

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049015.D
 Acq On : 10 Jun 2022 22:33
 Operator : SY/MD
 Sample : N3254-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH2

Quant Time: Jun 11 02:46:19 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)

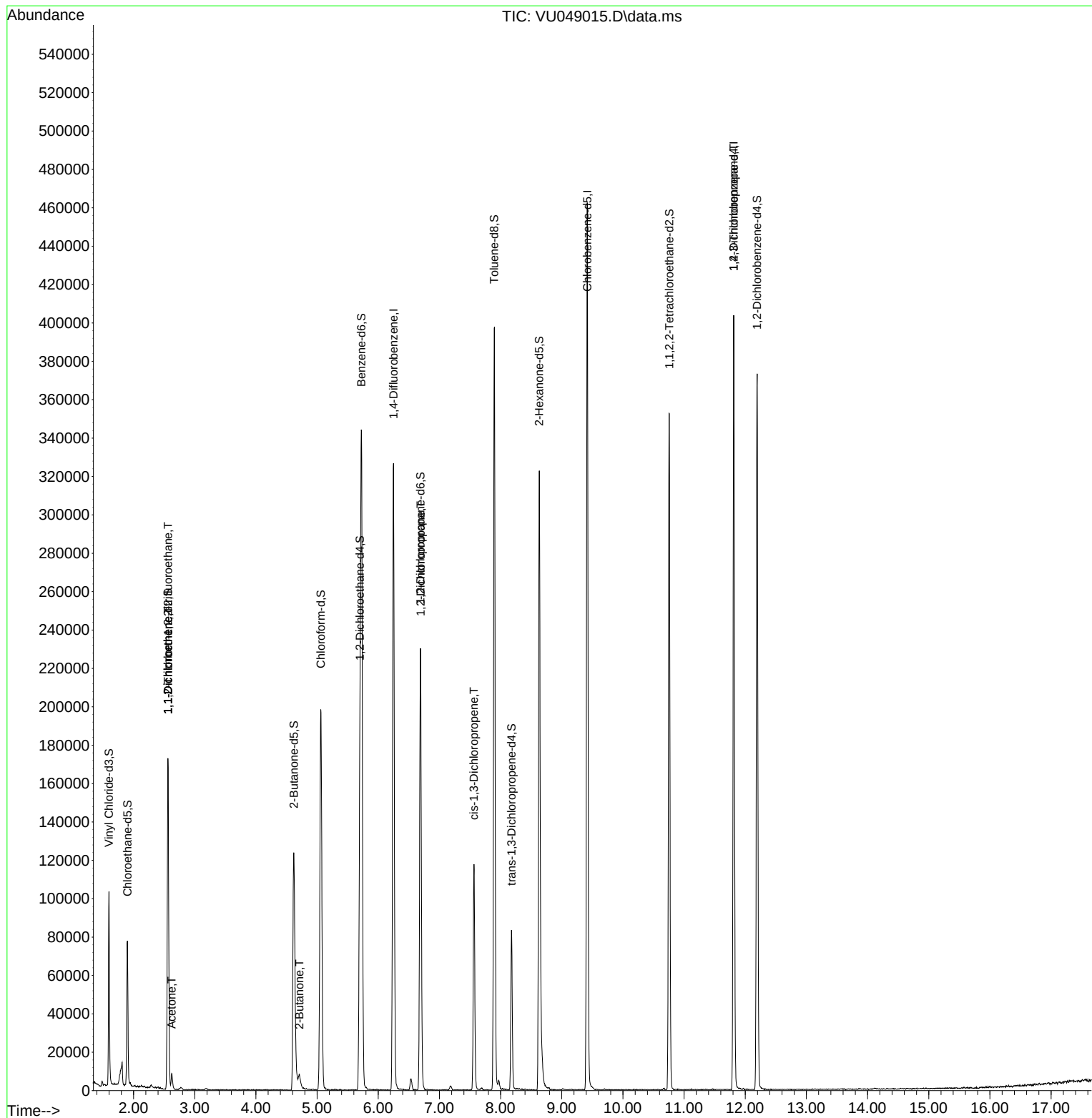
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	264814	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	254965	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109388	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71704	43.953	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.900%
7) Chloroethane-d5	1.899	69	56080	46.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.640%
11) 1,1-Dichloroethene-d2	2.562	63	102830	33.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.800%
21) 2-Butanone-d5	4.620	46	183190	102.419	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.420%
24) Chloroform-d	5.063	84	169435	48.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.380%
26) 1,2-Dichloroethane-d4	5.700	65	119847	53.155	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.300%
32) Benzene-d6	5.726	84	314473	49.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
36) 1,2-Dichloropropane-d6	6.690	67	108802	51.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.380%
41) Toluene-d8	7.896	98	260136	46.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	8.179	79	45863	45.868	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.740%
47) 2-Hexanone-d5	8.632	63	102387	92.044	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	172569	48.613	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	101260	53.203	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	942	0.505	ug/L #	19
12) 1,1-Dichloroethene	2.562	96	749	0.459	ug/L #	1
13) Acetone	2.623	43	9259	6.579	ug/L	100
22) 2-Butanone	4.710	43	10088	4.664	ug/L	85
37) 1,2-Dichloropropane	6.693	63	11816	5.073	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2569	0.750	ug/L	84
60) 1,2,3-Trichloropropane	11.812	75	11555	4.164	ug/L #	68

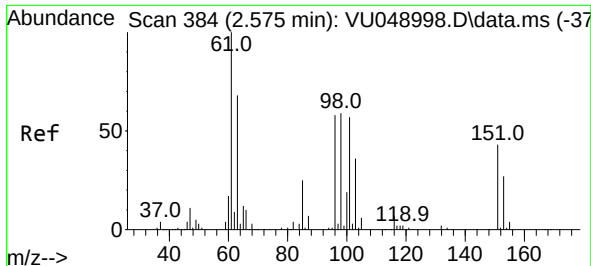
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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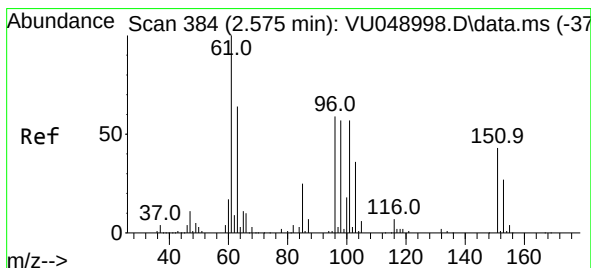
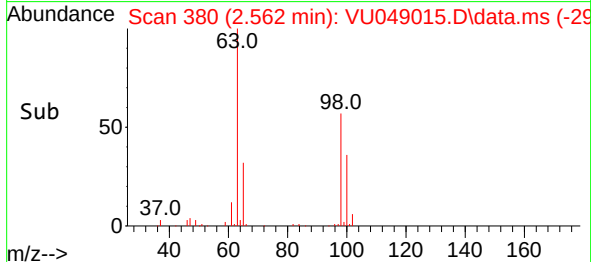
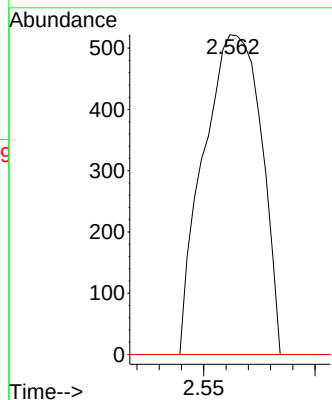
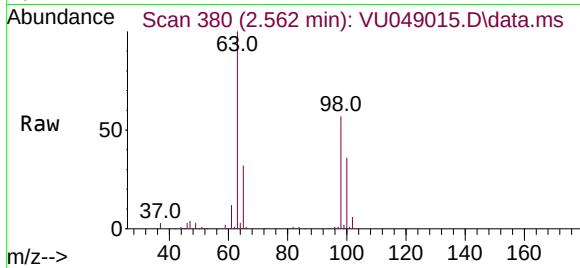




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.505 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU049015.D
Acq: 10 Jun 2022 22:33

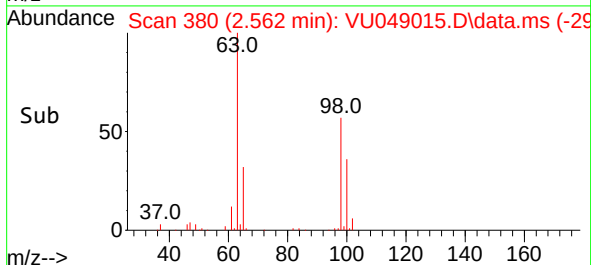
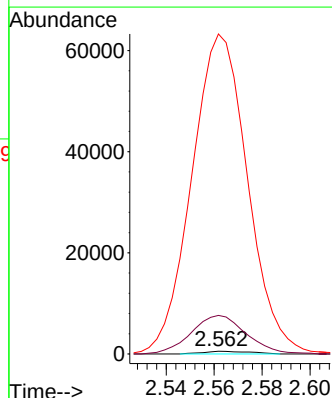
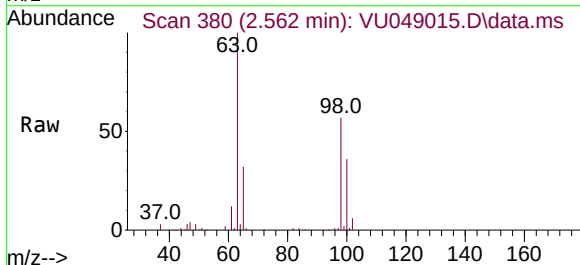
Instrument :
MSVOA_U
ClientSampleId :
C0DH2

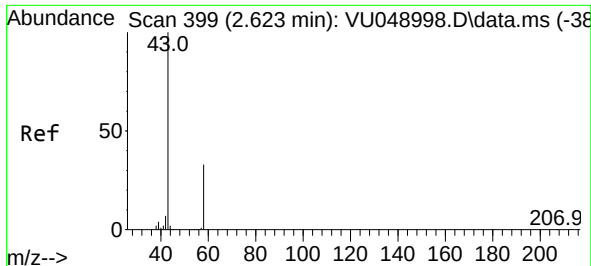
Tgt Ion:101 Resp: 942
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 0.459 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU049015.D
Acq: 10 Jun 2022 22:33

Tgt Ion: 96 Resp: 749
Ion Ratio Lower Upper
96 100
61 1425.6 123.5 229.3#
63 11828.0 86.0 159.8#





#13

Acetone

Concen: 6.579 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU049015.D

Acq: 10 Jun 2022 22:33

Instrument :

MSVOA_U

ClientSampleId :

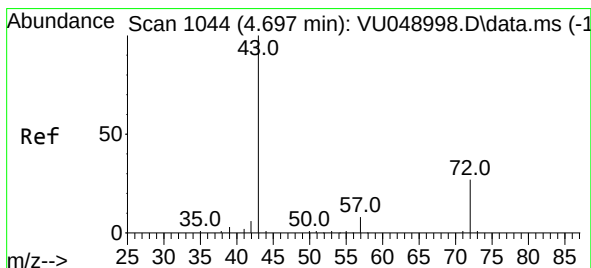
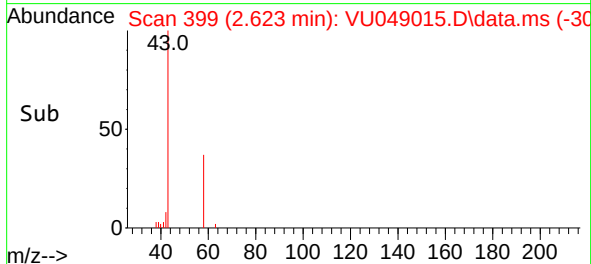
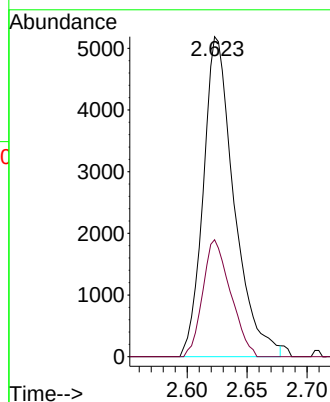
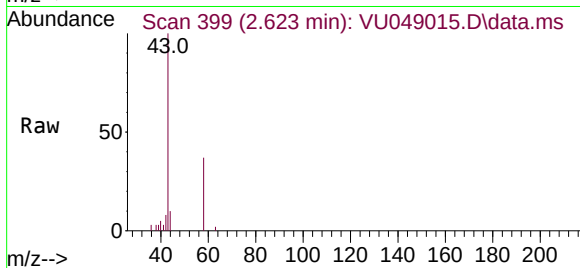
C0DH2

Tgt Ion: 43 Resp: 9259

Ion Ratio Lower Upper

43 100

58 33.0 0.0 66.4



#22

2-Butanone

Concen: 4.664 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.013 min

Lab File: VU049015.D

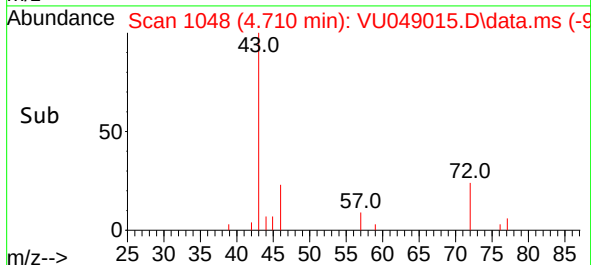
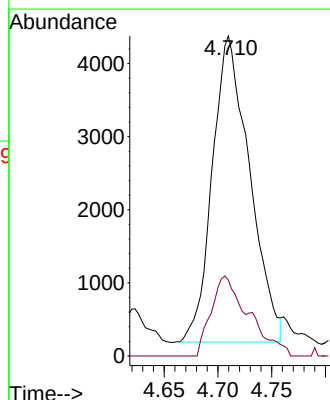
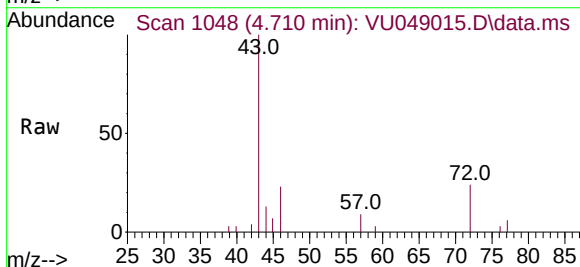
Acq: 10 Jun 2022 22:33

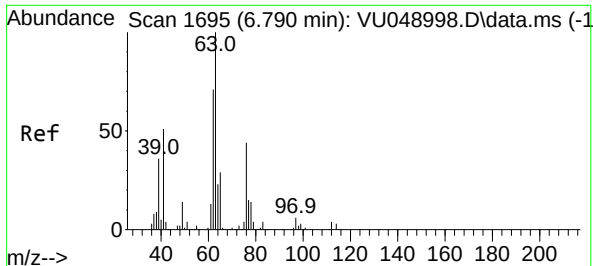
Tgt Ion: 43 Resp: 10088

Ion Ratio Lower Upper

43 100

72 19.5 13.7 41.0





#37

1,2-Dichloropropane

Concen: 5.073 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU049015.D

Acq: 10 Jun 2022 22:33

Instrument :

MSVOA_U

ClientSampleId :

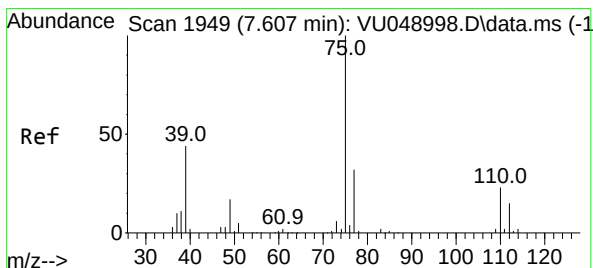
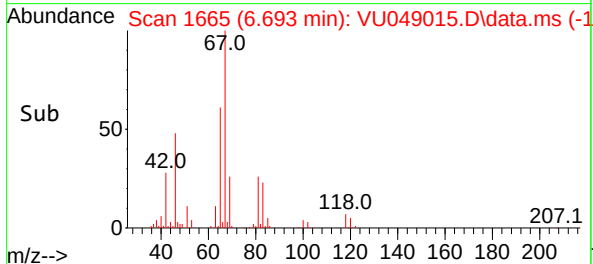
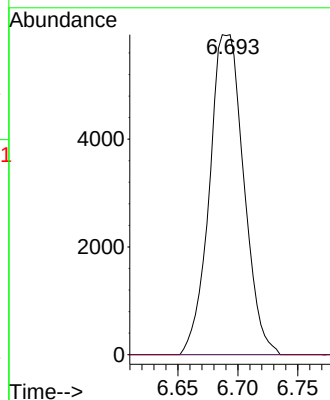
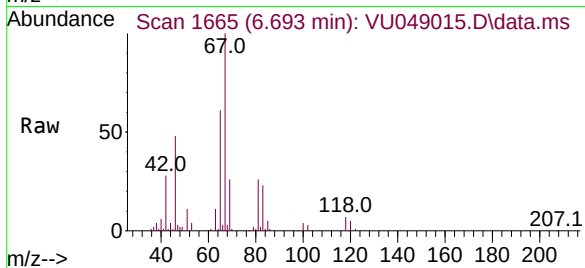
C0DH2

Tgt Ion: 63 Resp: 11816

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.750 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049015.D

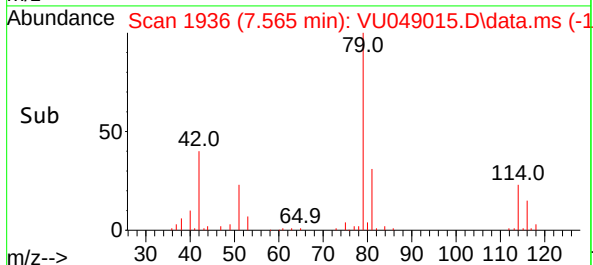
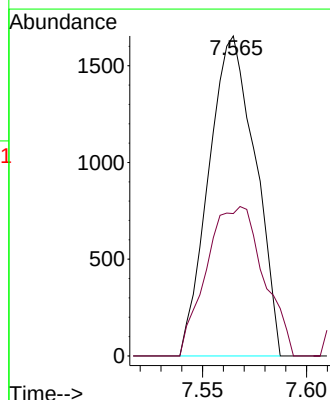
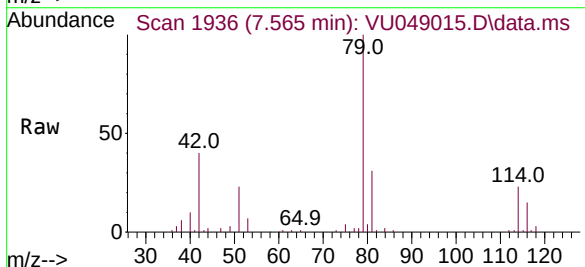
Acq: 10 Jun 2022 22:33

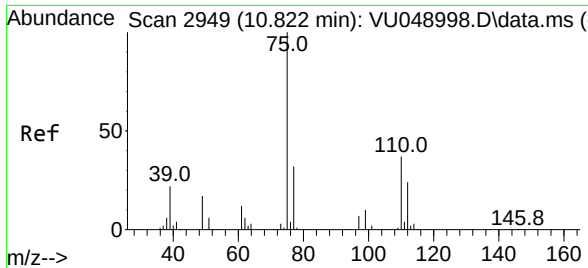
Tgt Ion: 75 Resp: 2569

Ion Ratio Lower Upper

75 100

77 41.2 22.6 42.0





#60
 1,2,3-Trichloropropane
 Concen: 4.164 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049015.D
 Acq: 10 Jun 2022 22:33

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH2

Tgt Ion: 75	Resp:	11555
Ion Ratio	Lower	Upper
75	100	
77	33.7	26.6 40.0
110	2.5	30.2 45.4#

