

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048544.D
 Acq On : 12 May 2022 16:15
 Operator : SY/MD
 Sample : N2790-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 03:59:38 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)

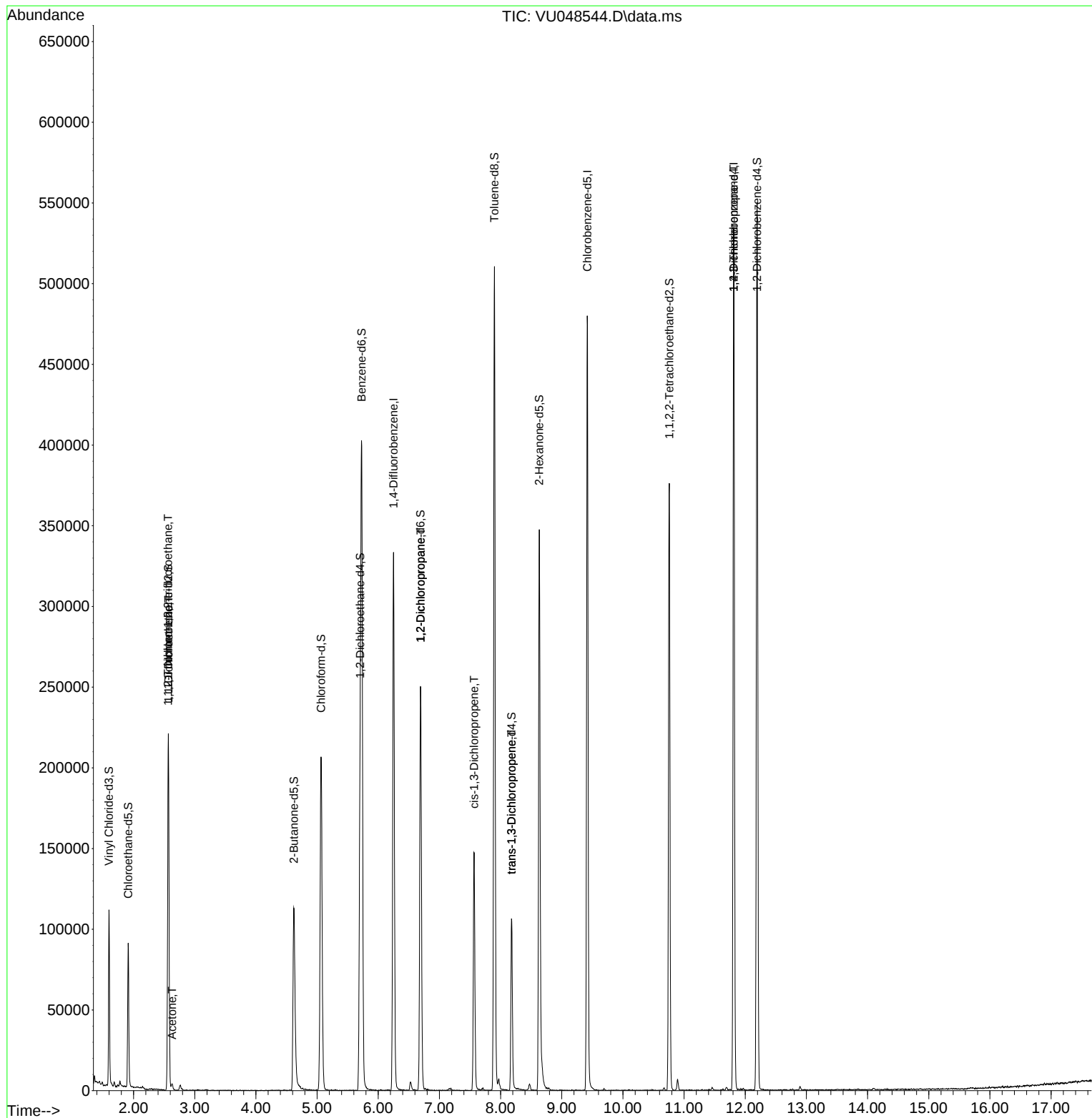
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	265697	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	268188	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	142785	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76201	33.301	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.600%
7) Chloroethane-d5	1.912	69	61903	41.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.900%
11) 1,1-Dichloroethene-d2	2.568	63	131096	32.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.380%
21) 2-Butanone-d5	4.620	46	160536	82.379	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.380%
24) Chloroform-d	5.067	84	197868	49.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.560%
26) 1,2-Dichloroethane-d4	5.703	65	144047	55.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.500%
32) Benzene-d6	5.729	84	365850	44.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.780%
36) 1,2-Dichloropropane-d6	6.690	67	112775	42.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.880%
41) Toluene-d8	7.899	98	332431	46.122	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	8.179	79	60767	49.679	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.360%
47) 2-Hexanone-d5	8.632	63	117490	91.340	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	177027	43.731	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	145441	51.440	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.880%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1419	0.721	ug/L #	19
12) 1,1-Dichloroethene	2.571	96	922	0.495	ug/L #	1
13) Acetone	2.629	43	4835	3.291	ug/L	88
37) 1,2-Dichloropropane	6.693	63	13994	5.430	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3827	1.044	ug/L #	72
44) trans-1,3-Dichloropropene	8.179	75	3116	0.875	ug/L	100
60) 1,2,3-Trichloropropane	11.812	75	14395	3.862	ug/L #	67

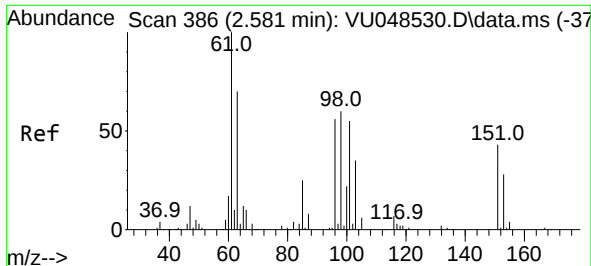
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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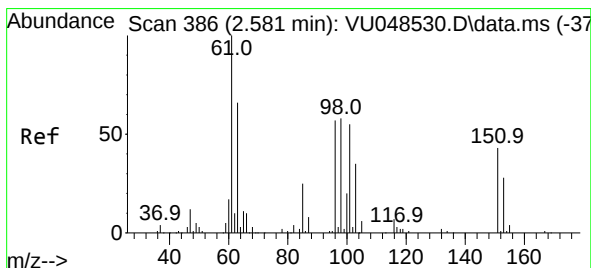
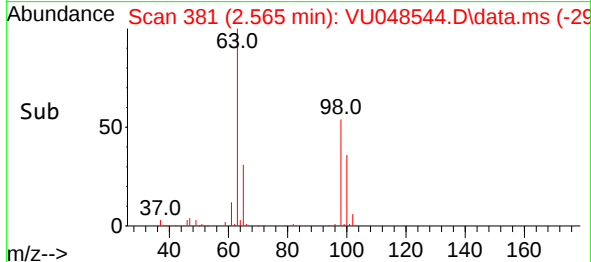
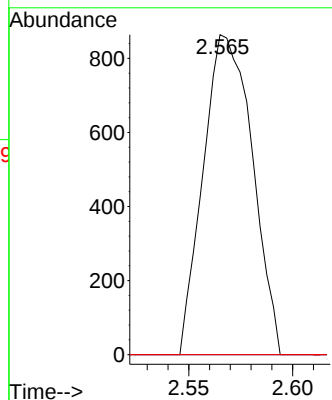
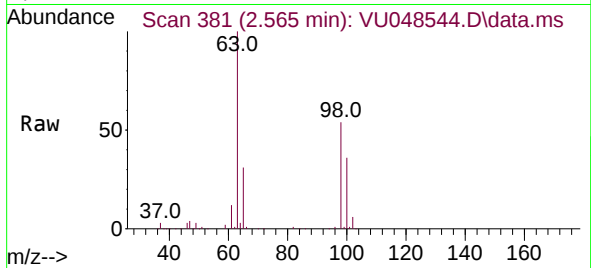




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.721 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU048544.D
 Acq: 12 May 2022 16:15

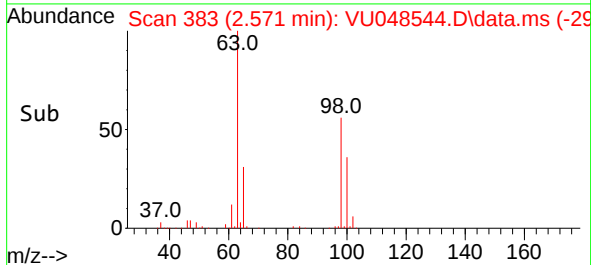
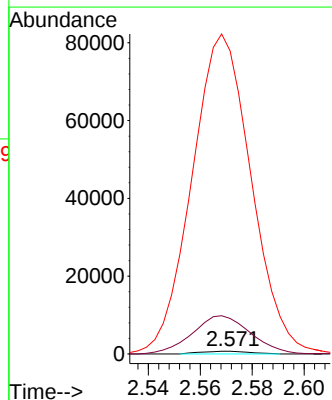
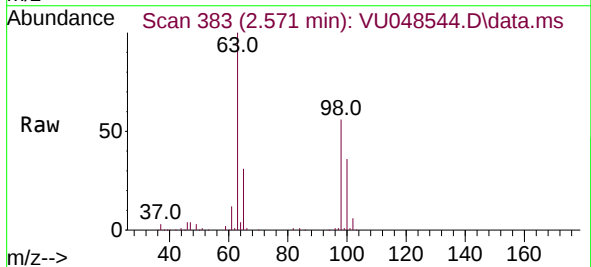
Instrument :
 MSVOA_U
 ClientSampleId :

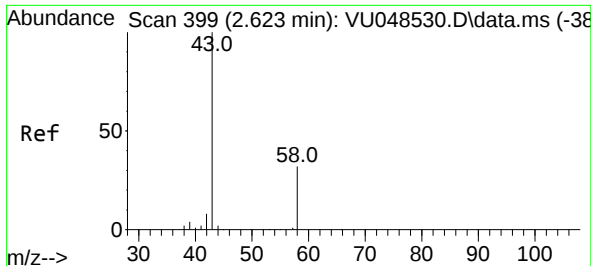
Tgt Ion:101 Resp: 1419
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 60.7 91.1#



#12
 1,1-Dichloroethene
 Concen: 0.495 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048544.D
 Acq: 12 May 2022 16:15

Tgt Ion: 96 Resp: 922
 Ion Ratio Lower Upper
 96 100
 61 1315.5 124.5 231.3#
 63 11209.2 92.5 171.9#





#13

Acetone

Concen: 3.291 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU048544.D

Acq: 12 May 2022 16:15

Instrument :

MSVOA_U

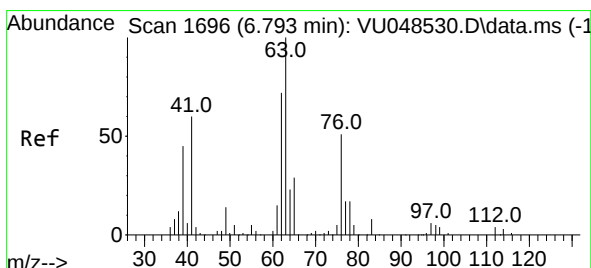
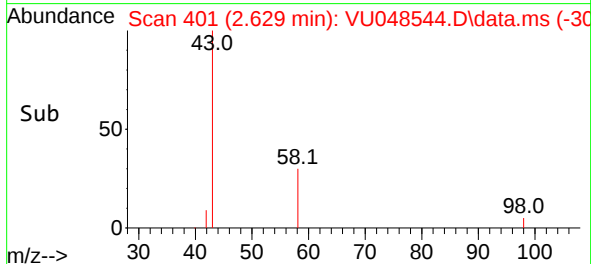
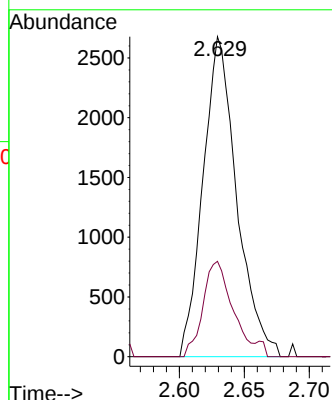
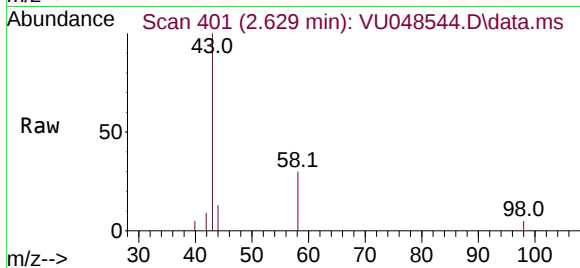
ClientSampleId :

Tgt Ion: 43 Resp: 4835

Ion Ratio Lower Upper

43 100

58 26.1 0.0 66.2



#37

1,2-Dichloropropane

Concen: 5.430 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU048544.D

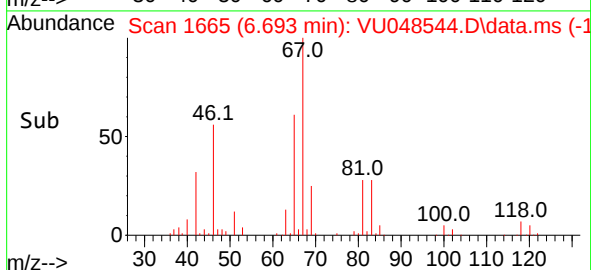
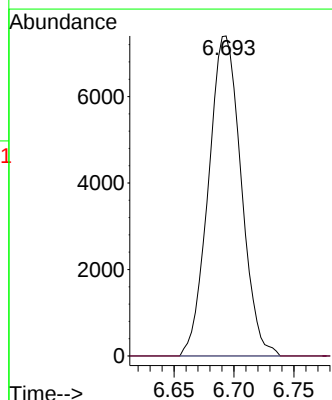
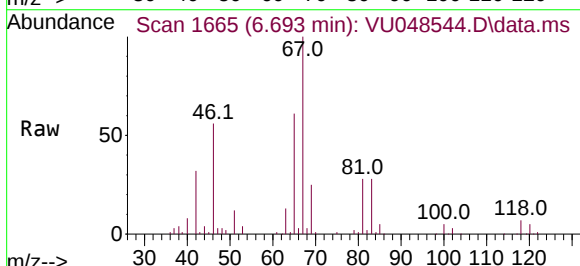
Acq: 12 May 2022 16:15

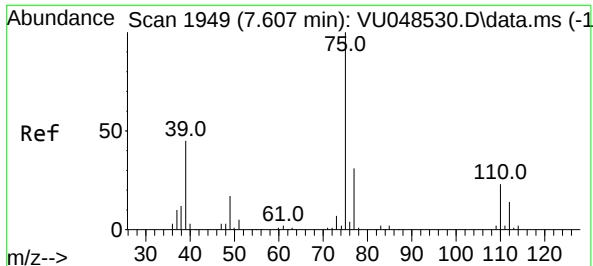
Tgt Ion: 63 Resp: 13994

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.044 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048544.D

Acq: 12 May 2022 16:15

Instrument :

MSVOA_U

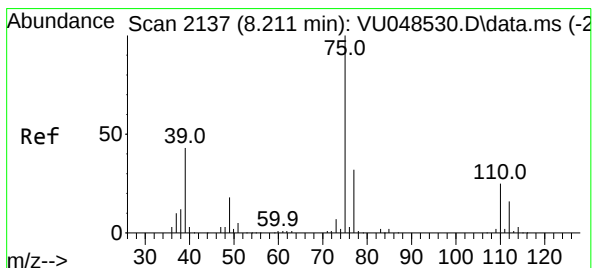
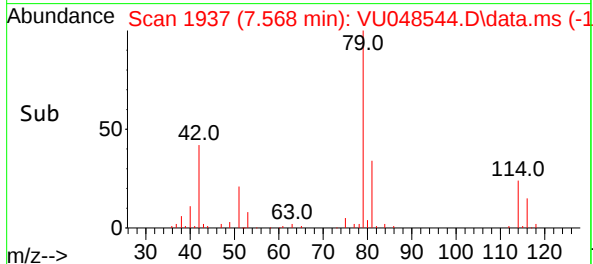
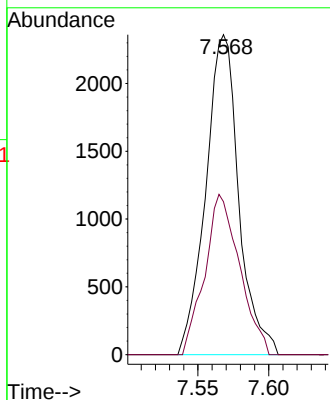
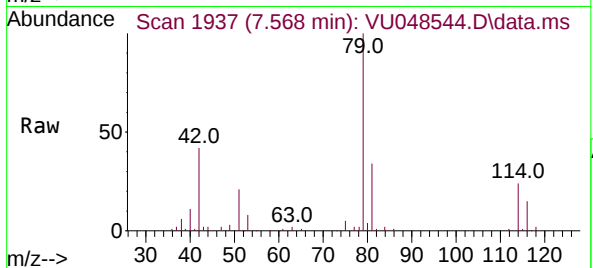
ClientSampleId :

Tgt Ion: 75 Resp: 3827

Ion Ratio Lower Upper

75 100

77 47.8 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.875 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048544.D

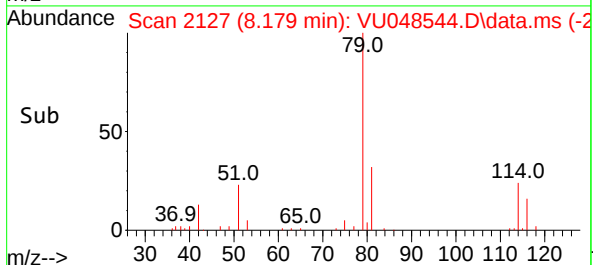
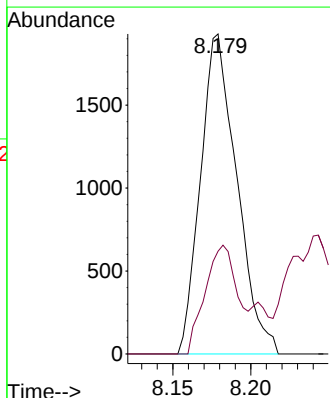
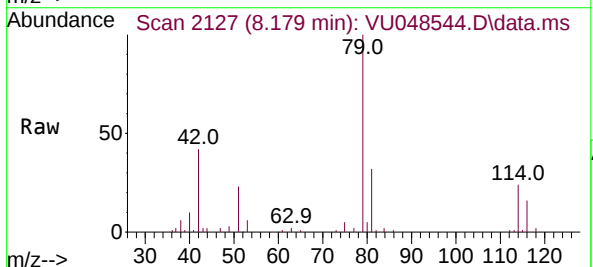
Acq: 12 May 2022 16:15

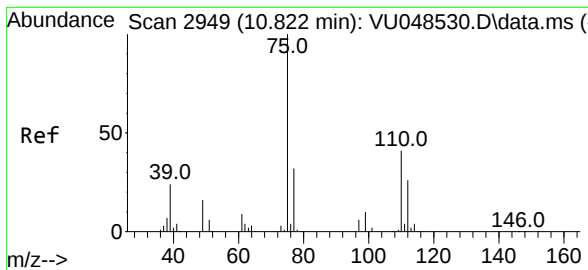
Tgt Ion: 75 Resp: 3116

Ion Ratio Lower Upper

75 100

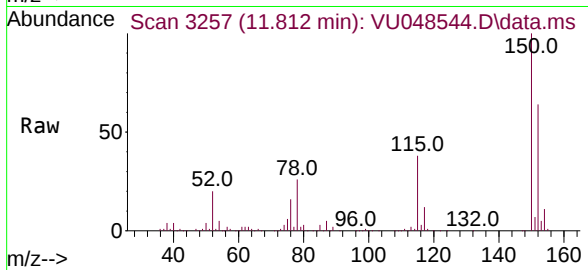
77 32.1 22.6 42.0





#60
 1,2,3-Trichloropropane
 Concen: 3.862 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048544.D
 Acq: 12 May 2022 16:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14395
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.5 38.3
 110 3.8 28.9 43.3#

