

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048542.D
 Acq On : 12 May 2022 15:26
 Operator : SY/MD
 Sample : N2790-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 03:59:16 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)

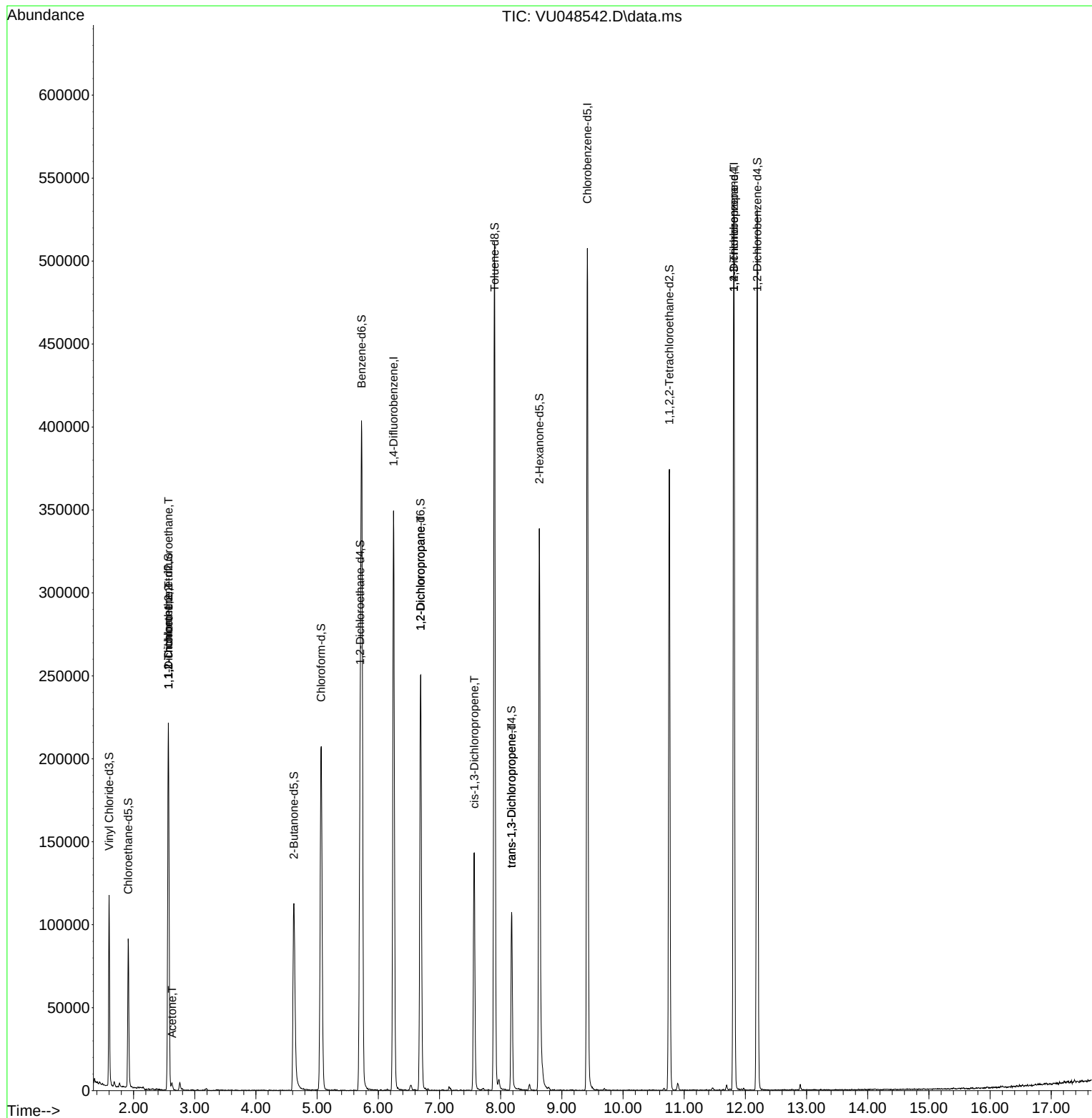
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	276161	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	282212	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	144406	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	78487	33.000	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.000%
7) Chloroethane-d5	1.912	69	62655	40.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.740%
11) 1,1-Dichloroethene-d2	2.568	63	130123	30.742	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.480%
21) 2-Butanone-d5	4.620	46	162522	80.238	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.240%
24) Chloroform-d	5.067	84	197923	47.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
26) 1,2-Dichloroethane-d4	5.703	65	141797	52.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.600%
32) Benzene-d6	5.729	84	365356	42.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.690	67	113336	40.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.060%
41) Toluene-d8	7.899	98	330537	43.580	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.160%
43) trans-1,3-Dichloroprop...	8.179	79	62181	48.309	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.620%
47) 2-Hexanone-d5	8.632	63	115813	85.562	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	176170	41.356	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	139641	48.835	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.660%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1314	0.642	ug/L #	19
12) 1,1-Dichloroethene	2.572	96	1051	0.543	ug/L #	1
13) Acetone	2.629	43	5046	3.304	ug/L	89
37) 1,2-Dichloropropane	6.694	63	13486	4.973	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3586	0.930	ug/L #	81
44) trans-1,3-Dichloropropene	8.179	75	2497	0.666	ug/L #	83
60) 1,2,3-Trichloropropane	11.812	75	14642	3.884	ug/L #	63

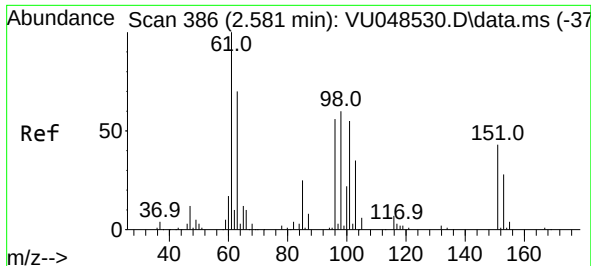
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 13 03:54:05 2022
Response via : Initial Calibration

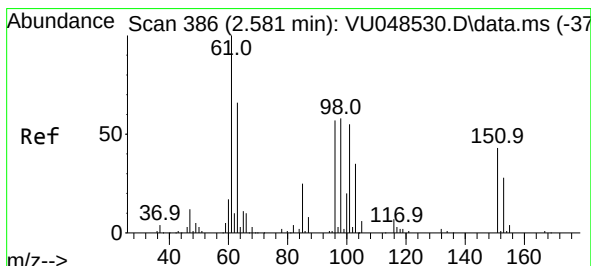
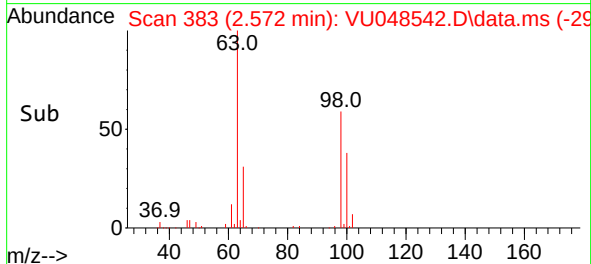
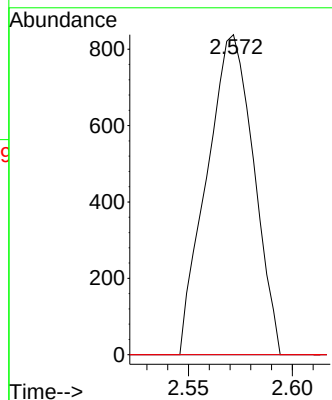
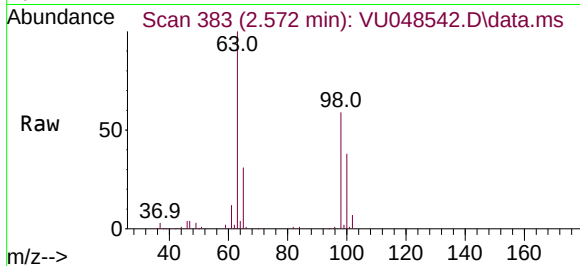




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.642 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.009 min
 Lab File: VU048542.D
 Acq: 12 May 2022 15:26

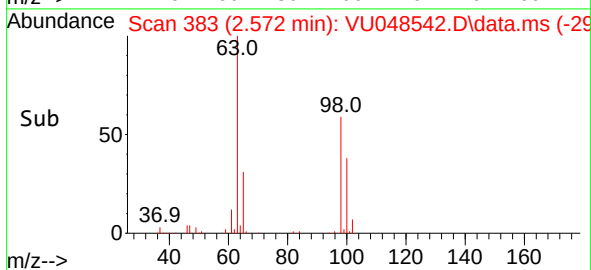
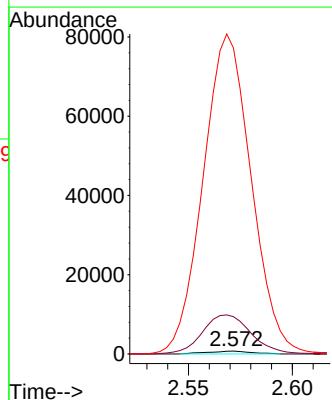
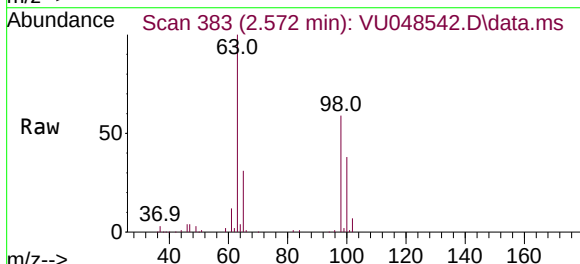
Instrument :
 MSVOA_U
 ClientSampleId :

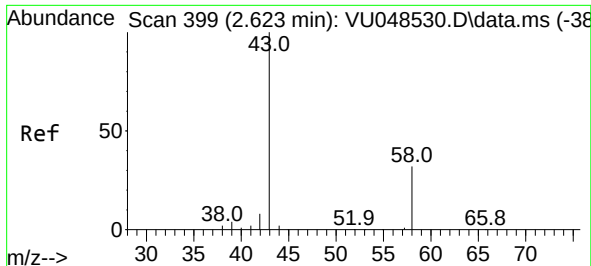
Tgt Ion:101 Resp: 1314
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 60.7 91.1#



#12
 1,1-Dichloroethene
 Concen: 0.543 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.009 min
 Lab File: VU048542.D
 Acq: 12 May 2022 15:26

Tgt Ion: 96 Resp: 1051
 Ion Ratio Lower Upper
 96 100
 61 1313.3 124.5 231.3#
 63 10796.1 92.5 171.9#





#13

Acetone

Concen: 3.304 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU048542.D

Acq: 12 May 2022 15:26

Instrument :

MSVOA_U

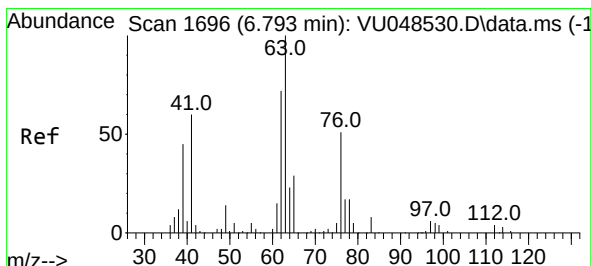
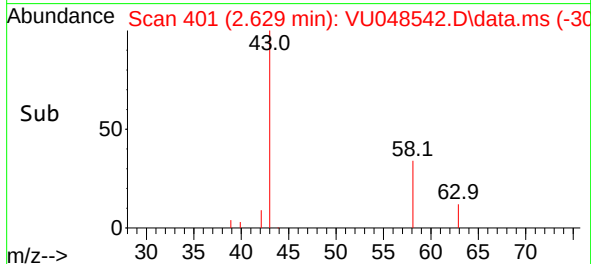
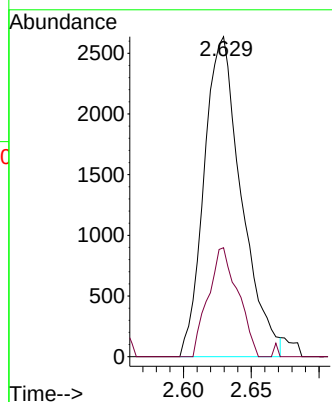
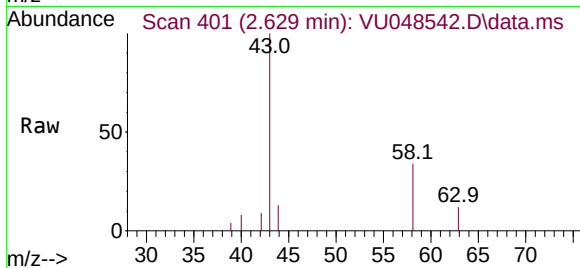
ClientSampleId :

Tgt Ion: 43 Resp: 5046

Ion Ratio Lower Upper

43 100

58 27.1 0.0 66.2



#37

1,2-Dichloropropane

Concen: 4.973 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.099 min

Lab File: VU048542.D

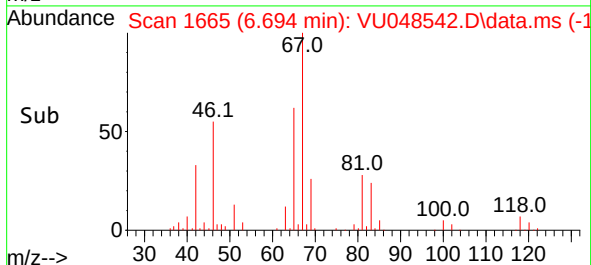
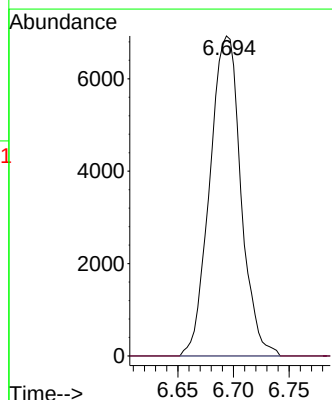
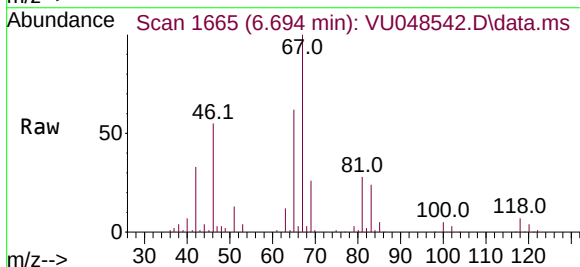
Acq: 12 May 2022 15:26

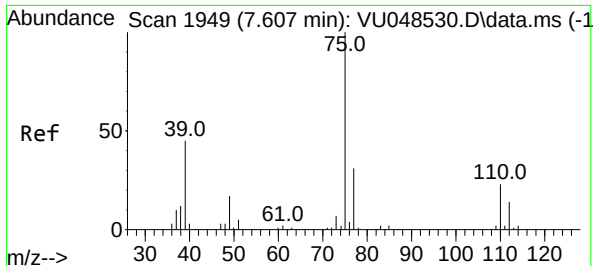
Tgt Ion: 63 Resp: 13486

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.930 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU048542.D

Acq: 12 May 2022 15:26

Instrument :

MSVOA_U

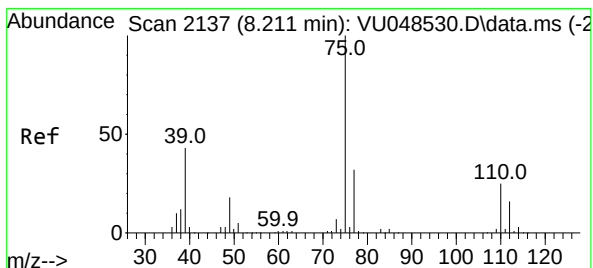
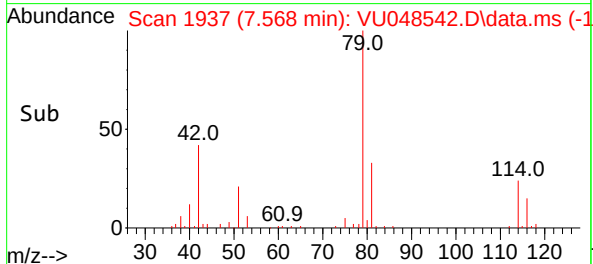
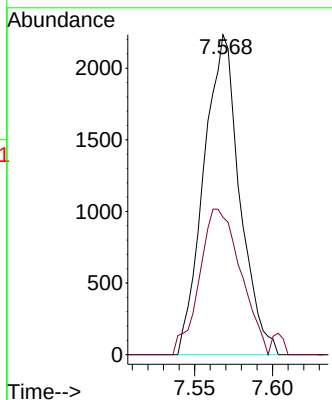
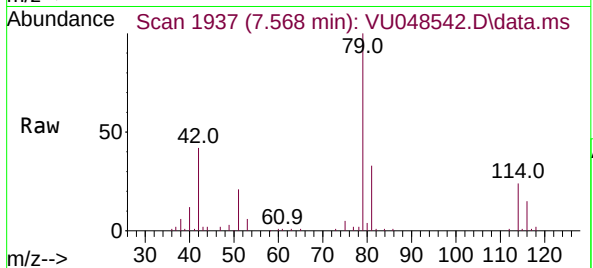
ClientSampleId :

Tgt Ion: 75 Resp: 3586

Ion Ratio Lower Upper

75 100

77 43.0 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.666 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048542.D

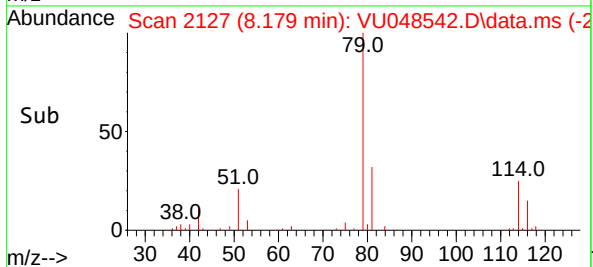
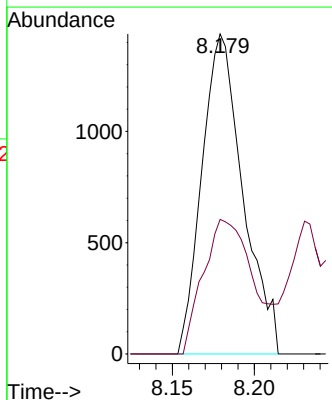
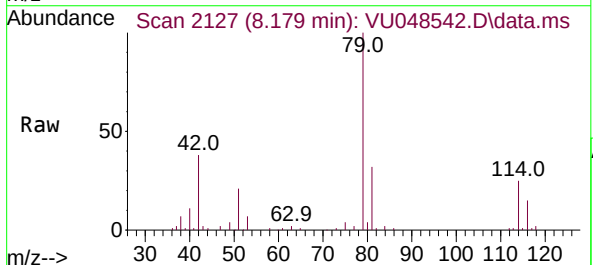
Acq: 12 May 2022 15:26

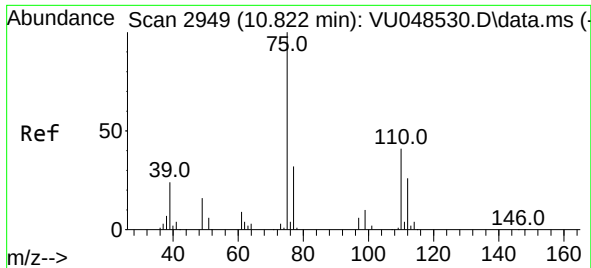
Tgt Ion: 75 Resp: 2497

Ion Ratio Lower Upper

75 100

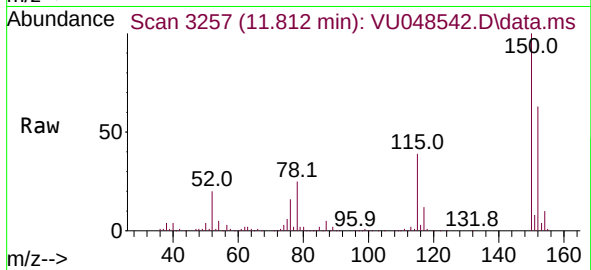
77 42.1 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 3.884 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU048542.D
 Acq: 12 May 2022 15:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	14642
Ion	Ratio	Lower Upper
75	100	
77	39.2	25.5 38.3#
110	1.8	28.9 43.3#

