

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046241.D
 Acq On : 09 Dec 2021 23:33
 Operator : SY/MD
 Sample : M5002-04
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:25:13 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)

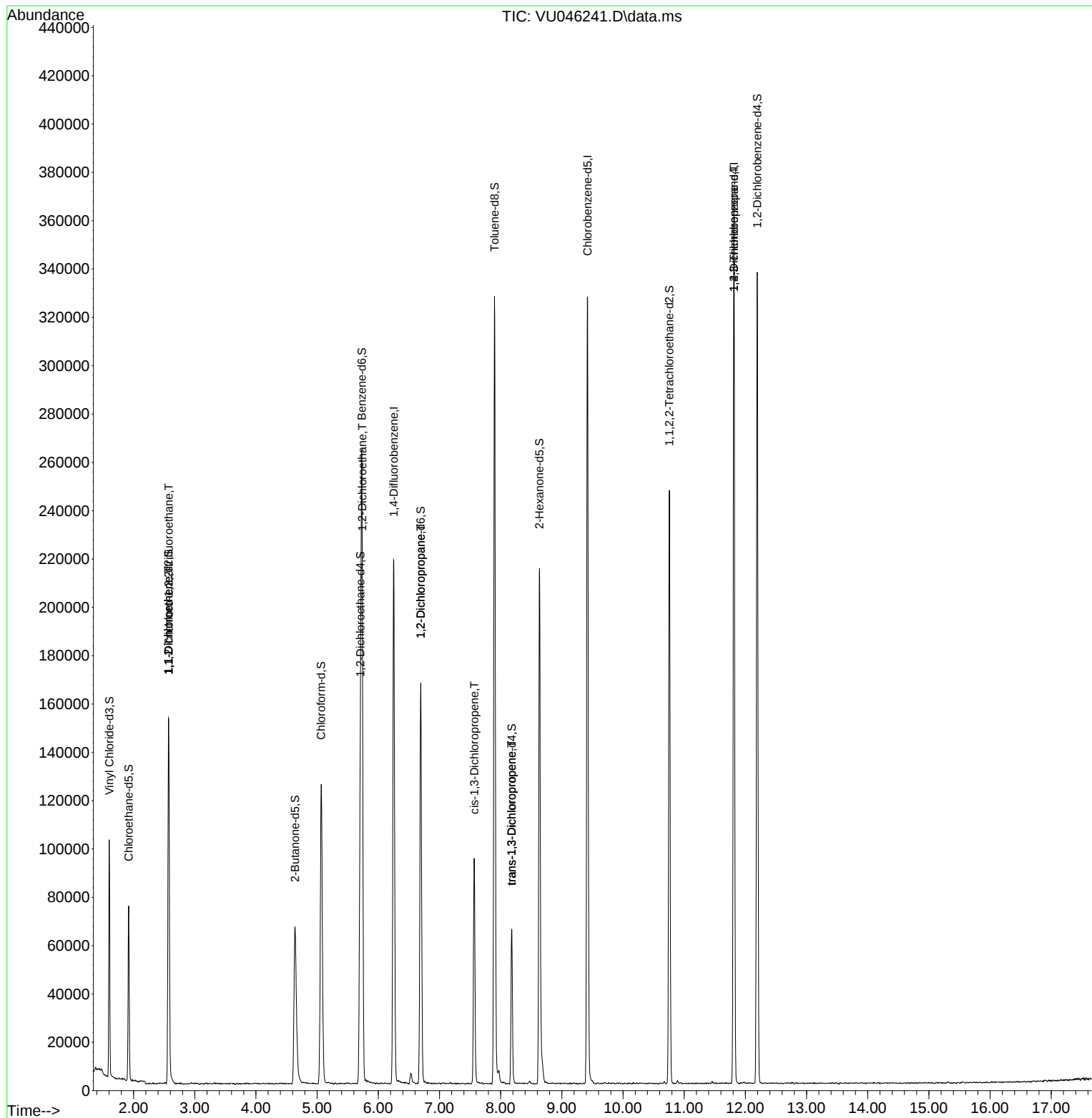
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	178482	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186771	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	69225	47.084	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.160%
7) Chloroethane-d5	1.919	69	52116	46.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.340%
11) 1,1-Dichloroethene-d2	2.572	63	91101	34.516	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.040%
21) 2-Butanone-d5	4.639	46	112681	96.410	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.410%
24) Chloroform-d	5.067	84	115893	47.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.706	65	79707	48.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.740%
32) Benzene-d6	5.732	84	247556	46.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.480%
36) 1,2-Dichloropropane-d6	6.694	67	77622	46.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.580%
41) Toluene-d8	7.899	98	219883	45.113	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.220%
43) trans-1,3-Dichloroprop...	8.182	79	38046	47.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.020%
47) 2-Hexanone-d5	8.632	63	78273	99.506	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.510%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	121818	48.417	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	90104	49.159	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.320%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	901	0.694	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	770	0.624	ug/L #	1
27) 1,2-Dichloroethane	5.739	62	1244	0.635	ug/L #	73
37) 1,2-Dichloropropane	6.694	63	8208	5.543	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2250	0.999	ug/L #	61
44) trans-1,3-Dichloropropene	8.179	75	1592	0.720	ug/L #	80
60) 1,2,3-Trichloropropane	11.812	75	11434	5.480	ug/L #	65

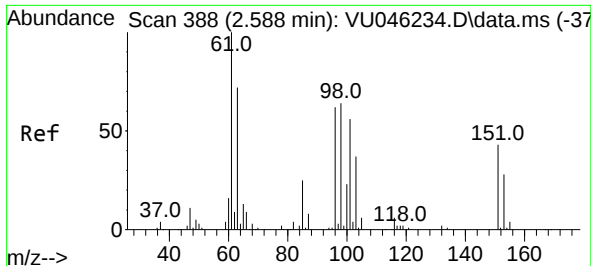
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#10

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

Concen: 0.694 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU046241.D

Acq: 09 Dec 2021 23:33

Instrument :

MSVOA_U

ClientSampleId :

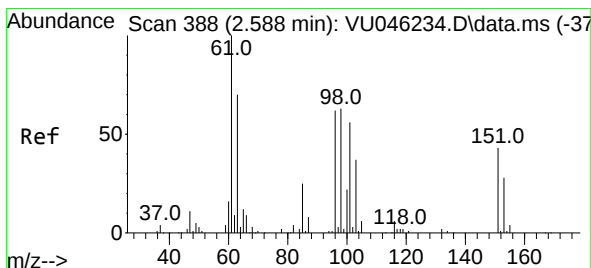
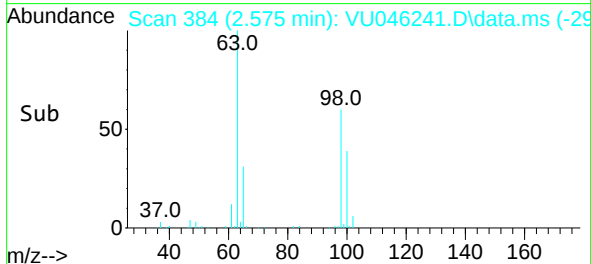
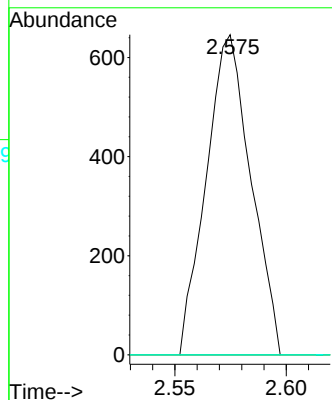
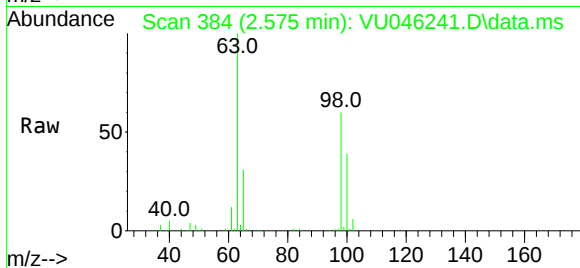
Tgt Ion:101 Resp: 901

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: 0.624 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU046241.D

Acq: 09 Dec 2021 23:33

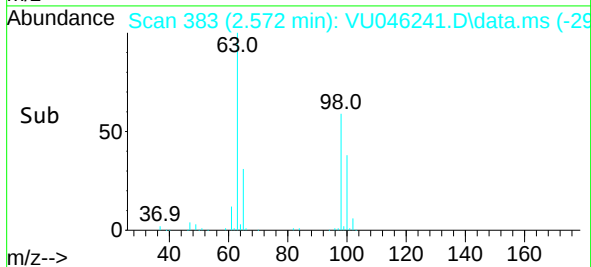
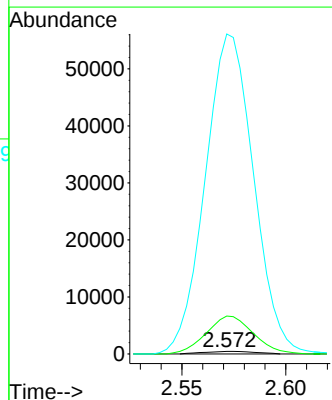
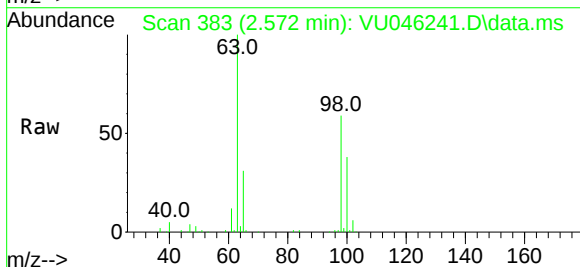
Tgt Ion: 96 Resp: 770

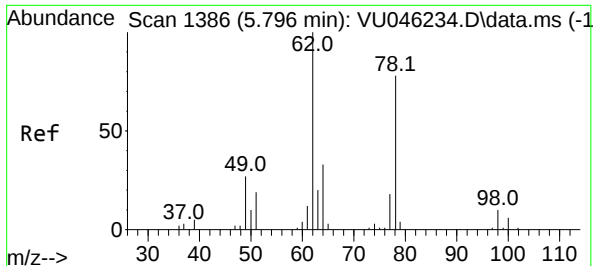
Ion Ratio Lower Upper

96 100

61 1501.1 118.6 220.2#

63 12641.4 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.635 ug/L

RT: 5.739 min Scan# 11

Delta R.T. -0.061 min

Lab File: VU046241.D

Acq: 09 Dec 2021 23:33

Instrument :

MSVOA_U

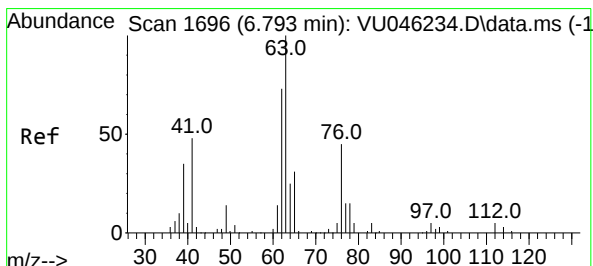
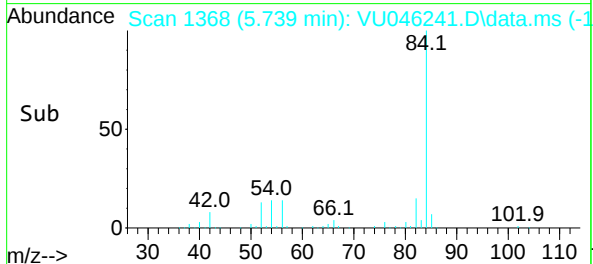
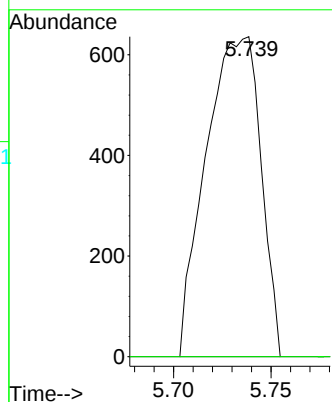
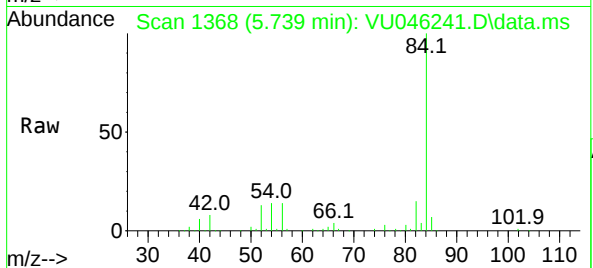
ClientSampleId :

Tgt Ion: 62 Resp: 1244

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#37

1,2-Dichloropropane

Concen: 5.543 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046241.D

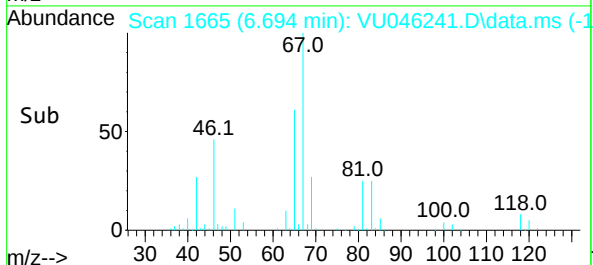
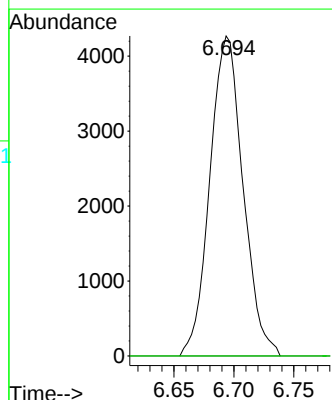
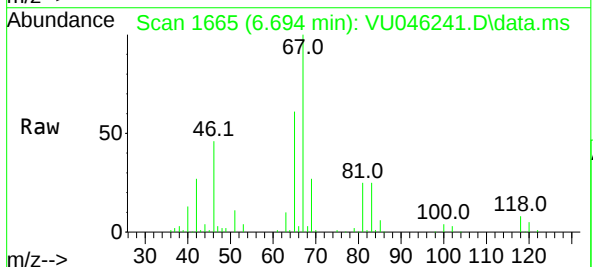
Acq: 09 Dec 2021 23:33

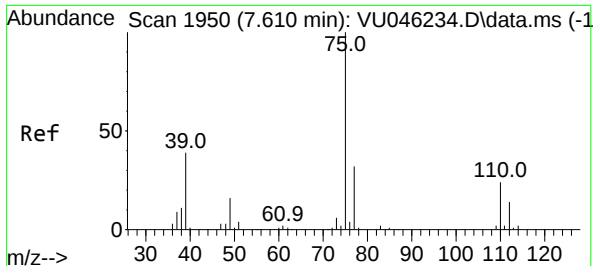
Tgt Ion: 63 Resp: 8208

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.999 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046241.D

Acq: 09 Dec 2021 23:33

Instrument :

MSVOA_U

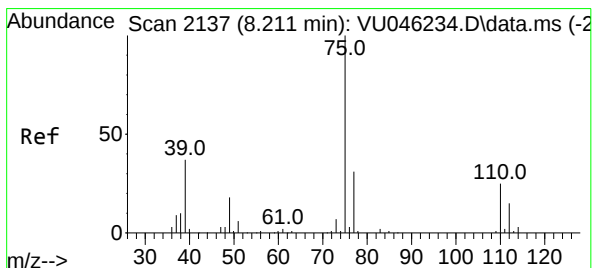
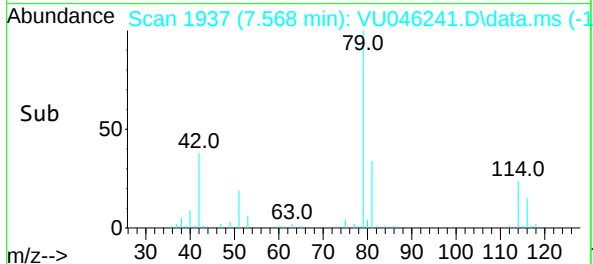
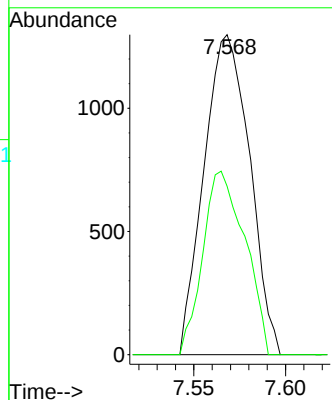
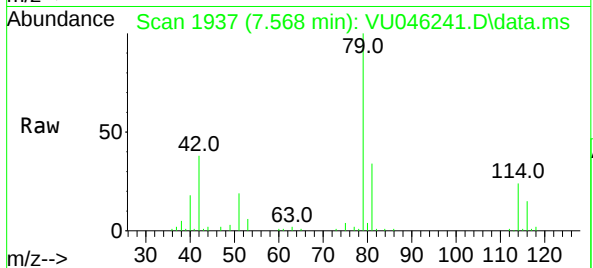
ClientSampleId :

Tgt Ion: 75 Resp: 2250

Ion Ratio Lower Upper

75 100

77 52.7 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.720 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046241.D

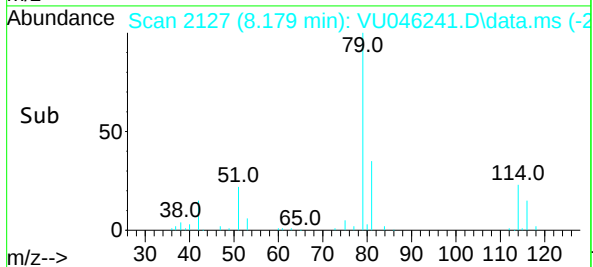
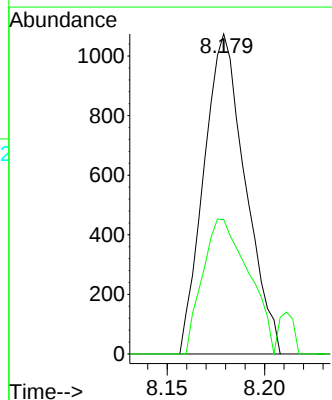
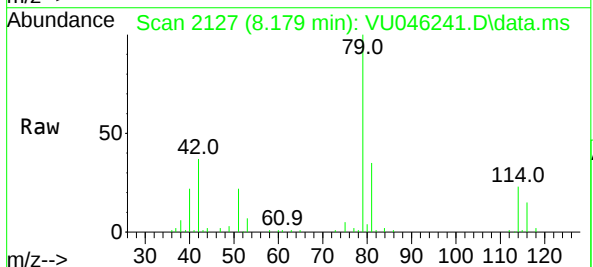
Acq: 09 Dec 2021 23:33

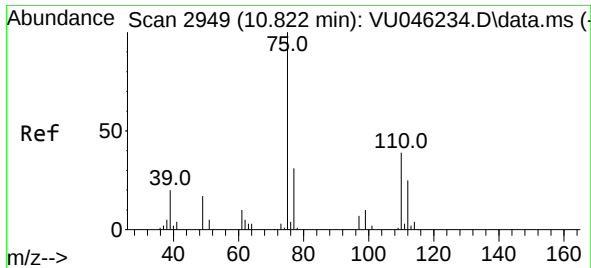
Tgt Ion: 75 Resp: 1592

Ion Ratio Lower Upper

75 100

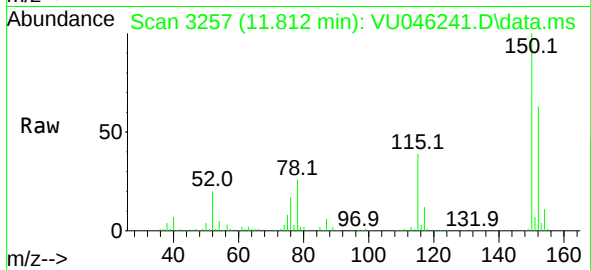
77 42.0 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.480 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046241.D
 Acq: 09 Dec 2021 23:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.4	39.6
110	2.2	32.4	48.6#

