

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048546.D
 Acq On : 12 May 2022 17:02
 Operator : SY/MD
 Sample : N2767-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 04:00:01 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

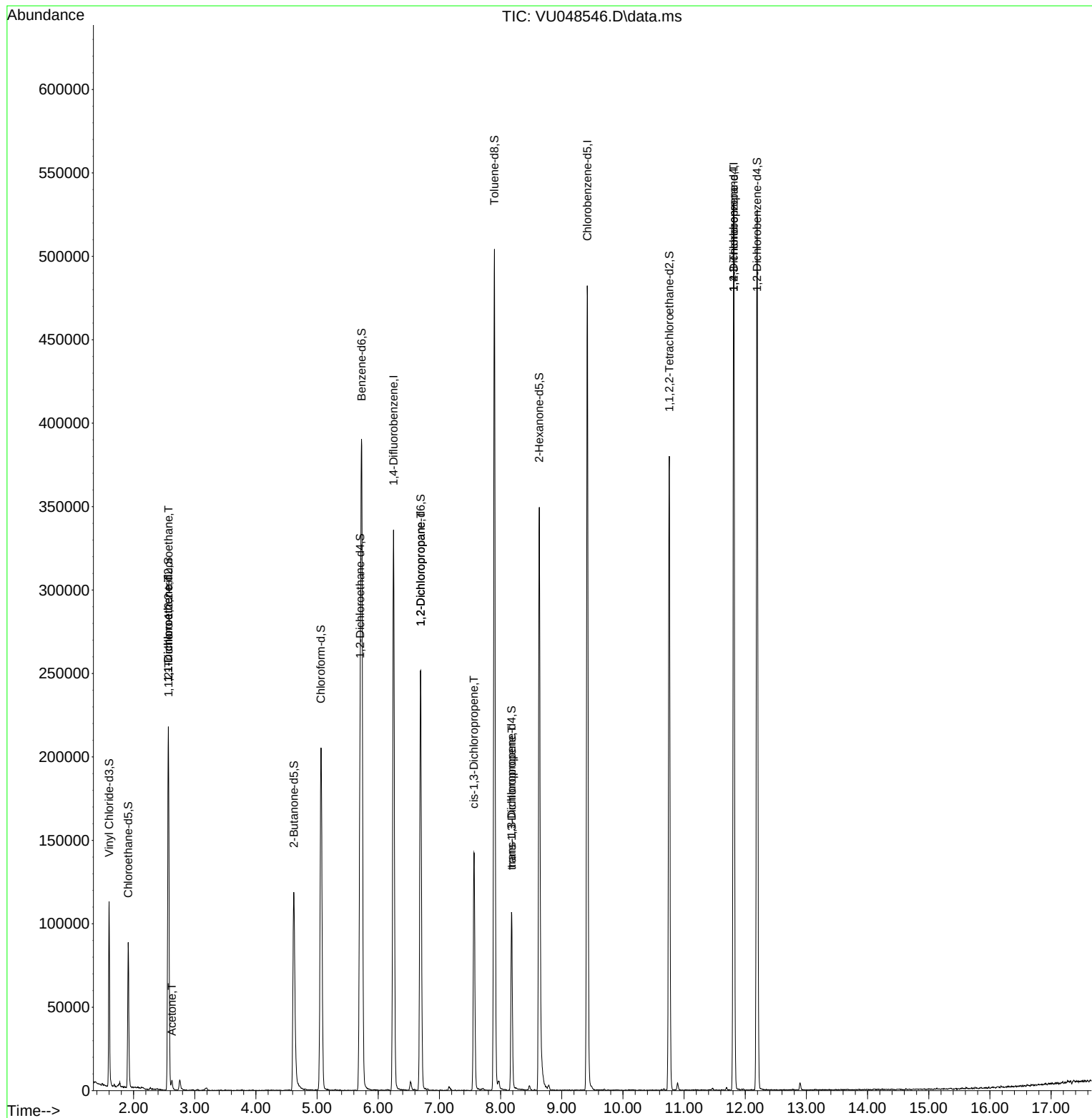
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	269910	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	272641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	142532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	77118	33.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.360%
7) Chloroethane-d5	1.912	69	60681	39.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.568	63	127890	30.914	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.820%
21) 2-Butanone-d5	4.620	46	161738	81.701	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.700%
24) Chloroform-d	5.063	84	196788	48.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.480%
26) 1,2-Dichloroethane-d4	5.703	65	143085	54.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.040%
32) Benzene-d6	5.729	84	357161	43.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.220%
36) 1,2-Dichloropropane-d6	6.694	67	110611	40.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.880%
41) Toluene-d8	7.899	98	328145	44.783	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.560%
43) trans-1,3-Dichloroprop...	8.179	79	61011	49.064	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.120%
47) 2-Hexanone-d5	8.632	63	115121	88.036	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	176438	42.873	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.740%
66) 1,2-Dichlorobenzene-d4	12.195	152	140255	49.694	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.380%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1297	0.648	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	1128	0.596	ug/L #	1
13) Acetone	2.626	43	6057	4.058	ug/L	99
37) 1,2-Dichloropropane	6.694	63	13334	5.089	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3766	1.011	ug/L #	76
44) trans-1,3-Dichloropropene	8.182	75	2462	0.680	ug/L #	72
60) 1,2,3-Trichloropropane	11.812	75	14148	3.803	ug/L #	66

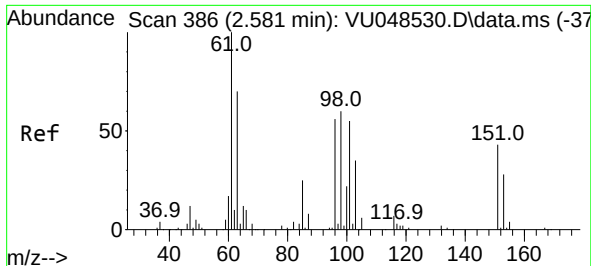
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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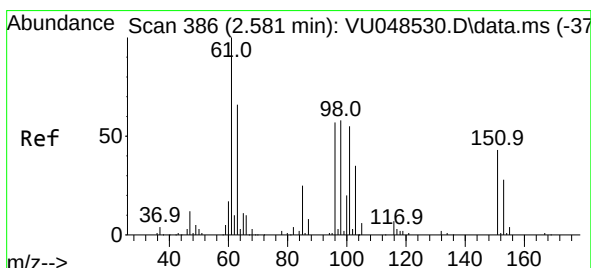
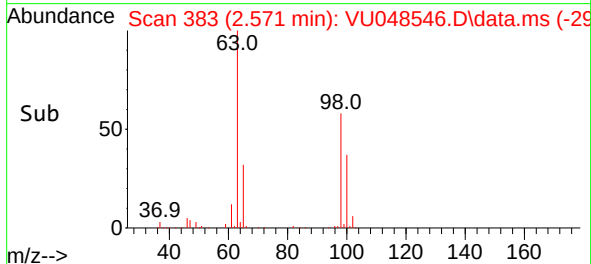
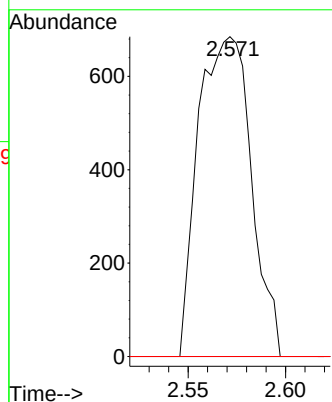
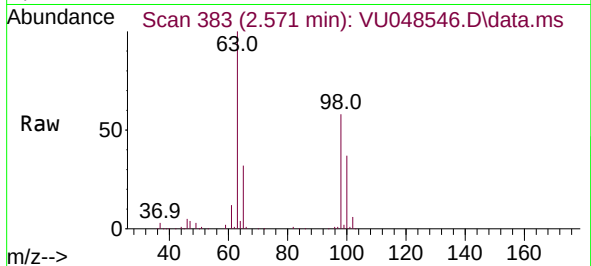




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.648 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU048546.D
Acq: 12 May 2022 17:02

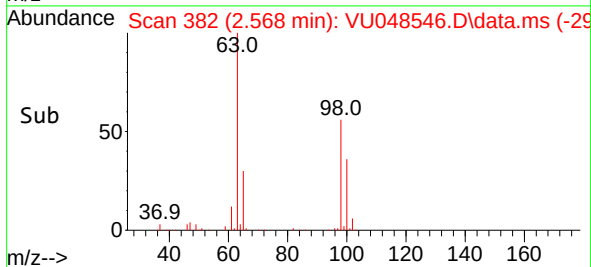
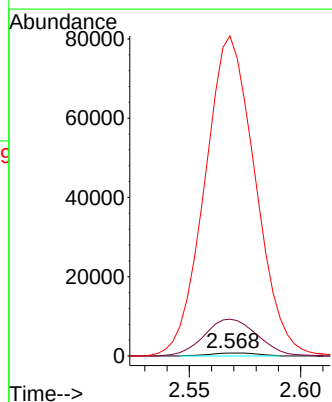
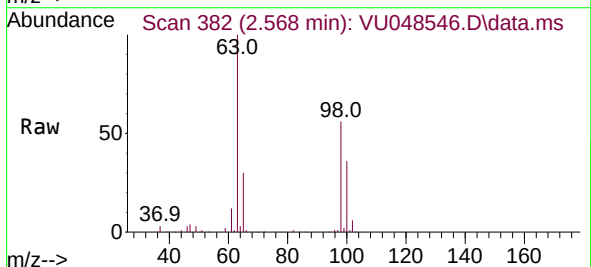
Instrument :
MSVOA_U
ClientSampleId :

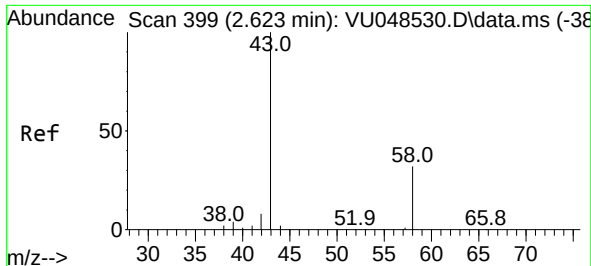
Tgt Ion:101 Resp: 1297
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 60.7 91.1#



#12
1,1-Dichloroethene
Concen: 0.596 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU048546.D
Acq: 12 May 2022 17:02

Tgt Ion: 96 Resp: 1128
Ion Ratio Lower Upper
96 100
61 1249.9 124.5 231.3#
63 10853.8 92.5 171.9#





#13

Acetone

Concen: 4.058 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048546.D

Acq: 12 May 2022 17:02

Instrument :

MSVOA_U

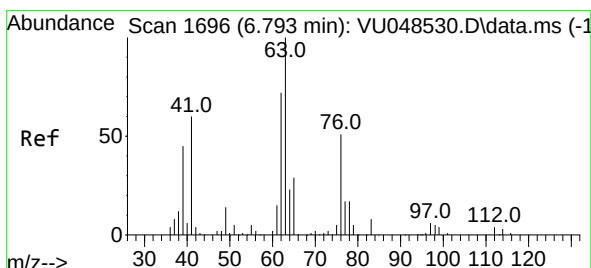
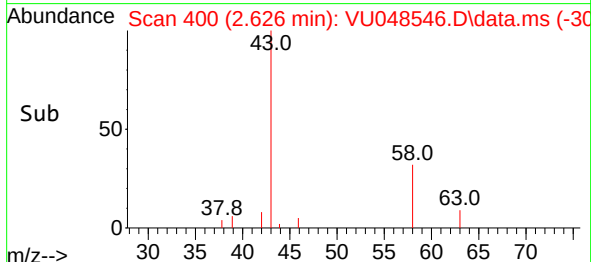
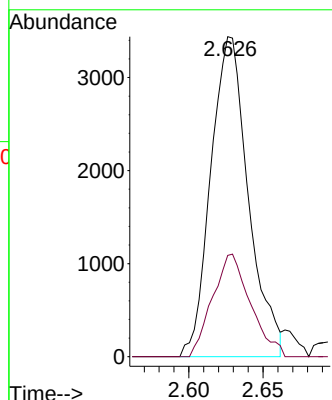
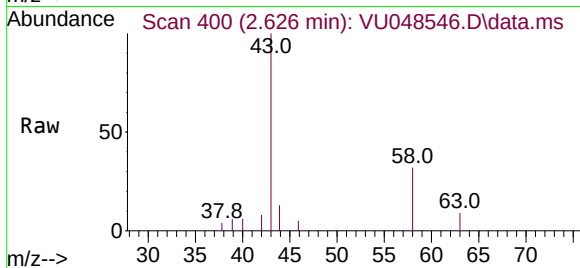
ClientSampleId :

Tgt Ion: 43 Resp: 6057

Ion Ratio Lower Upper

43 100

58 32.3 0.0 66.2



#37

1,2-Dichloropropane

Concen: 5.089 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU048546.D

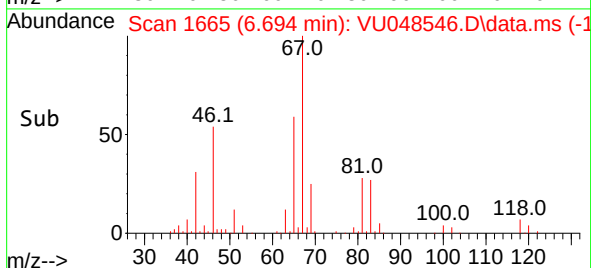
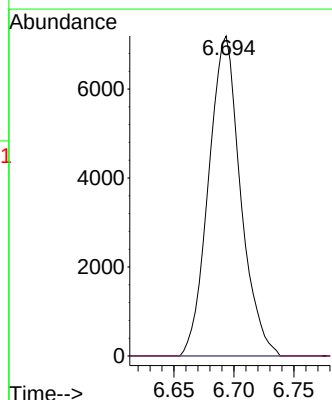
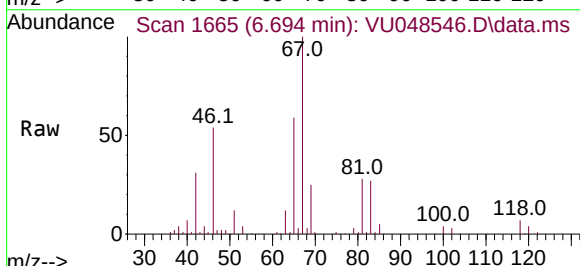
Acq: 12 May 2022 17:02

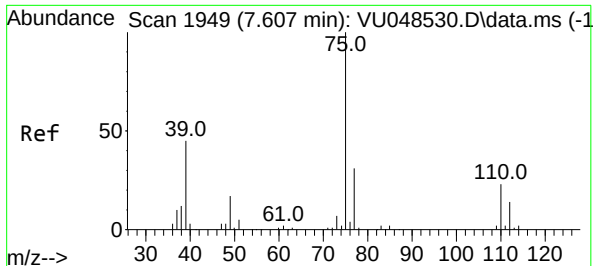
Tgt Ion: 63 Resp: 13334

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.011 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048546.D

Acq: 12 May 2022 17:02

Instrument :

MSVOA_U

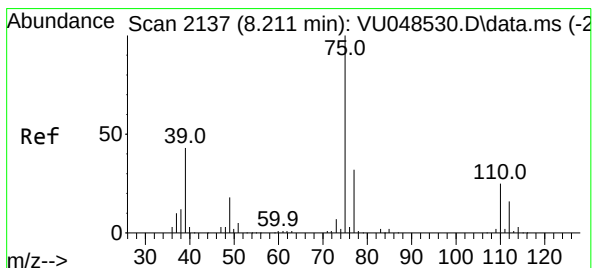
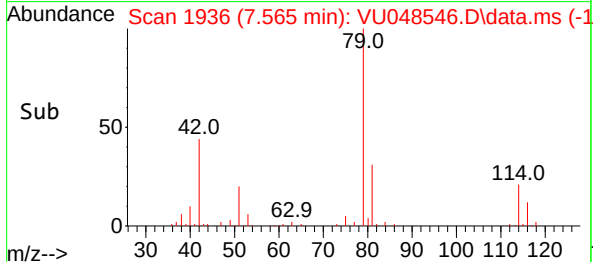
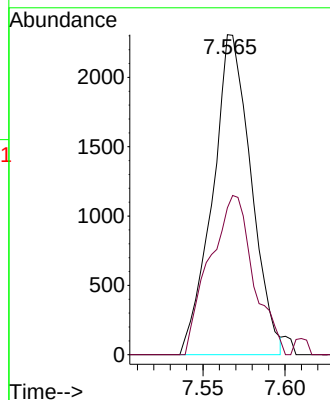
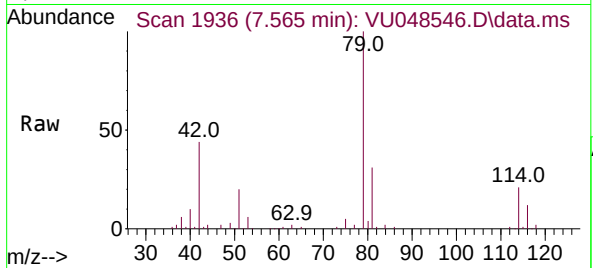
ClientSampleId :

Tgt Ion: 75 Resp: 3766

Ion Ratio Lower Upper

75 100

77 45.9 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.680 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048546.D

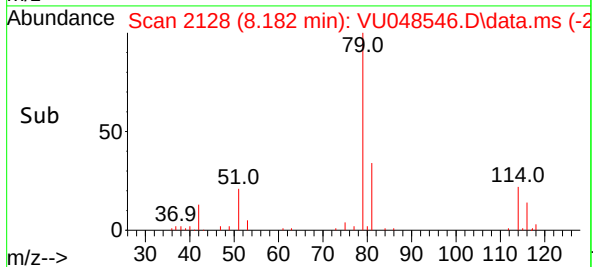
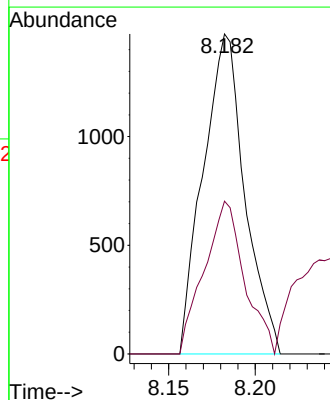
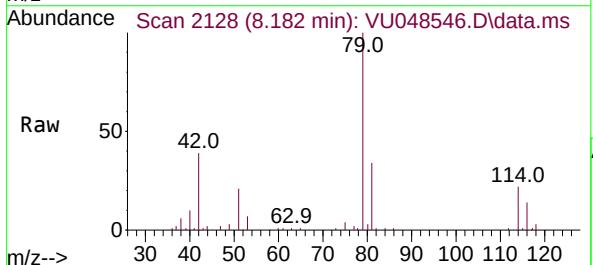
Acq: 12 May 2022 17:02

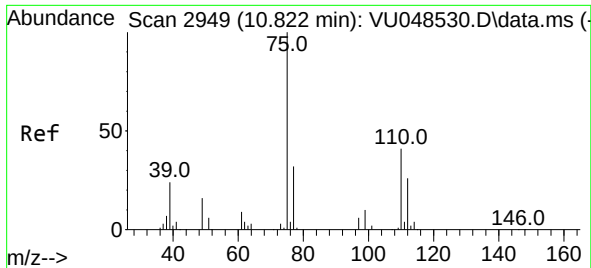
Tgt Ion: 75 Resp: 2462

Ion Ratio Lower Upper

75 100

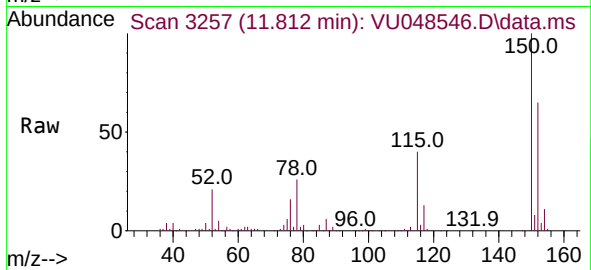
77 47.8 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 3.803 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048546.D
 Acq: 12 May 2022 17:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	14148
Ion	Ratio	Lower Upper
75	100	
77	37.1	25.5 38.3
110	3.1	28.9 43.3#

