

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049023.D
 Acq On : 11 Jun 2022 01:41
 Operator : SY/MD
 Sample : N3291-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DW4

Quant Time: Jun 11 02:47:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:44:31 2022
 Response via : Initial Calibration

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

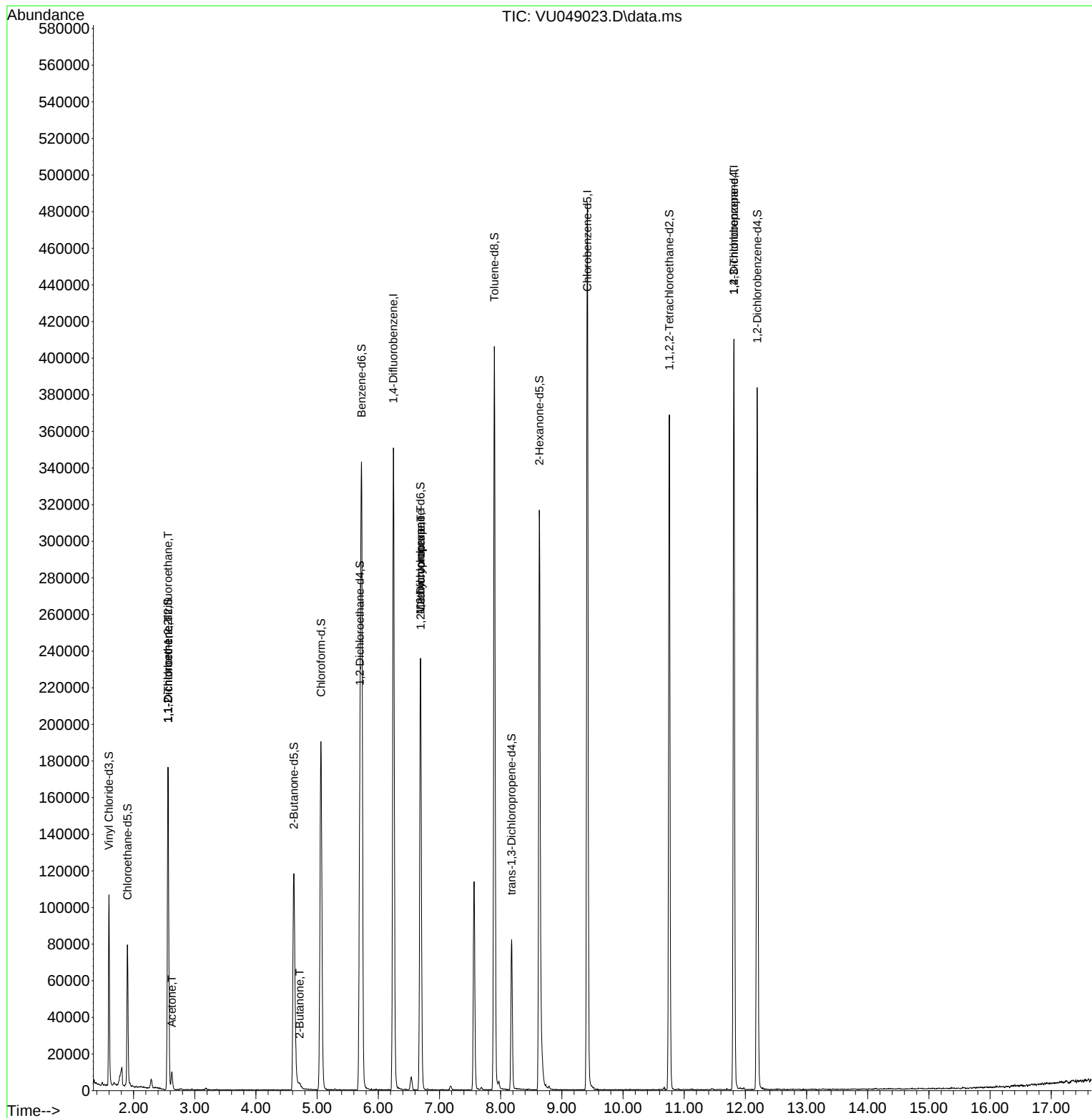
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	281823	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	268735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	112942	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73615	42.401	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.800%	
7) Chloroethane-d5	1.900	69	57061	44.762	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	89.520%	
11) 1,1-Dichloroethene-d2	2.562	63	104132	31.786	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.580%	
21) 2-Butanone-d5	4.620	46	170720	89.687	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.690%	
24) Chloroform-d	5.063	84	171318	46.256	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.520%	
26) 1,2-Dichloroethane-d4	5.700	65	119789	49.923	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.840%	
32) Benzene-d6	5.726	84	316986	47.569	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.140%	
36) 1,2-Dichloropropane-d6	6.690	67	112763	50.337	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.680%	
41) Toluene-d8	7.896	98	266933	45.421	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.840%	
43) trans-1,3-Dichloroprop...	8.179	79	45809	43.466	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.940%	
47) 2-Hexanone-d5	8.632	63	100155	85.424	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	85.420%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	177010	47.309	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.620%	
66) 1,2-Dichlorobenzene-d4	12.195	152	103253	52.543	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.080%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	735	0.370	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	992	0.571	ug/L #	1
13) Acetone	2.626	43	10234	6.832	ug/L	91
22) 2-Butanone	4.713	43	4051	1.760	ug/L	80
35) Methylcyclohexane	6.690	83	26124	8.528	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	11521	4.693	ug/L #	88
60) 1,2,3-Trichloropropane	11.812	75	12174	4.250	ug/L #	68

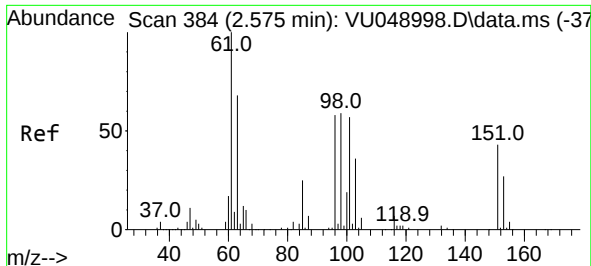
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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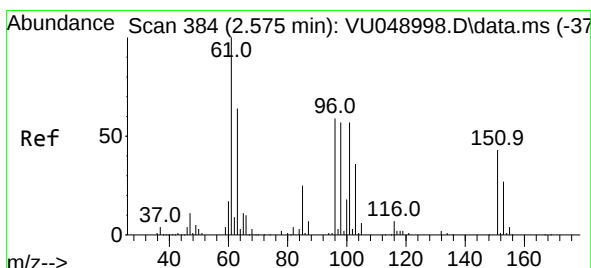
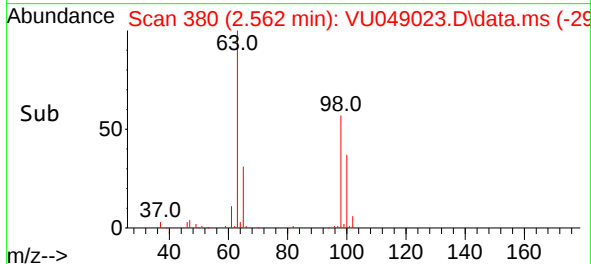
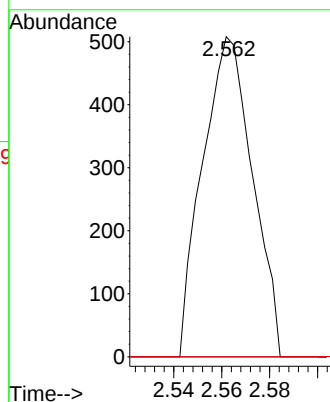
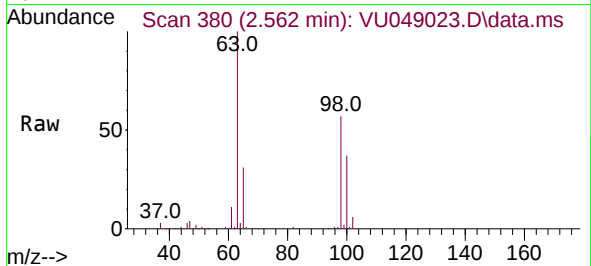




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.370 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU049023.D
Acq: 11 Jun 2022 01:41

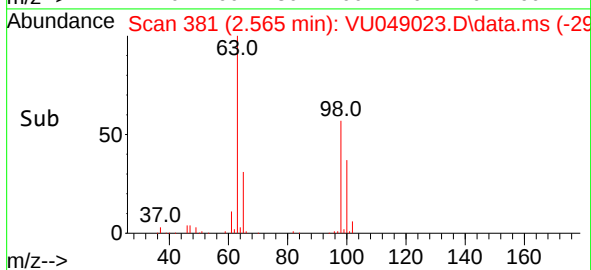
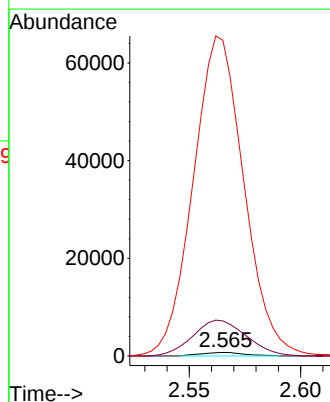
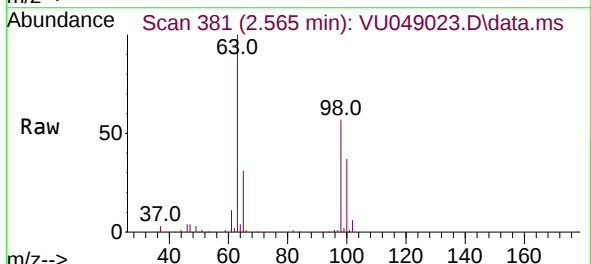
Instrument :
MSVOA_U
ClientSampleId :
C0DW4

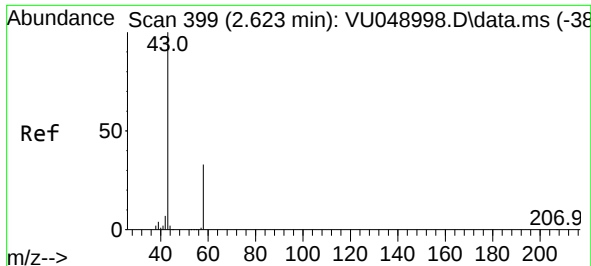
Tgt Ion:101 Resp: 735
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 0.571 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU049023.D
Acq: 11 Jun 2022 01:41

Tgt Ion: 96 Resp: 992
Ion Ratio Lower Upper
96 100
61 977.0 123.5 229.3#
63 8781.5 86.0 159.8#





#13

Acetone

Concen: 6.832 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU049023.D

Acq: 11 Jun 2022 01:41

Instrument :

MSVOA_U

ClientSampleId :

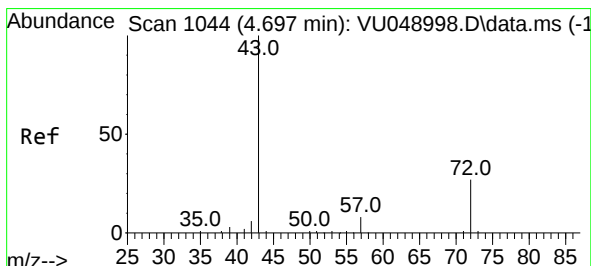
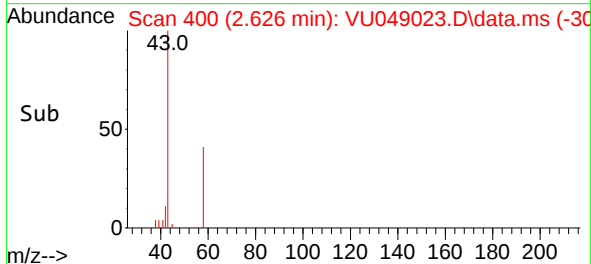
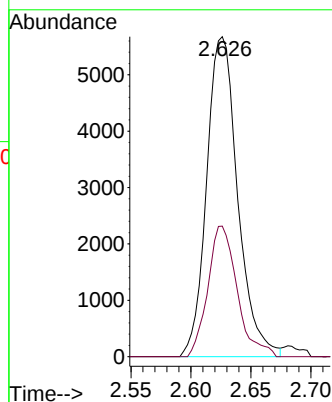
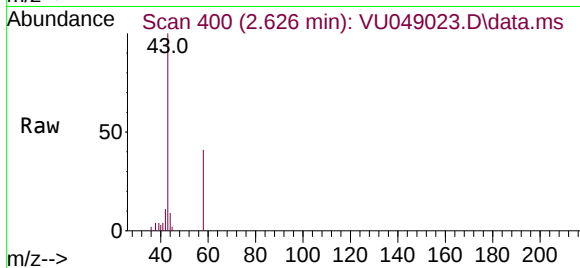
C0DW4

Tgt Ion: 43 Resp: 10234

Ion Ratio Lower Upper

43 100

58 38.4 0.0 66.4



#22

2-Butanone

Concen: 1.760 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.016 min

Lab File: VU049023.D

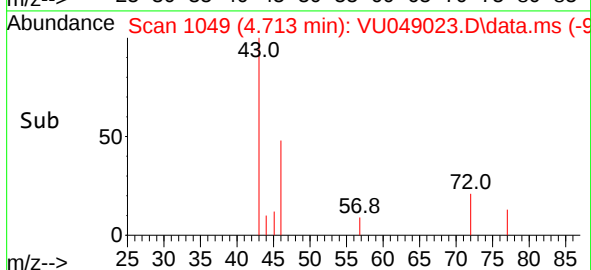
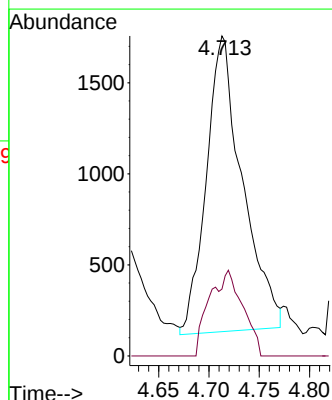
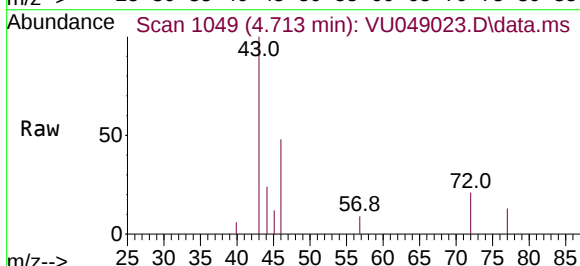
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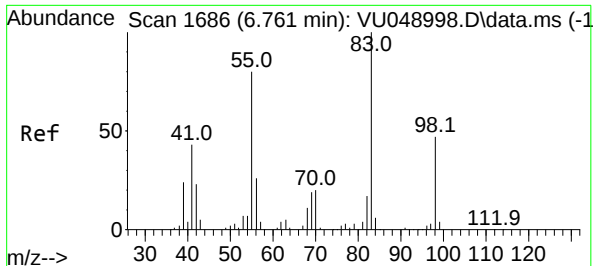
Tgt Ion: 43 Resp: 4051

Ion Ratio Lower Upper

43 100

72 16.9 13.7 41.0





#35

Methylcyclohexane

Concen: 8.528 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049023.D

Acq: 11 Jun 2022 01:41

Instrument :

MSVOA_U

ClientSampleId :

C0DW4

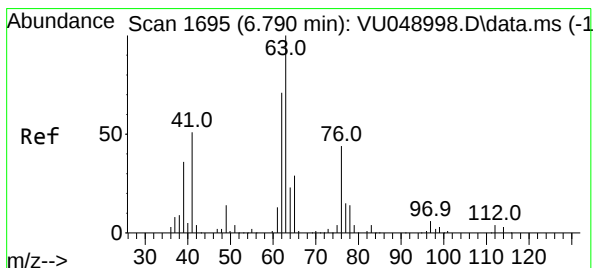
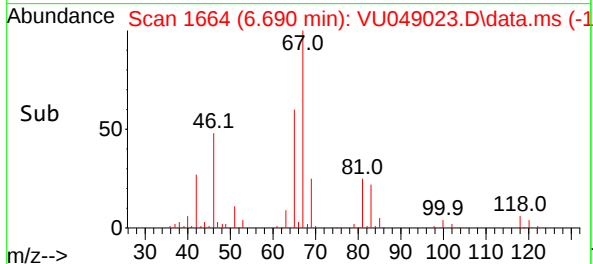
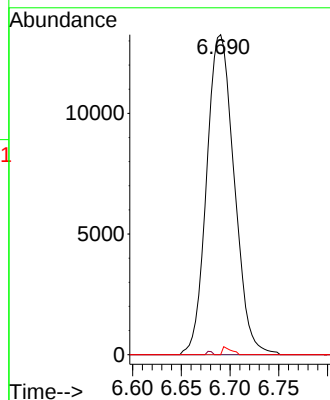
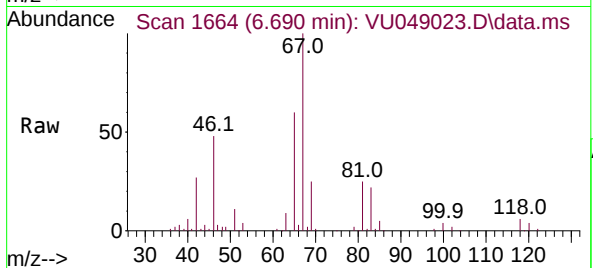
Tgt Ion: 83 Resp: 26124

Ion Ratio Lower Upper

83 100

55 0.2 61.0 91.6#

98 0.8 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 4.693 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.097 min

Lab File: VU049023.D

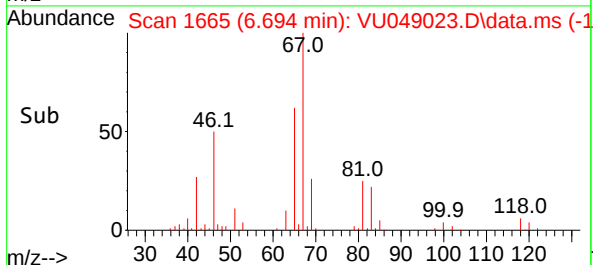
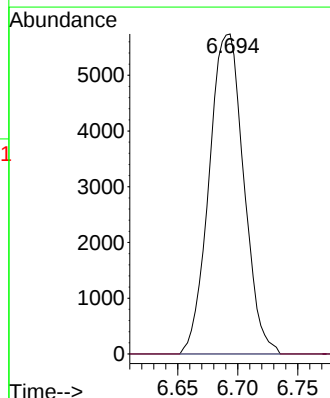
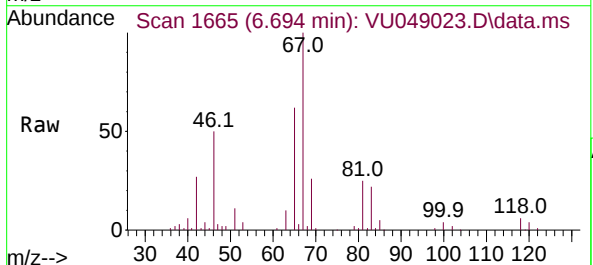
Acq: 11 Jun 2022 01:41

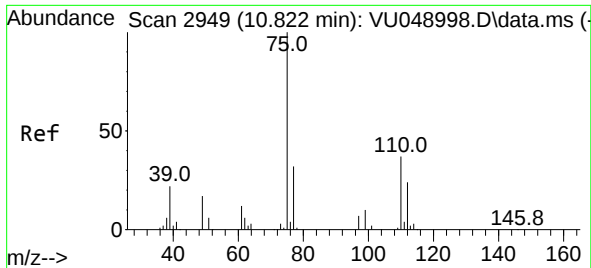
Tgt Ion: 63 Resp: 11521

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#60
 1,2,3-Trichloropropane
 Concen: 4.250 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049023.D
 Acq: 11 Jun 2022 01:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DW4

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.8	26.6	40.0
110	2.8	30.2	45.4

