

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048545.D
 Acq On : 12 May 2022 16:38
 Operator : SY/MD
 Sample : N2790-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 03:59:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 13 03:54:05 2022
 Response via : Initial Calibration

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

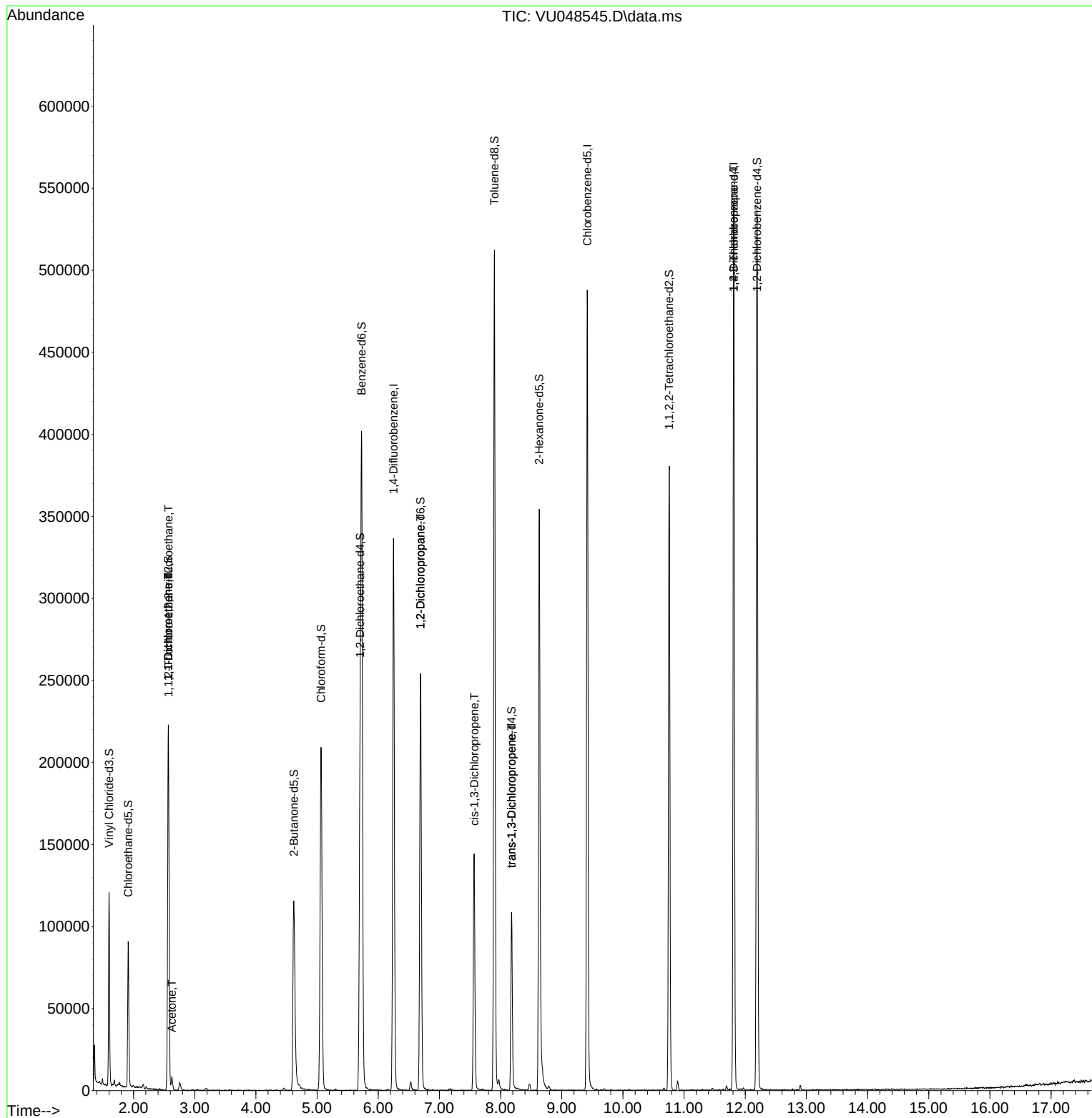
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	270699	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	271441	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	145778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	77418	33.208	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.420%
7) Chloroethane-d5	1.912	69	62030	40.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.540%
11) 1,1-Dichloroethene-d2	2.568	63	130525	31.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.920%
21) 2-Butanone-d5	4.620	46	165991	83.604	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.600%
24) Chloroform-d	5.067	84	200648	49.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.100%
26) 1,2-Dichloroethane-d4	5.703	65	143943	54.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.360%
32) Benzene-d6	5.729	84	367220	44.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.040%
36) 1,2-Dichloropropane-d6	6.690	67	113200	42.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.160%
41) Toluene-d8	7.899	98	331429	45.432	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.860%
43) trans-1,3-Dichloroprop...	8.179	79	62591	50.557	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.120%
47) 2-Hexanone-d5	8.632	63	117714	90.417	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.420%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	179031	43.696	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	146377	50.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.420%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1087	0.542	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	1219	0.643	ug/L #	1
13) Acetone	2.626	43	8722	5.827	ug/L	89
37) 1,2-Dichloropropane	6.690	63	13948	5.347	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3432	0.925	ug/L #	60
44) trans-1,3-Dichloropropene	8.179	75	2749	0.762	ug/L	85
60) 1,2,3-Trichloropropane	11.812	75	14661	3.853	ug/L #	69

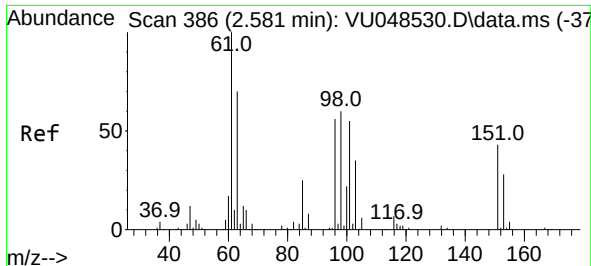
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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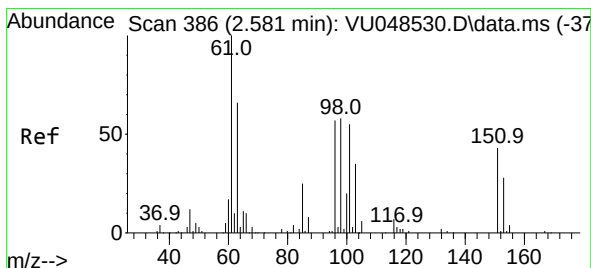
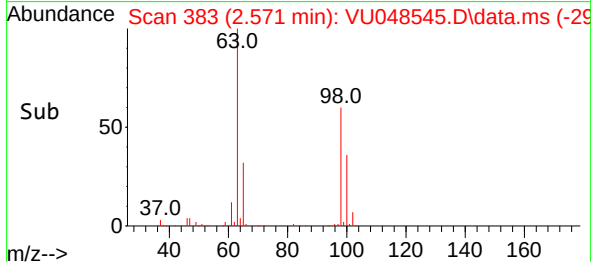
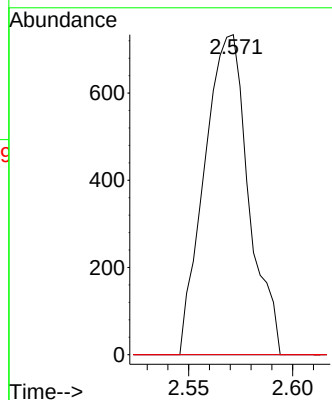
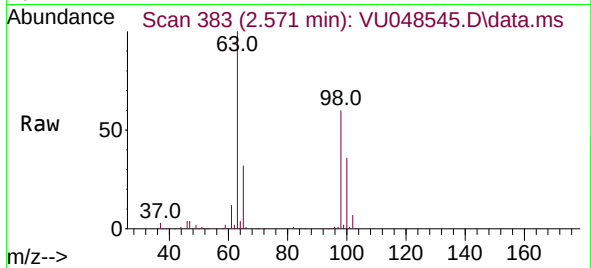




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.542 ug/L
RT: 2.571 min Scan# 387
Delta R.T. -0.010 min
Lab File: VU048545.D
Acq: 12 May 2022 16:38

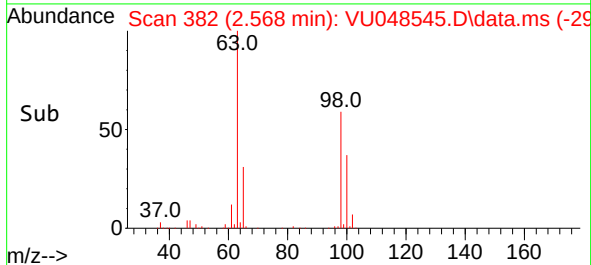
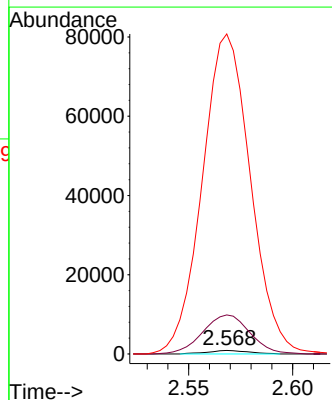
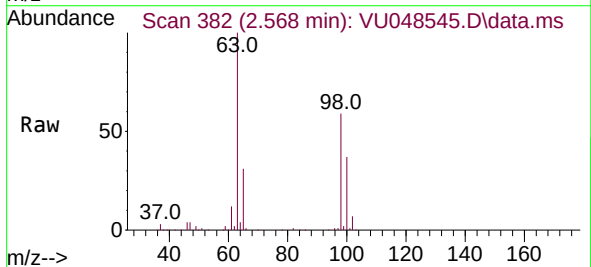
Instrument :
MSVOA_U
ClientSampleId :

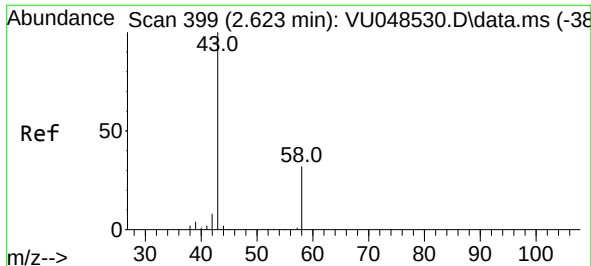
Tgt Ion:101 Resp: 1087
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 60.7 91.1#



#12
1,1-Dichloroethene
Concen: 0.643 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU048545.D
Acq: 12 May 2022 16:38

Tgt Ion: 96 Resp: 1219
Ion Ratio Lower Upper
96 100
61 1101.3 124.5 231.3#
63 9024.4 92.5 171.9#





#13

Acetone

Concen: 5.827 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048545.D

Acq: 12 May 2022 16:38

Instrument :

MSVOA_U

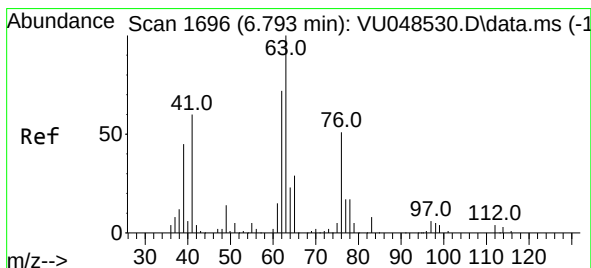
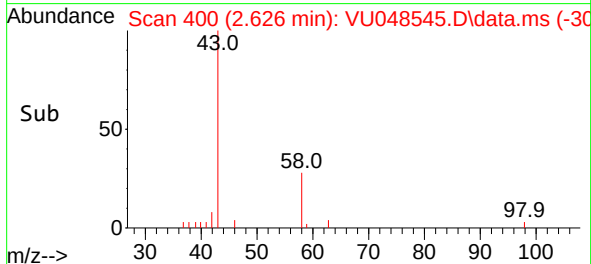
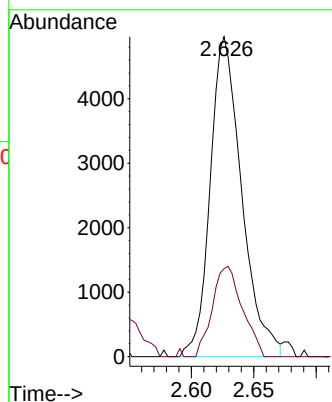
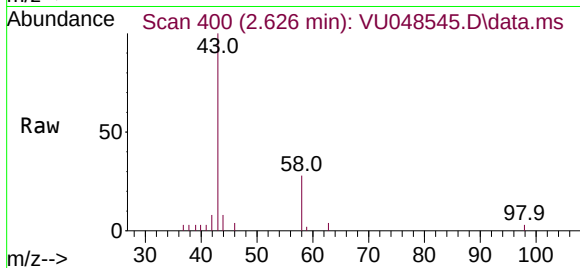
ClientSampleId :

Tgt Ion: 43 Resp: 8722

Ion Ratio Lower Upper

43 100

58 26.9 0.0 66.2



#37

1,2-Dichloropropane

Concen: 5.347 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048545.D

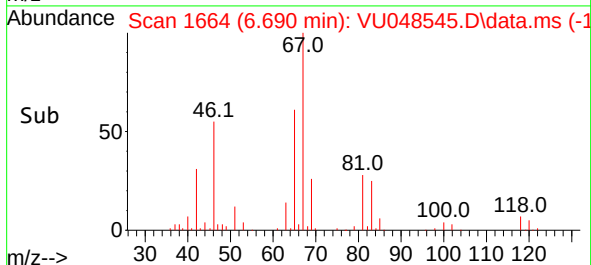
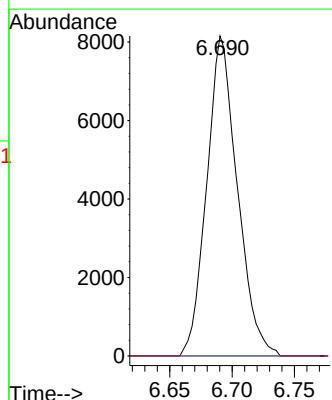
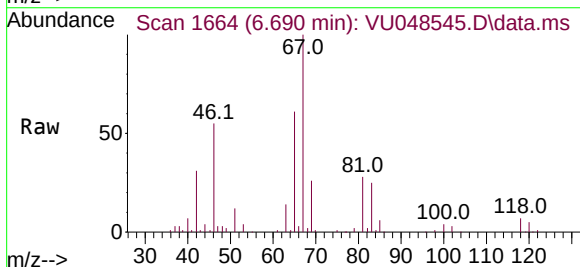
Acq: 12 May 2022 16:38

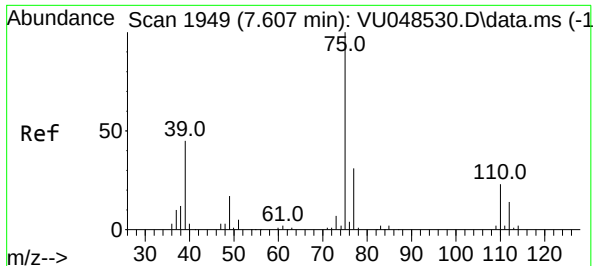
Tgt Ion: 63 Resp: 13948

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.925 ug/L

RT: 7.571 min Scan# 1949

Delta R.T. -0.035 min

Lab File: VU048545.D

Acq: 12 May 2022 16:38

Instrument :

MSVOA_U

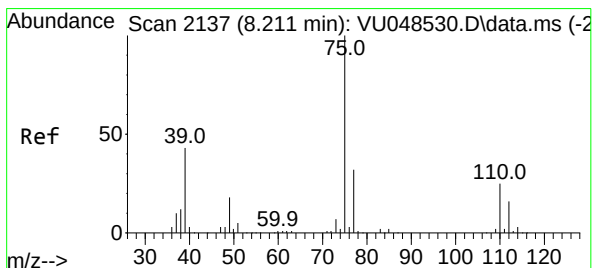
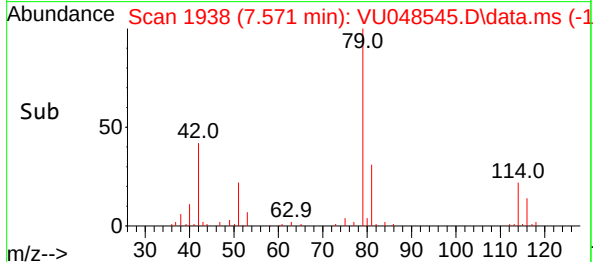
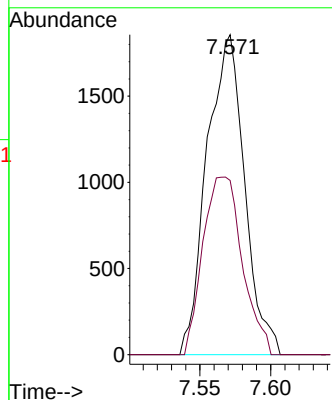
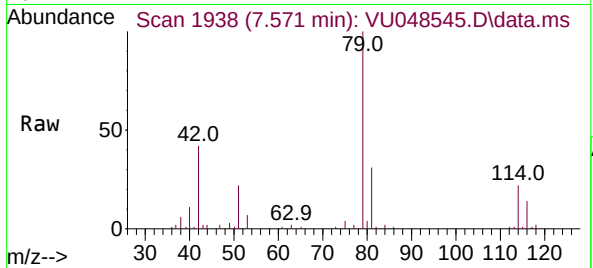
ClientSampleId :

Tgt Ion: 75 Resp: 3432

Ion Ratio Lower Upper

75 100

77 54.4 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.762 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048545.D

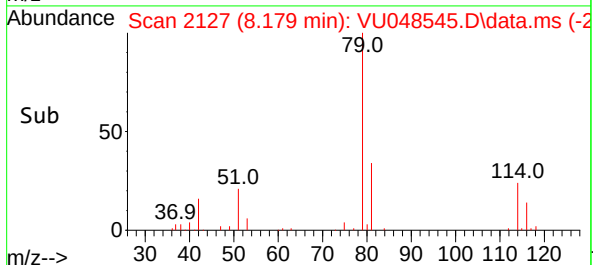
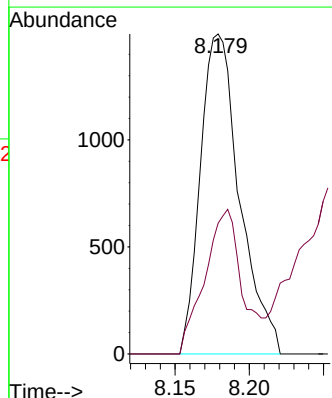
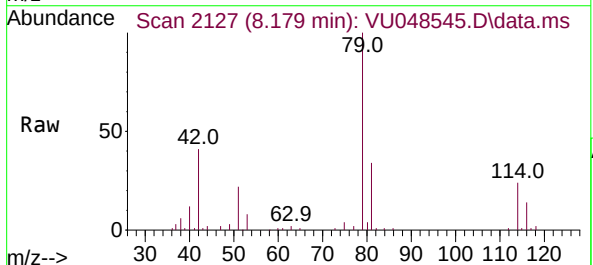
Acq: 12 May 2022 16:38

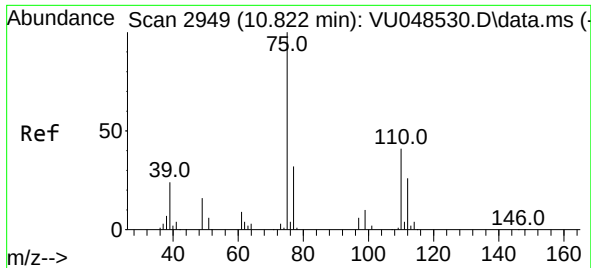
Tgt Ion: 75 Resp: 2749

Ion Ratio Lower Upper

75 100

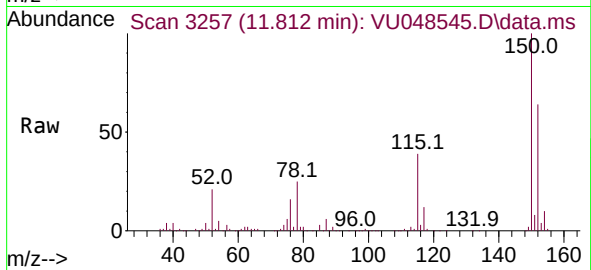
77 40.9 22.6 42.0





#60
 1,2,3-Trichloropropane
 Concen: 3.853 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048545.D
 Acq: 12 May 2022 16:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.5	38.3
110	1.9	28.9	43.3#

