Ratio	Lower	Upper
96	100		
61	1193.5	118.6	220.2#
63	9396.3	93.0	172.8#





#25

Chloroform

Concen: 4.415 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046248.D

Acq: 10 Dec 2021 02:09

Instrument :

MSVOA_U

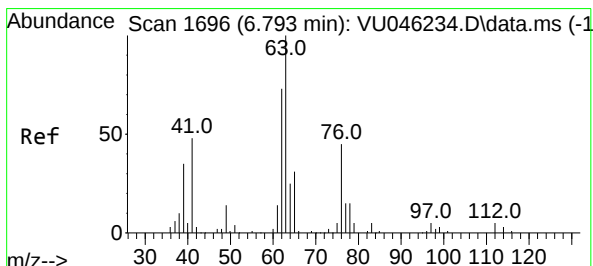
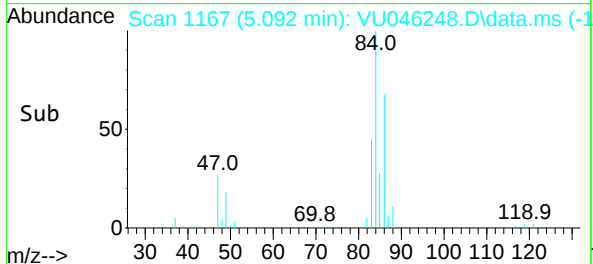
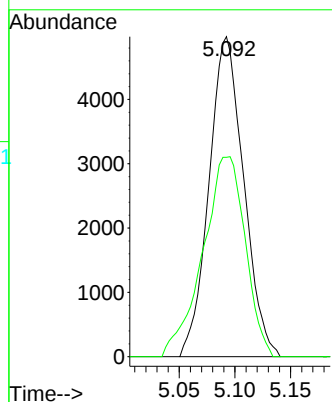
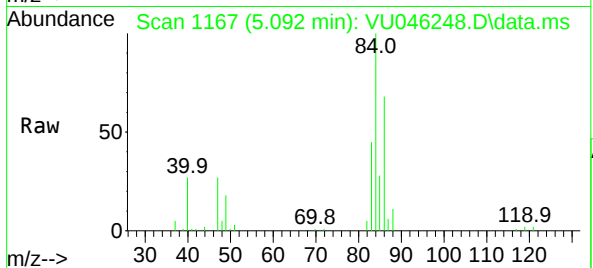
ClientSampleId :

Tgt Ion: 83 Resp: 10794

Ion Ratio Lower Upper

83 100

85 62.3 45.8 85.2



#37

1,2-Dichloropropane

Concen: 5.791 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046248.D

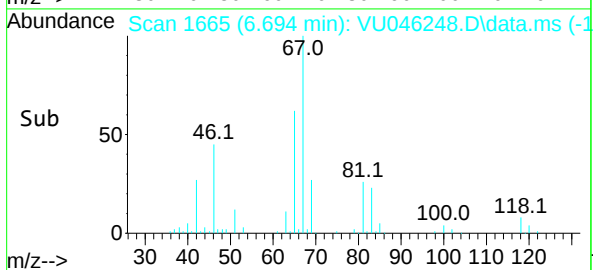
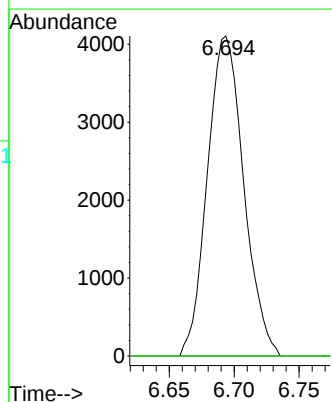
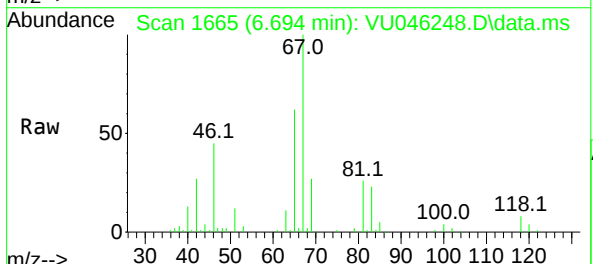
Acq: 10 Dec 2021 02:09

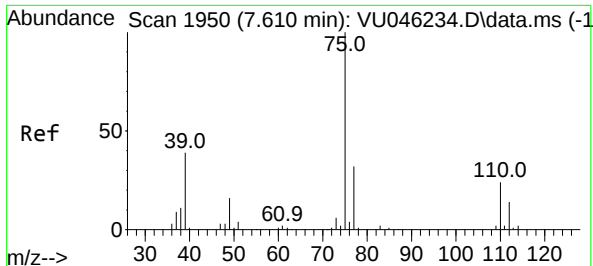
Tgt Ion: 63 Resp: 7990

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.047 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046248.D

Acq: 10 Dec 2021 02:09

Instrument :

MSVOA_U

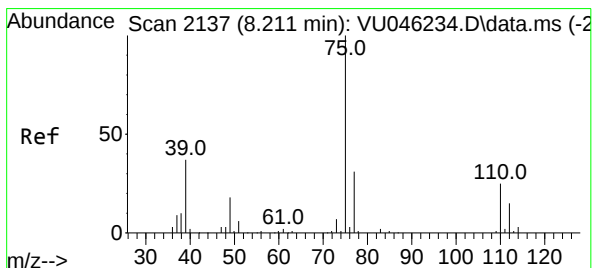
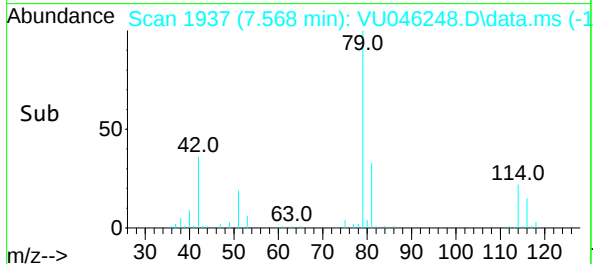
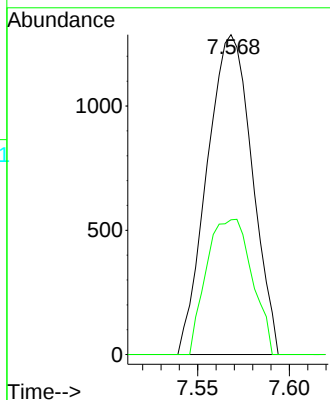
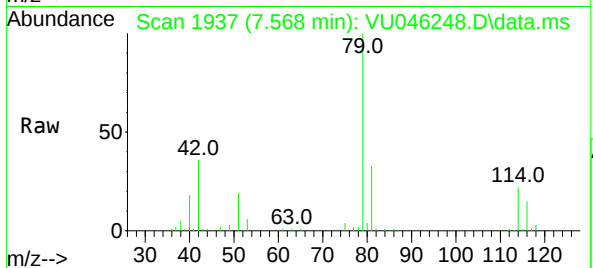
ClientSampleId :

Tgt Ion: 75 Resp: 2197

Ion Ratio Lower Upper

75 100

77 42.1 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.685 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046248.D

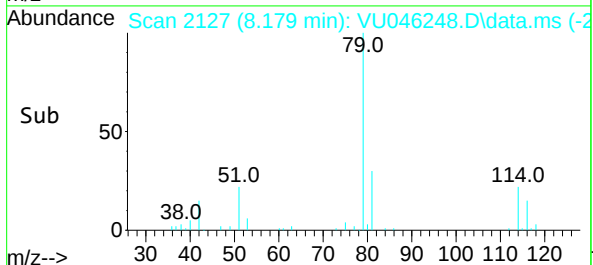
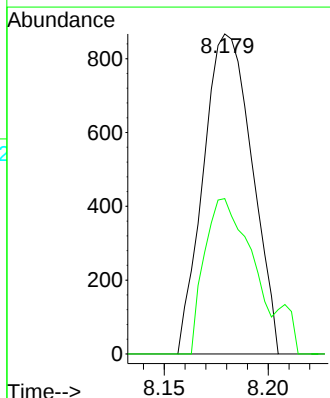
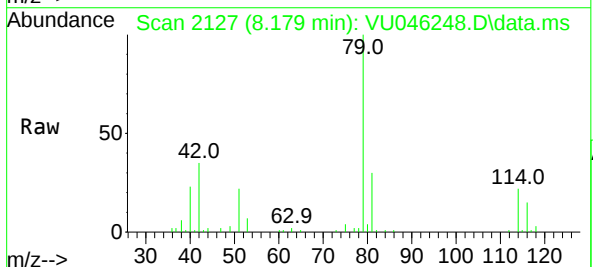
Acq: 10 Dec 2021 02:09

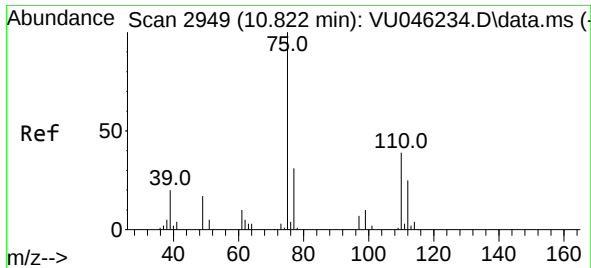
Tgt Ion: 75 Resp: 1412

Ion Ratio Lower Upper

75 100

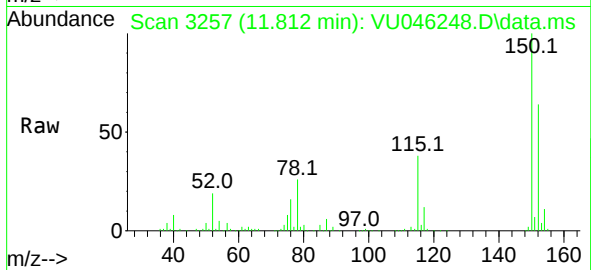
77 48.6 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.586 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046248.D
 Acq: 10 Dec 2021 02:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10785
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.4 39.6
 110 1.7 32.4 48.6#

