

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051122\
 Data File : VU048525.D
 Acq On : 11 May 2022 18:25
 Operator : SY/MD
 Sample : N2790-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 03:45:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 12 03:40:41 2022
 Response via : Initial Calibration

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

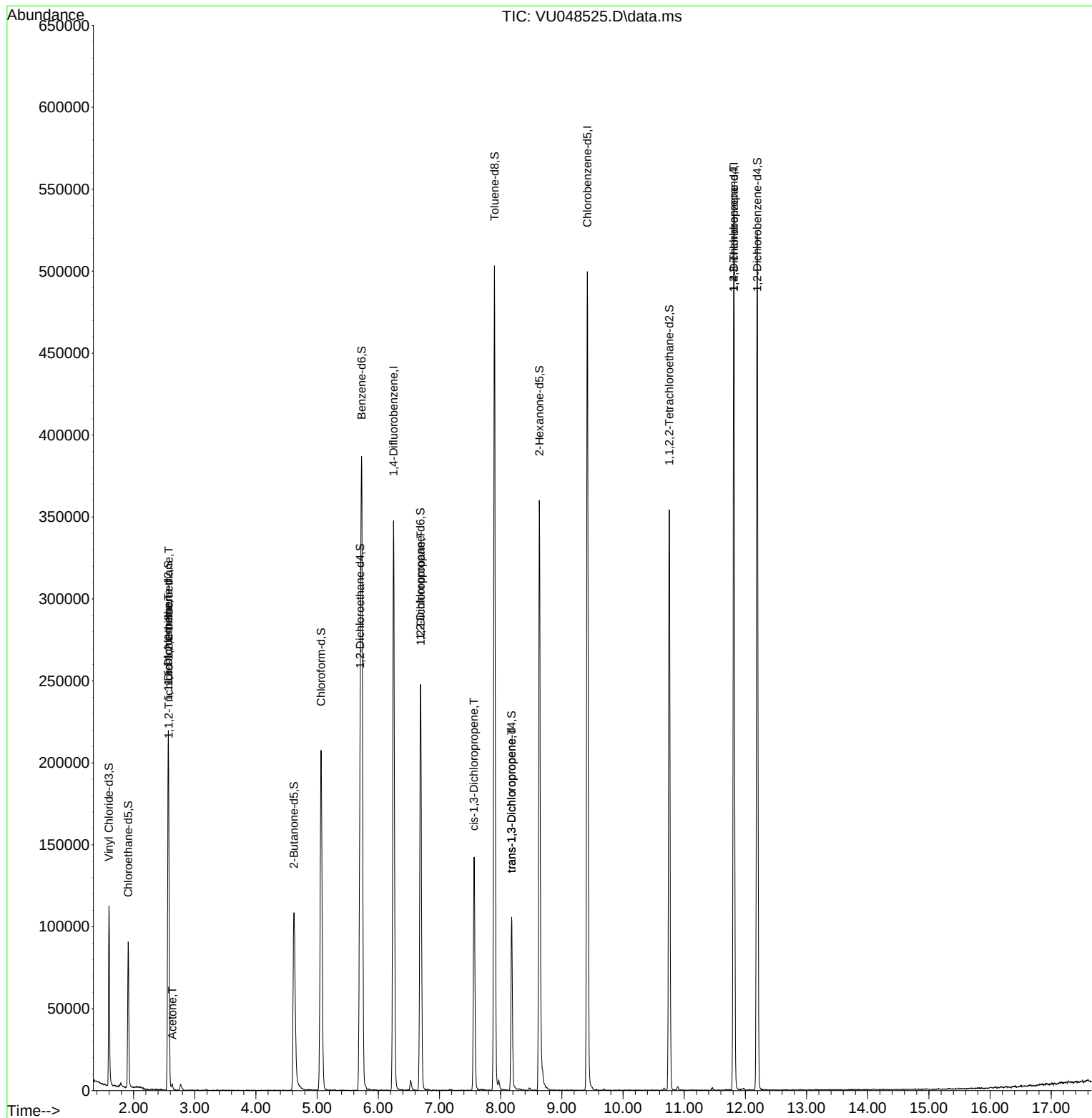
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	280720	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	278732	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	143898	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79443	32.860	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	65.720%	
7) Chloroethane-d5	1.912	69	61180	38.775	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	77.540%	
11) 1,1-Dichloroethene-d2	2.568	63	130122	30.242	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	60.480%	
21) 2-Butanone-d5	4.620	46	159375	77.407	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	77.410%	
24) Chloroform-d	5.067	84	195648	46.591	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.180%	
26) 1,2-Dichloroethane-d4	5.703	65	139255	51.015	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.040%	
32) Benzene-d6	5.729	84	358441	42.318	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.640%	
36) 1,2-Dichloropropane-d6	6.690	67	111807	40.479	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	80.960%	
41) Toluene-d8	7.899	98	329266	43.954	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.900%	
43) trans-1,3-Dichloroprop...	8.179	79	59586	46.870	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.740%	
47) 2-Hexanone-d5	8.632	63	117959	88.235	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	88.240%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	167761	39.874	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	79.740%	
66) 1,2-Dichlorobenzene-d4	12.195	152	139930	49.109	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.220%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	699	0.336	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	1067	0.542	ug/L #	1
13) Acetone	2.633	43	3832	2.469	ug/L	99
37) 1,2-Dichloropropane	6.694	63	12831	4.790	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	3813	1.001	ug/L #	60
44) trans-1,3-Dichloropropene	8.179	75	2845	0.768	ug/L	94
60) 1,2,3-Trichloropropane	11.809	75	14493	3.858	ug/L #	66

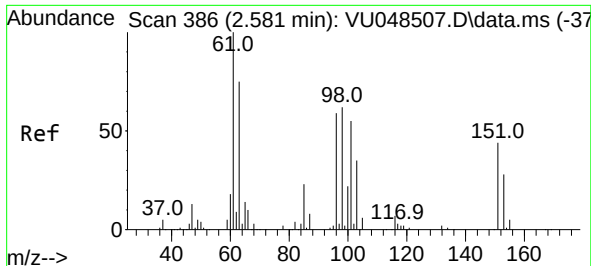
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 12 03:40:41 2022
Response via : Initial Calibration





#10

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

Concen: 0.336 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.006 min

Lab File: VU048525.D

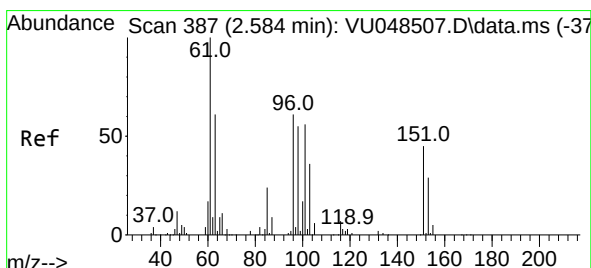
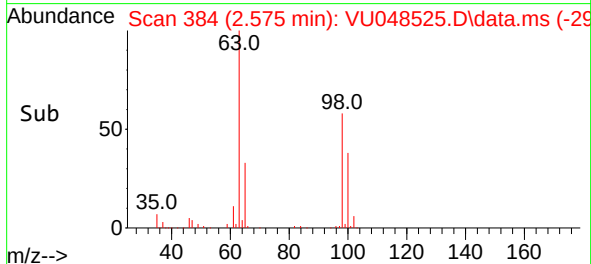
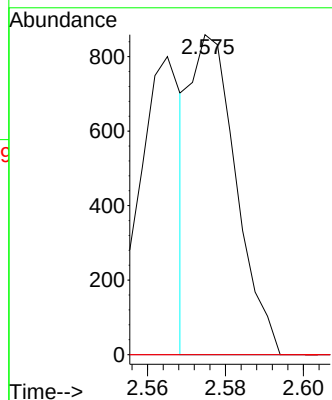
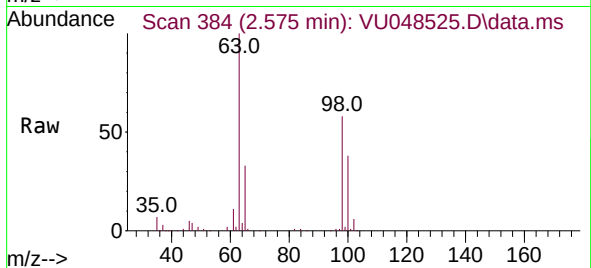
Acq: 11 May 2022 18:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	699
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	60.7	91.1#



#12

1,1-Dichloroethene

Concen: 0.542 ug/L

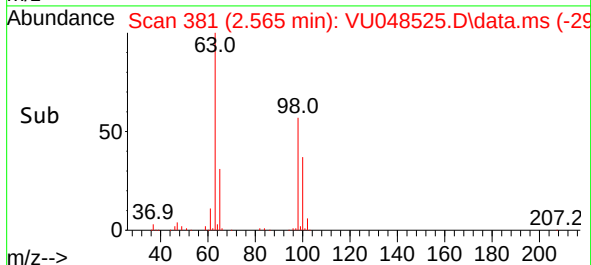
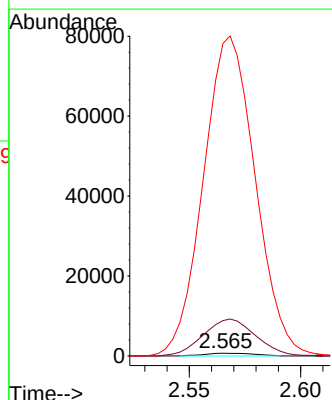
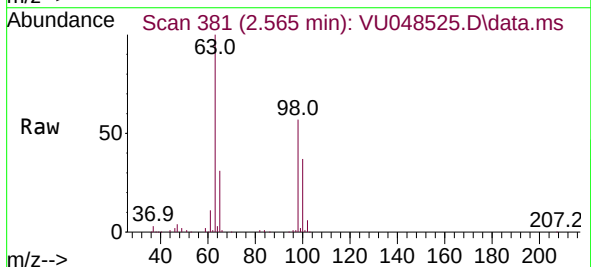
RT: 2.565 min Scan# 381

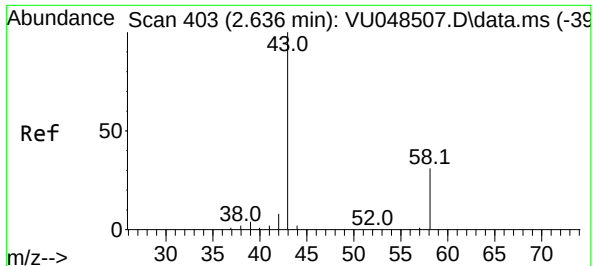
Delta R.T. -0.019 min

Lab File: VU048525.D

Acq: 11 May 2022 18:25

Tgt Ion:	96	Resp:	1067
Ion	Ratio	Lower	Upper
96	100		
61	1327.9	124.5	231.3#
63	11719.3	92.5	171.9#





#13

Acetone

Concen: 2.469 ug/L

RT: 2.633 min Scan# 403

Delta R.T. -0.003 min

Lab File: VU048525.D

Acq: 11 May 2022 18:25

Instrument :

MSVOA_U

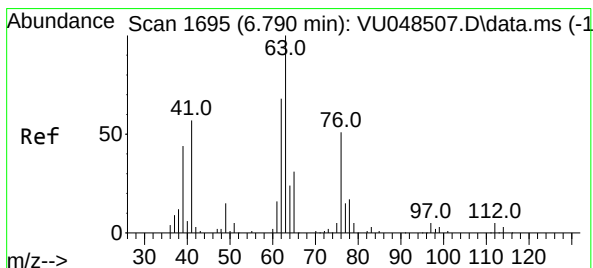
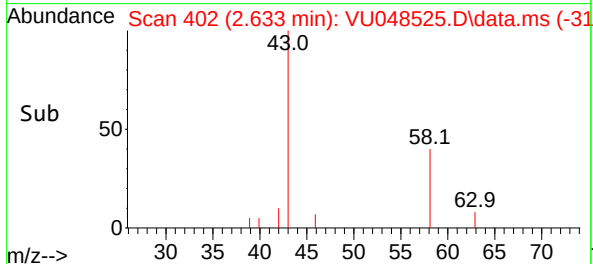
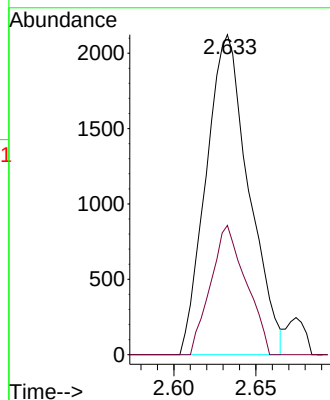
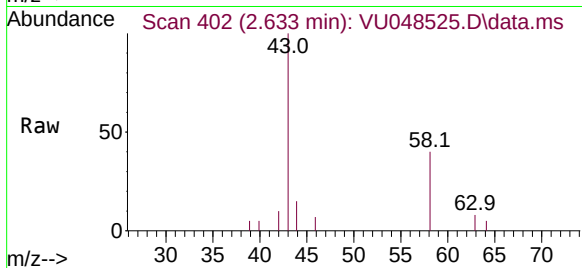
ClientSampleId :

Tgt Ion: 43 Resp: 3832

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.2



#37

1,2-Dichloropropane

Concen: 4.790 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.097 min

Lab File: VU048525.D

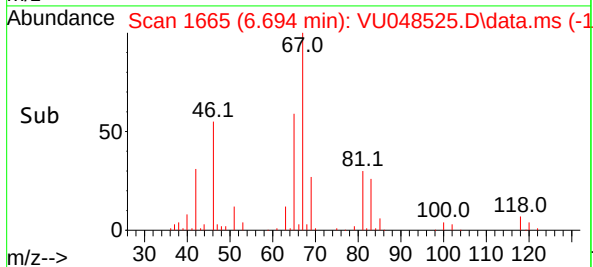
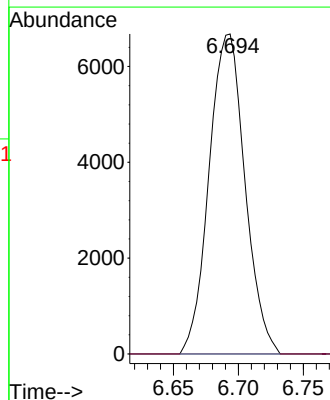
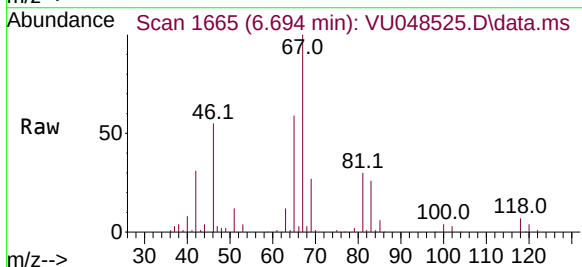
Acq: 11 May 2022 18:25

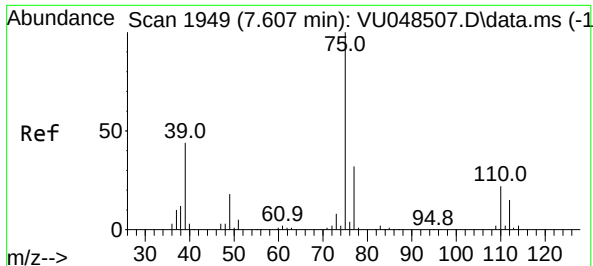
Tgt Ion: 63 Resp: 12831

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.001 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU048525.D

Acq: 11 May 2022 18:25

Instrument :

MSVOA_U

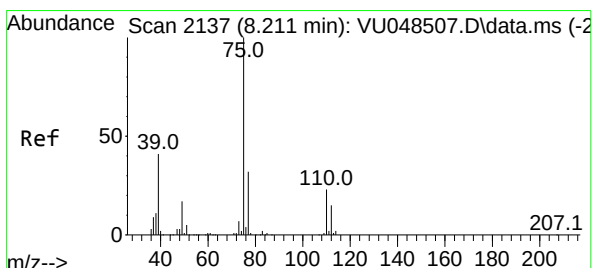
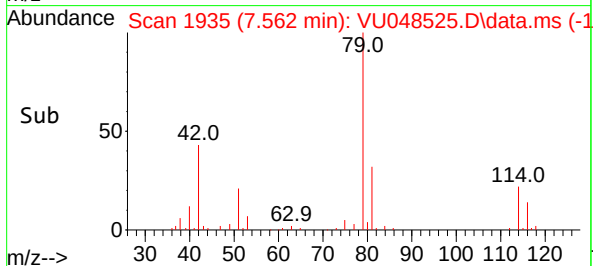
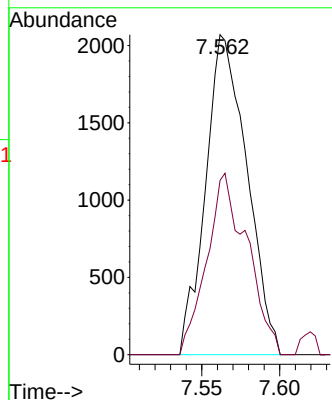
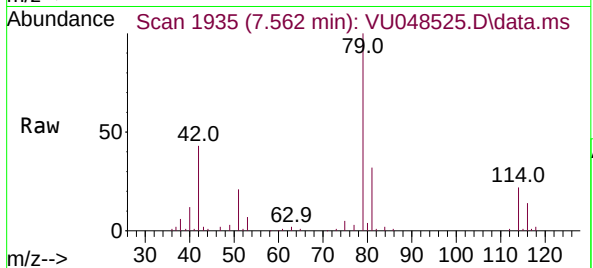
ClientSampleId :

Tgt Ion: 75 Resp: 3813

Ion Ratio Lower Upper

75 100

77 54.4 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.768 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048525.D

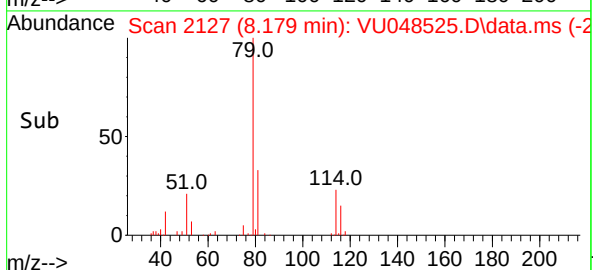
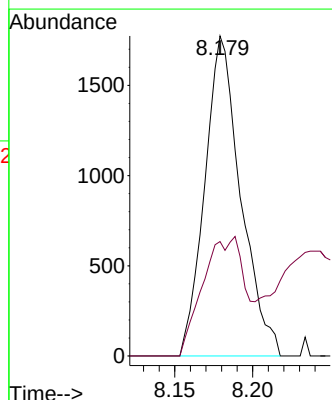
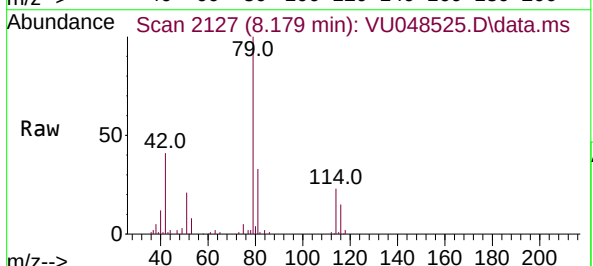
Acq: 11 May 2022 18:25

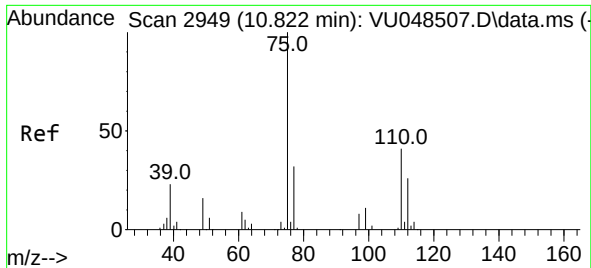
Tgt Ion: 75 Resp: 2845

Ion Ratio Lower Upper

75 100

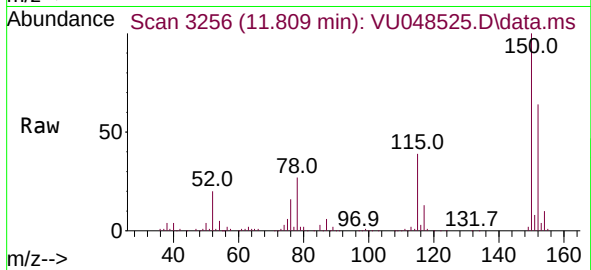
77 35.7 22.6 42.0





#60
 1,2,3-Trichloropropane
 Concen: 3.858 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048525.D
 Acq: 11 May 2022 18:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.5	38.3
110	2.9	28.9	43.3

