

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051122\
 Data File : VU048527.D
 Acq On : 11 May 2022 19:12
 Operator : SY/MD
 Sample : N2790-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 03:45:40 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)

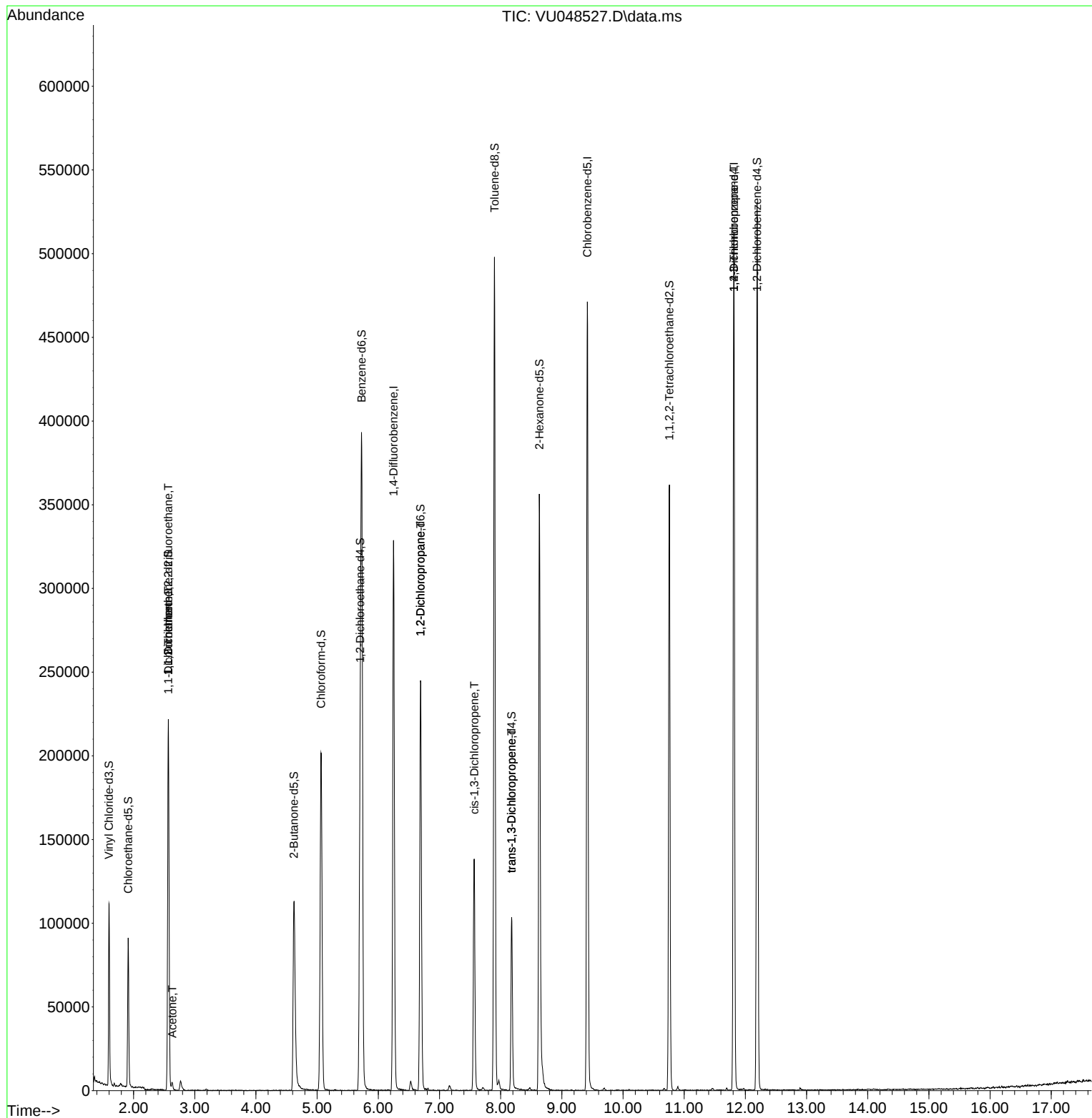
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	262353	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	264192	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	138080	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78102	34.567	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.140%
7) Chloroethane-d5	1.912	69	62072	42.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.180%
11) 1,1-Dichloroethene-d2	2.568	63	130603	32.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.960%
21) 2-Butanone-d5	4.620	46	162067	84.225	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.220%
24) Chloroform-d	5.063	84	192355	49.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.020%
26) 1,2-Dichloroethane-d4	5.703	65	139417	54.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.300%
32) Benzene-d6	5.729	84	355323	44.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.520%
36) 1,2-Dichloropropane-d6	6.690	67	108903	41.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.200%
41) Toluene-d8	7.899	98	322871	45.473	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.940%
43) trans-1,3-Dichloroprop...	8.179	79	59930	49.736	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.480%
47) 2-Hexanone-d5	8.632	63	120724	95.274	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.270%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	167405	41.979	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.960%
66) 1,2-Dichlorobenzene-d4	12.192	152	139447	51.001	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1149	0.591	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	917	0.499	ug/L #	1
13) Acetone	2.633	43	4809	3.315	ug/L	93
37) 1,2-Dichloropropane	6.690	63	13479	5.309	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4005	1.109	ug/L #	70
44) trans-1,3-Dichloropropene	8.179	75	2837	0.808	ug/L	92
60) 1,2,3-Trichloropropane	11.812	75	14271	3.959	ug/L #	67

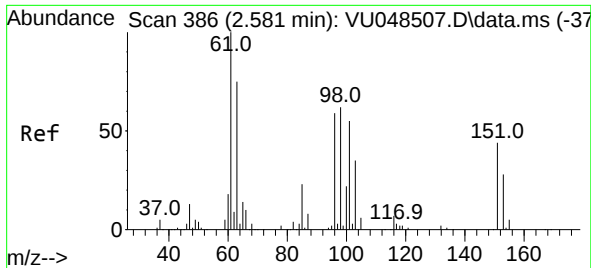
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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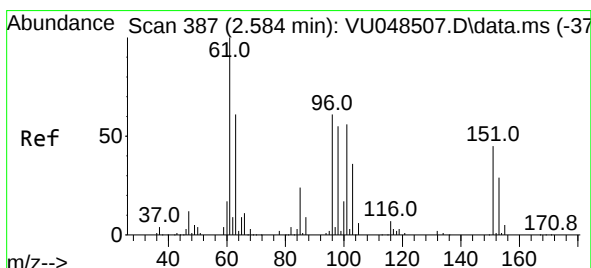
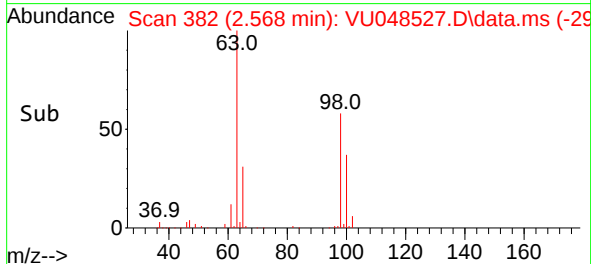
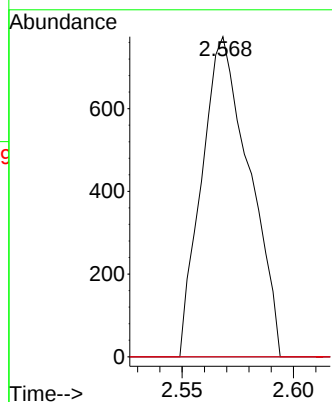
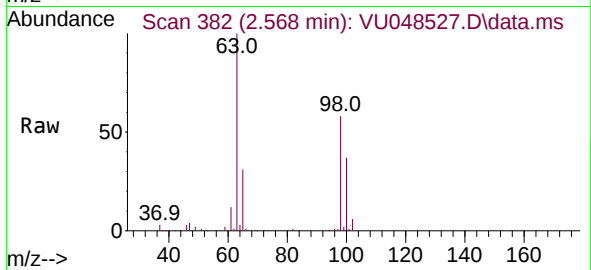




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.591 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU048527.D
Acq: 11 May 2022 19:12

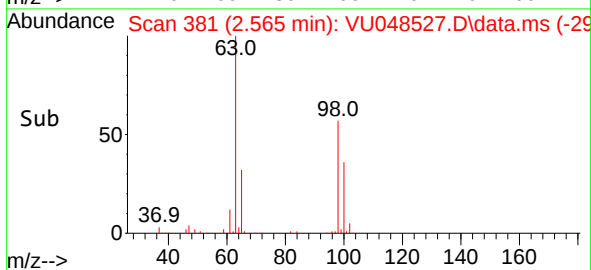
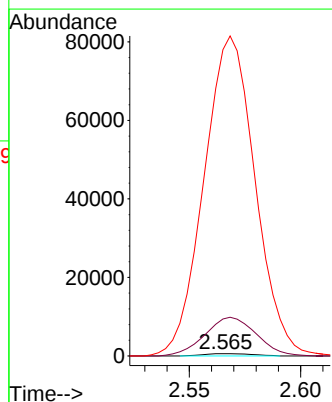
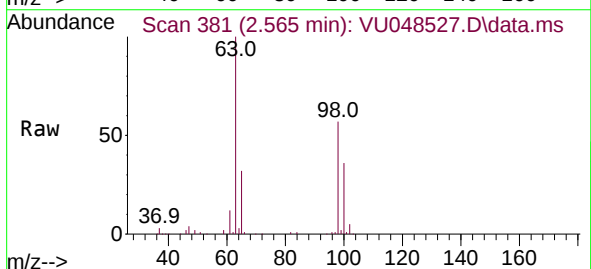
Instrument :
MSVOA_U
ClientSampleId :

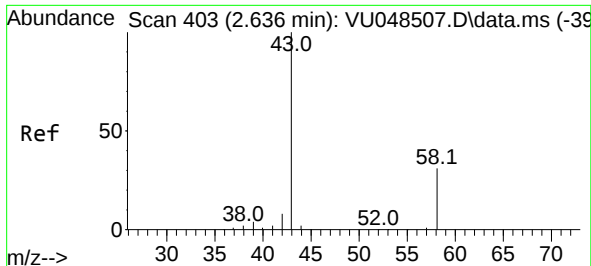
Tgt Ion:101 Resp: 1149
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 60.7 91.1#



#12
1,1-Dichloroethene
Concen: 0.499 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.019 min
Lab File: VU048527.D
Acq: 11 May 2022 19:12

Tgt Ion: 96 Resp: 917
Ion Ratio Lower Upper
96 100
61 1680.6 124.5 231.3#
63 13900.9 92.5 171.9#





#13

Acetone

Concen: 3.315 ug/L

RT: 2.633 min Scan# 40

Delta R.T. -0.003 min

Lab File: VU048527.D

Acq: 11 May 2022 19:12

Instrument :

MSVOA_U

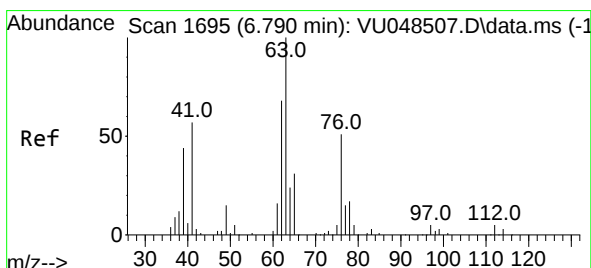
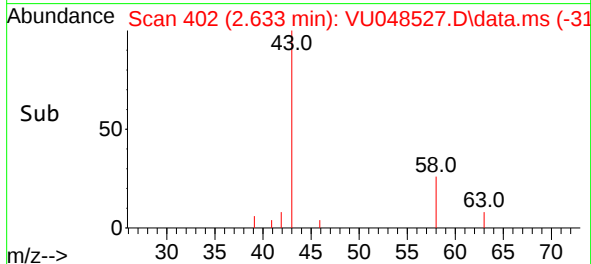
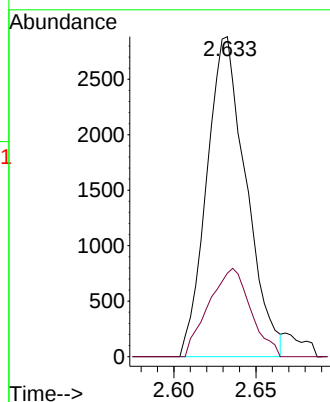
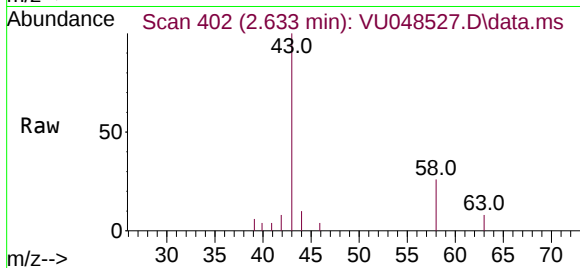
ClientSampleId :

Tgt Ion: 43 Resp: 4809

Ion Ratio Lower Upper

43 100

58 29.4 0.0 66.2



#37

1,2-Dichloropropane

Concen: 5.309 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU048527.D

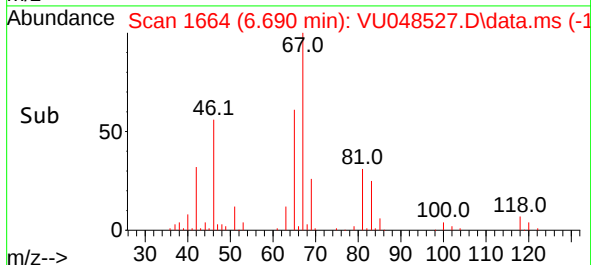
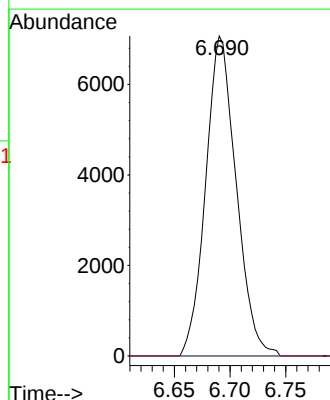
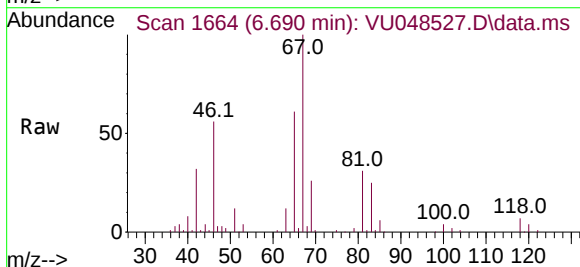
Acq: 11 May 2022 19:12

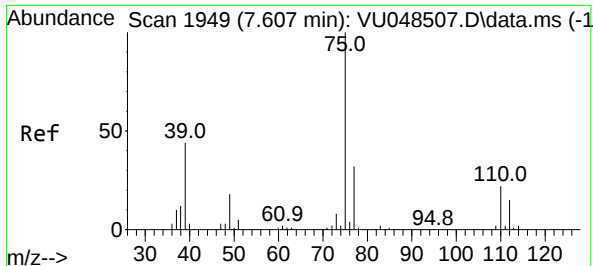
Tgt Ion: 63 Resp: 13479

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.109 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048527.D

Acq: 11 May 2022 19:12

Instrument :

MSVOA_U

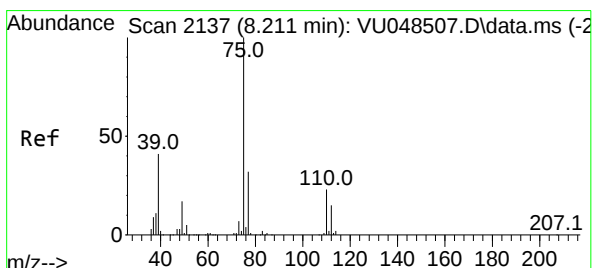
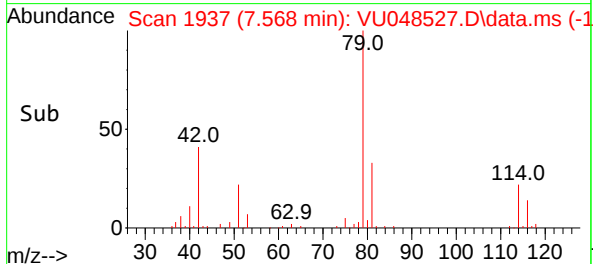
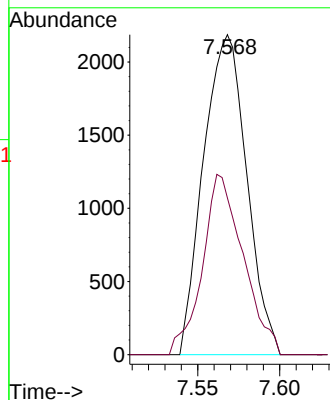
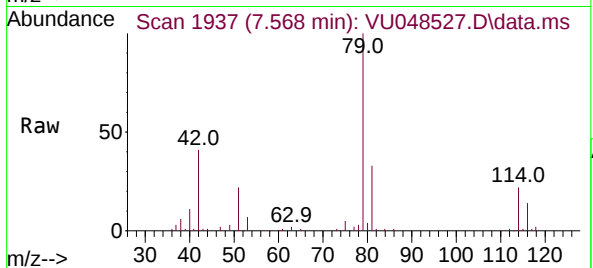
ClientSampleId :

Tgt Ion: 75 Resp: 4005

Ion Ratio Lower Upper

75 100

77 49.0 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.808 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048527.D

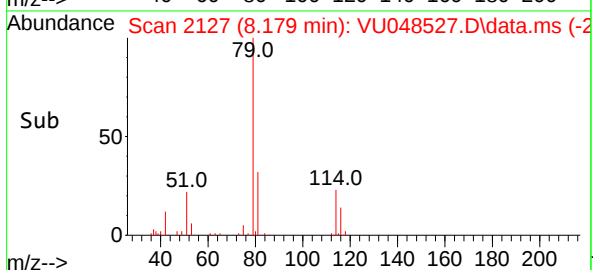
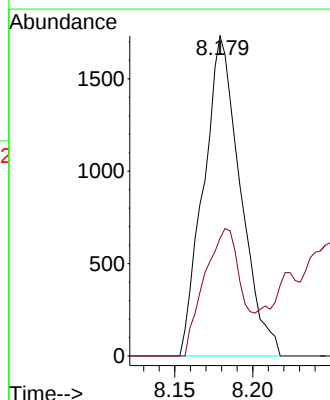
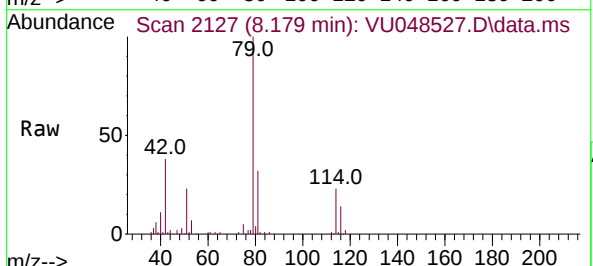
Acq: 11 May 2022 19:12

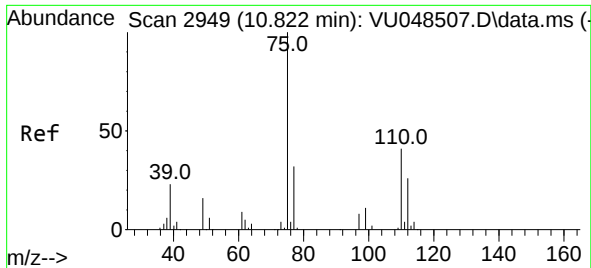
Tgt Ion: 75 Resp: 2837

Ion Ratio Lower Upper

75 100

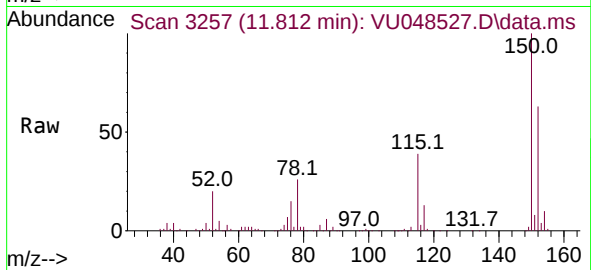
77 36.8 22.6 42.0





#60
 1,2,3-Trichloropropane
 Concen: 3.959 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048527.D
 Acq: 11 May 2022 19:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.5	38.3
110	3.3	28.9	43.3#

