

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051122\
 Data File : VU048523.D
 Acq On : 11 May 2022 17:38
 Operator : SY/MD
 Sample : N2790-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 03:44:47 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

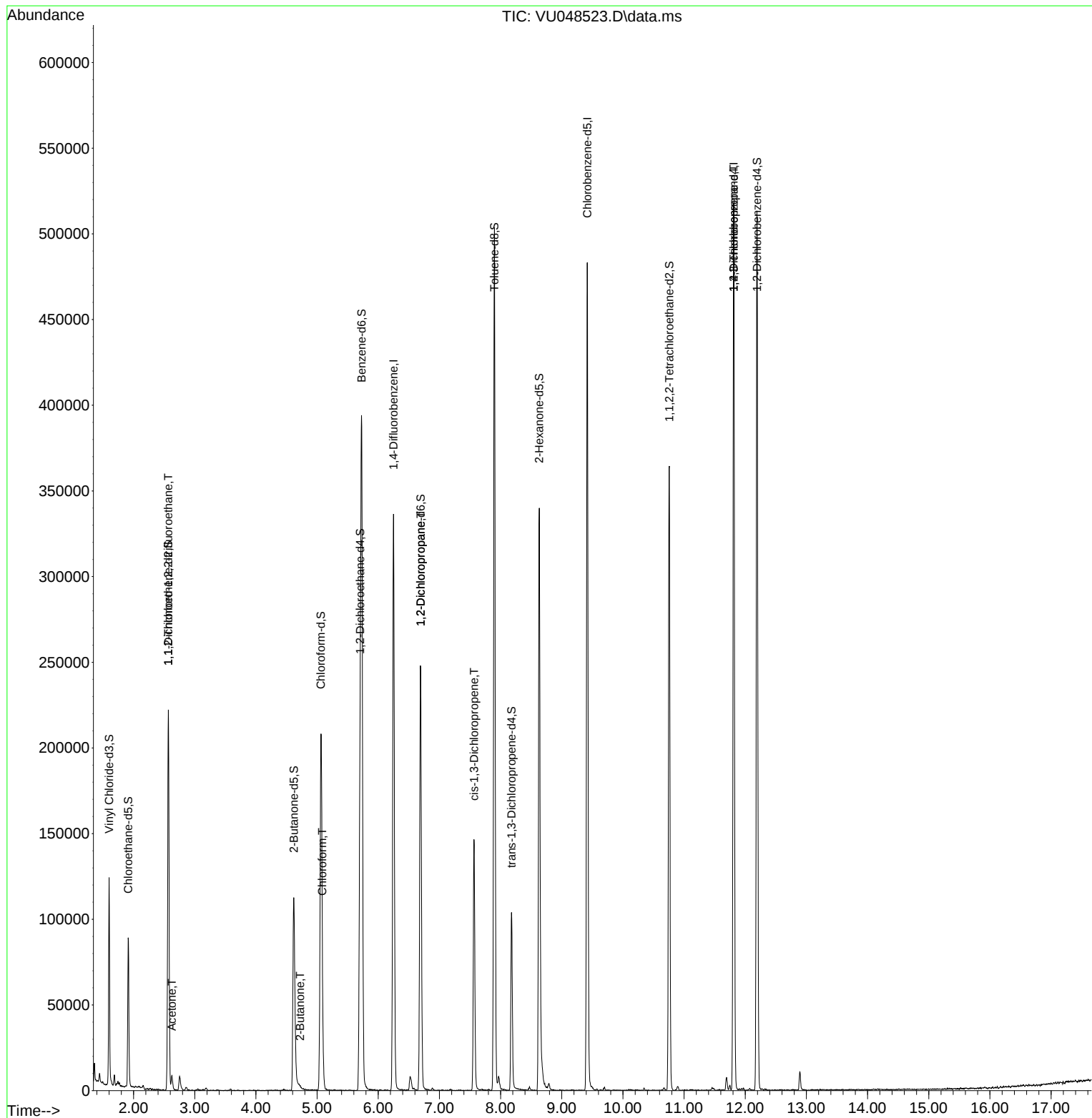
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	265310	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	269665	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	142217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	79321	34.715	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	69.440%	
7) Chloroethane-d5	1.912	69	61591	41.303	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.600%	
11) 1,1-Dichloroethene-d2	2.568	63	132163	32.500	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.000%	
21) 2-Butanone-d5	4.620	46	154841	79.573	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	79.570%	
24) Chloroform-d	5.063	84	196377	49.481	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.960%	
26) 1,2-Dichloroethane-d4	5.703	65	139701	54.151	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.300%	
32) Benzene-d6	5.729	84	359509	43.872	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.740%	
36) 1,2-Dichloropropane-d6	6.694	67	110464	41.338	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	82.680%	
41) Toluene-d8	7.899	98	330732	45.635	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.260%	
43) trans-1,3-Dichloroprop...	8.179	79	59043	48.005	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.000%	
47) 2-Hexanone-d5	8.632	63	112683	87.123	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.120%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	170291	41.836	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	83.680%	
66) 1,2-Dichlorobenzene-d4	12.192	152	136978	48.641	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.280%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1219	0.620	ug/L #	19
13) Acetone	2.626	43	9241	6.299	ug/L	94
22) 2-Butanone	4.723	43	2410	1.099	ug/L	92
25) Chloroform	5.086	83	15778	3.907	ug/L	96
37) 1,2-Dichloropropane	6.694	63	12714	4.906	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3650	0.990	ug/L #	63
60) 1,2,3-Trichloropropane	11.812	75	14378	3.873	ug/L #	69

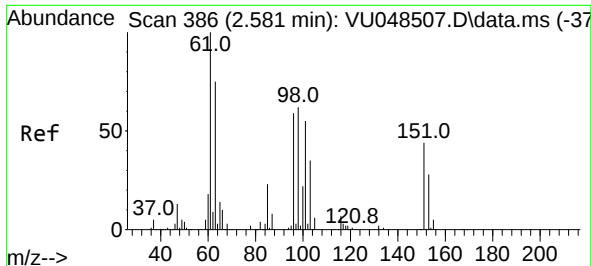
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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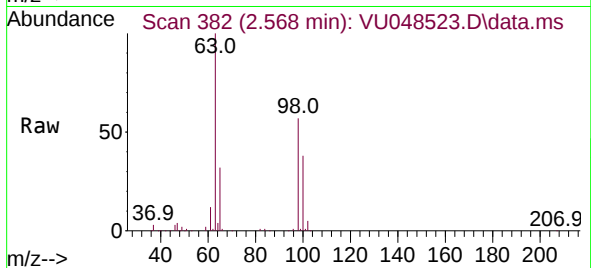
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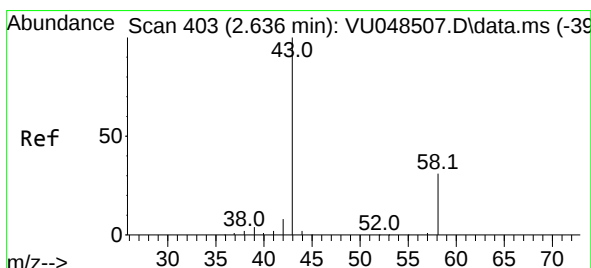
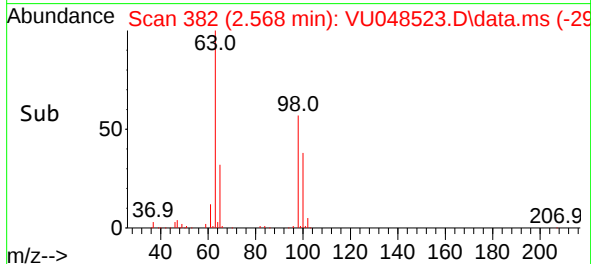
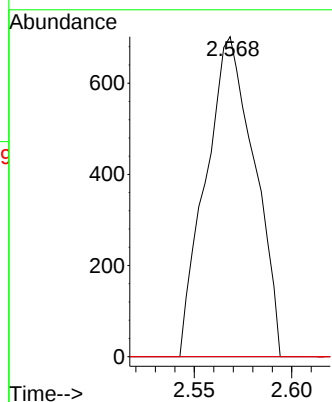


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.620 ug/L
 RT: 2.568 min Scan# 312
 Delta R.T. -0.013 min
 Lab File: VU048523.D
 Acq: 11 May 2022 17:38

Instrument :
 MSVOA_U
 ClientSampleId :

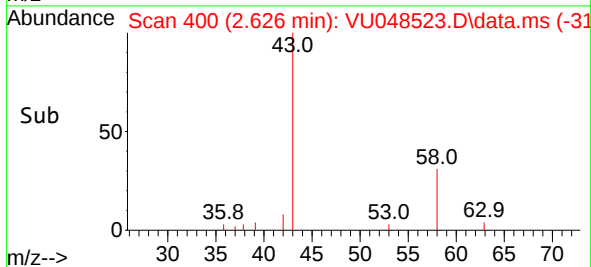
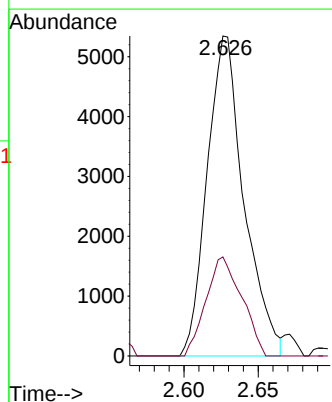
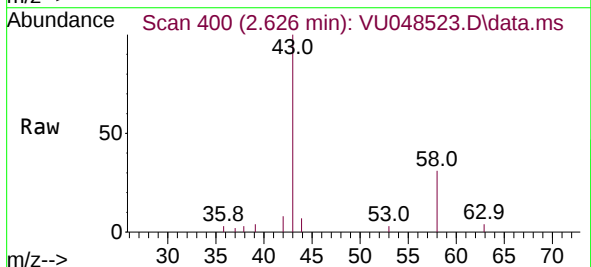


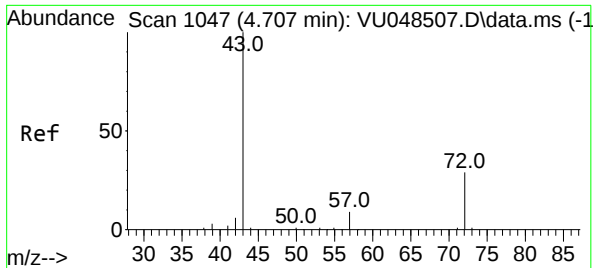
Tgt Ion:101 Resp: 1219
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 60.7 91.1#



#13
 Acetone
 Concen: 6.299 ug/L
 RT: 2.626 min Scan# 400
 Delta R.T. -0.010 min
 Lab File: VU048523.D
 Acq: 11 May 2022 17:38

Tgt Ion: 43 Resp: 9241
 Ion Ratio Lower Upper
 43 100
 58 30.0 0.0 66.2





#22

2-Butanone

Concen: 1.099 ug/L

RT: 4.723 min Scan# 1105

Delta R.T. 0.016 min

Lab File: VU048523.D

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Instrument :

MSVOA_U

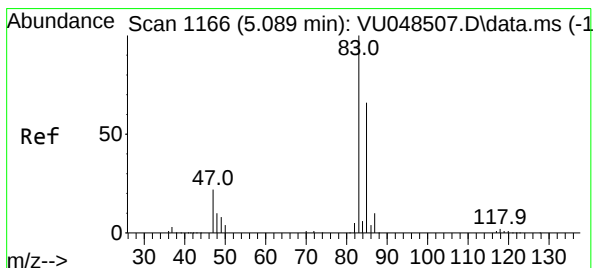
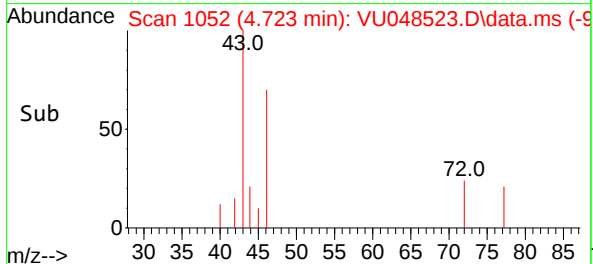
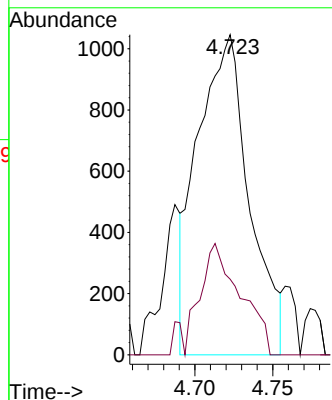
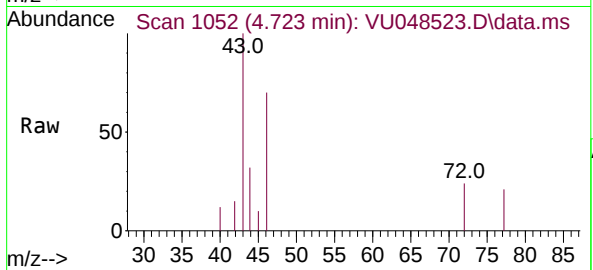
ClientSampleId :

Tgt Ion: 43 Resp: 2410

Ion Ratio Lower Upper

43 100

72 22.7 13.3 39.9



#25

Chloroform

Concen: 3.907 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048523.D

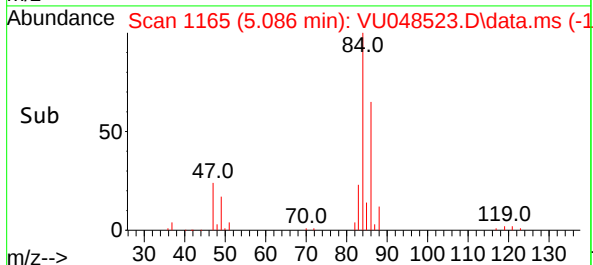
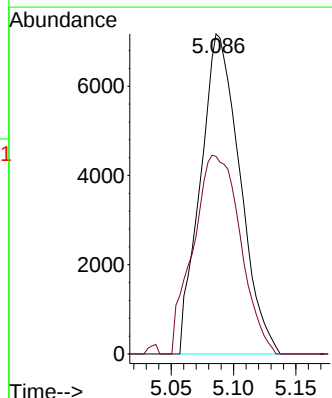
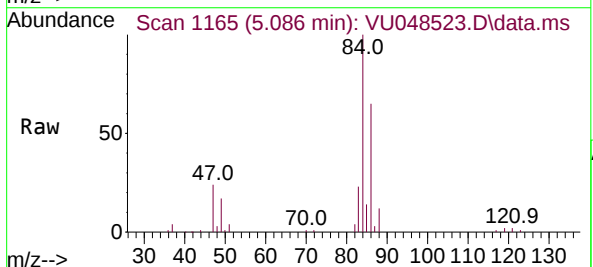
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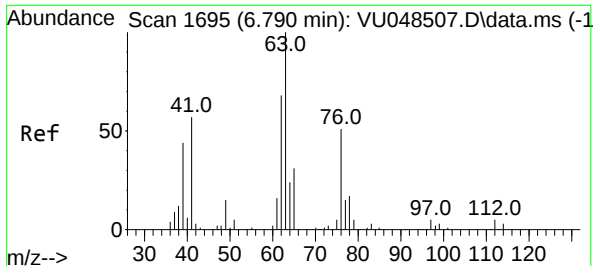
Tgt Ion: 83 Resp: 15778

Ion Ratio Lower Upper

83 100

85 61.7 45.4 84.2





#37

1,2-Dichloropropane

Concen: 4.906 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU048523.D

Acq: 11 May 2022 17:38

Instrument :

MSVOA_U

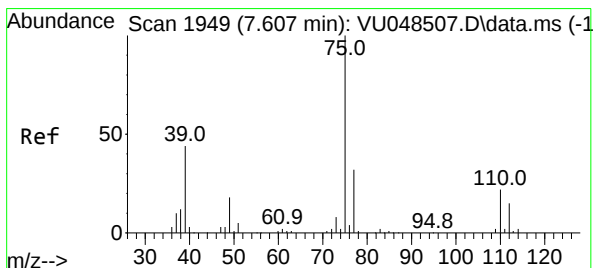
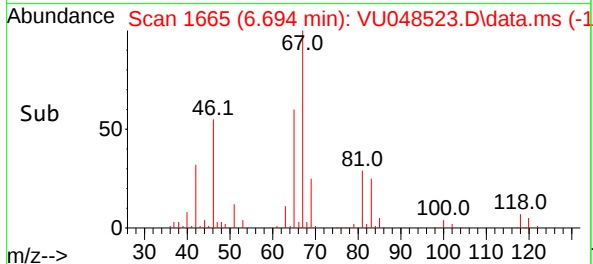
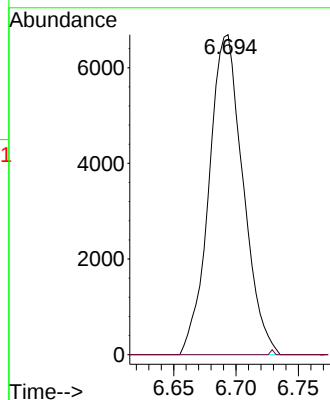
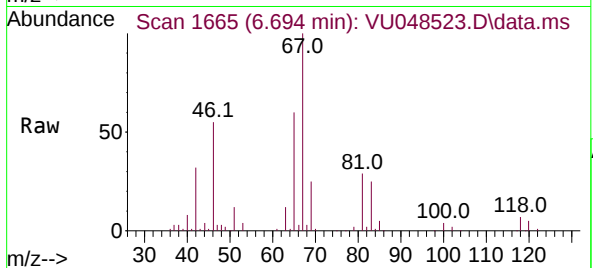
ClientSampleId :

Tgt Ion: 63 Resp: 12714

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.990 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU048523.D

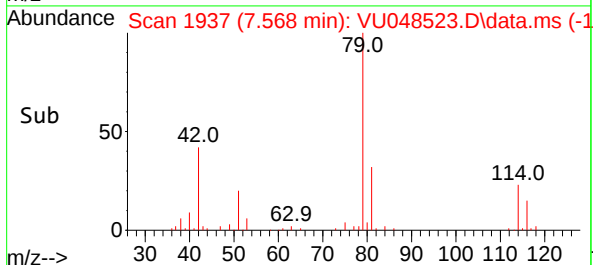
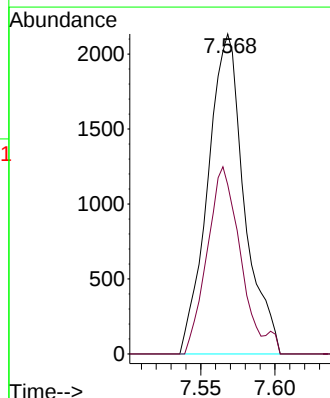
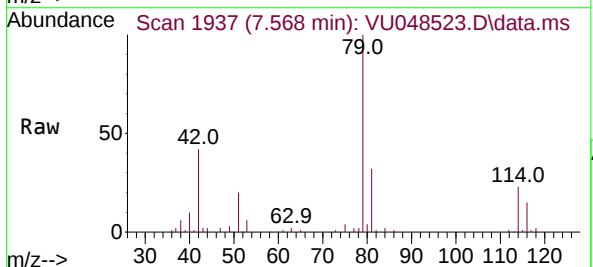
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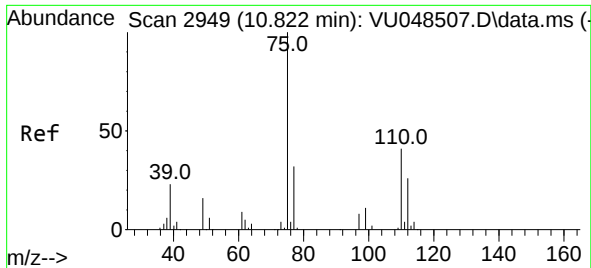
Tgt Ion: 75 Resp: 3650

Ion Ratio Lower Upper

75 100

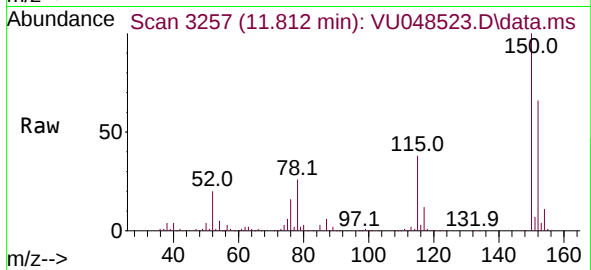
77 52.9 22.5 41.9#





#60
 1,2,3-Trichloropropane
 Concen: 3.873 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048523.D
 Acq: 11 May 2022 17:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14378
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.5 38.3
 110 3.0 28.9 43.3#

