

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049022.D
 Acq On : 11 Jun 2022 01:18
 Operator : SY/MD
 Sample : N3291-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DT7

Quant Time: Jun 11 02:47:40 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)

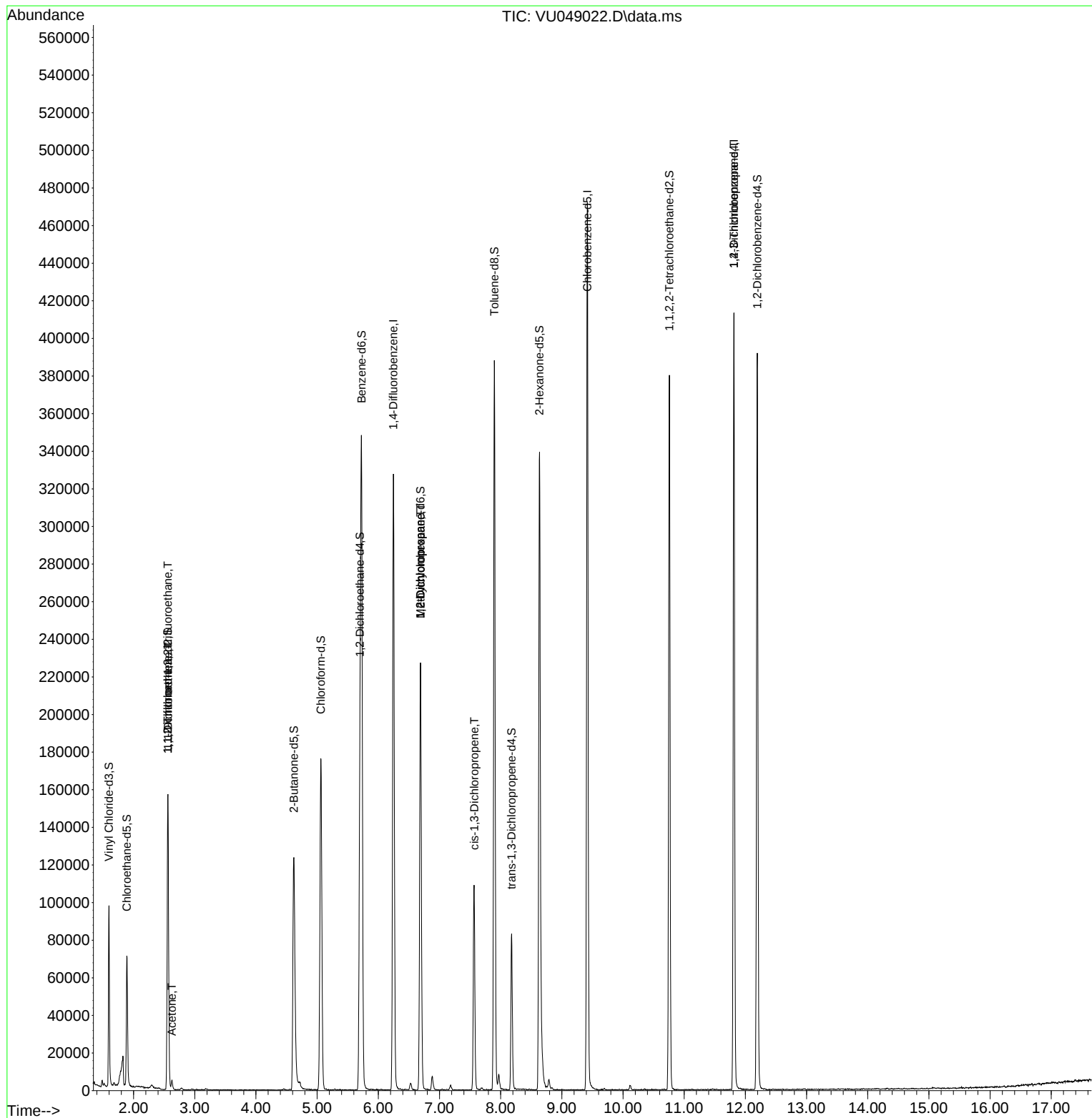
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	261252	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	265191	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	111392	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68554	42.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.200%
7) Chloroethane-d5	1.890	69	53037	44.882	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.760%
11) 1,1-Dichloroethene-d2	2.559	63	92844	30.572	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.140%
21) 2-Butanone-d5	4.620	46	184909	104.790	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.790%
24) Chloroform-d	5.060	84	165391	48.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.340%
26) 1,2-Dichloroethane-d4	5.700	65	117995	53.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.100%
32) Benzene-d6	5.726	84	315085	47.915	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.840%
36) 1,2-Dichloropropane-d6	6.690	67	108111	48.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.800%
41) Toluene-d8	7.896	98	257900	44.470	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.940%
43) trans-1,3-Dichloroprop...	8.179	79	45007	43.276	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.560%
47) 2-Hexanone-d5	8.632	63	106658	92.186	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.190%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	185584	50.263	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.520%
66) 1,2-Dichlorobenzene-d4	12.195	152	105981	54.681	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.360%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	712	0.387	ug/L #	19
12) 1,1-Dichloroethene	2.562	96	753	0.467	ug/L #	1
13) Acetone	2.626	43	5524	3.978	ug/L	98
35) Methylcyclohexane	6.690	83	25343	8.384	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	11588	4.783	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2417	0.678	ug/L #	56
60) 1,2,3-Trichloropropane	11.812	75	11203	3.965	ug/L #	67

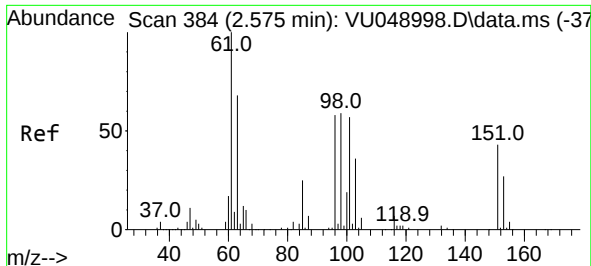
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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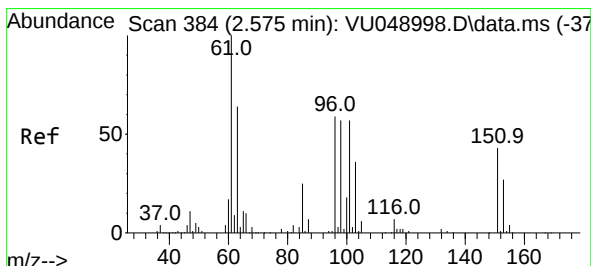
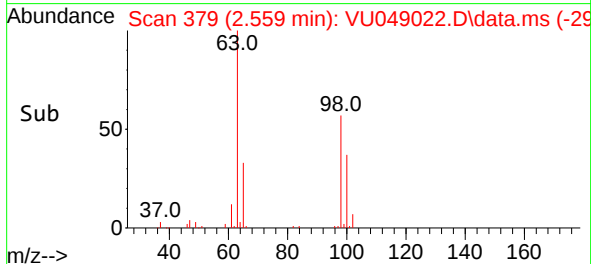
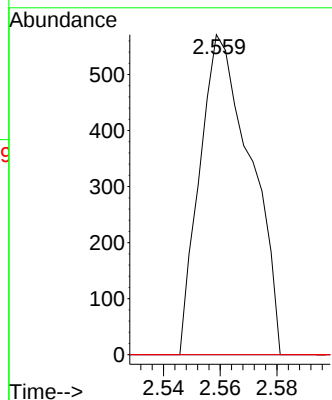
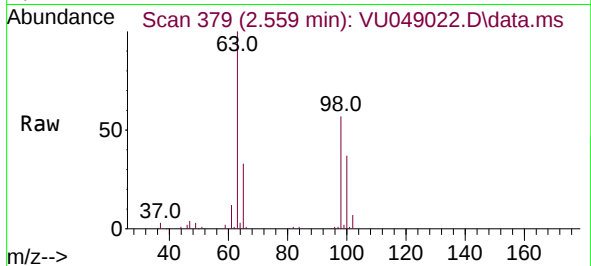




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.387 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU049022.D
Acq: 11 Jun 2022 01:18

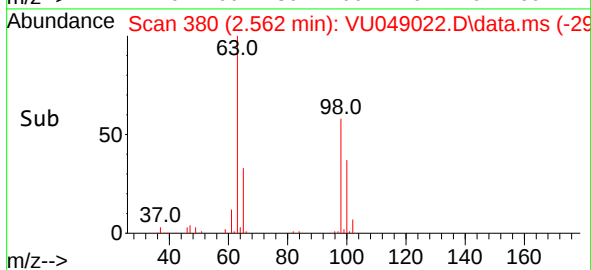
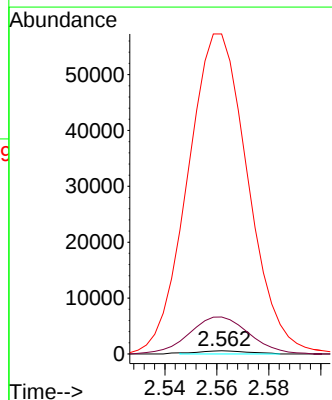
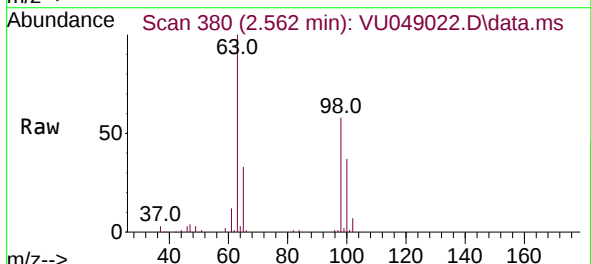
Instrument :
MSVOA_U
ClientSampleId :
C0DT7

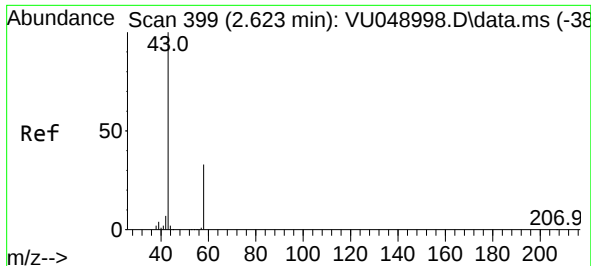
Tgt Ion:101 Resp: 712
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 0.467 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU049022.D
Acq: 11 Jun 2022 01:18

Tgt Ion: 96 Resp: 753
Ion Ratio Lower Upper
96 100
61 1178.1 123.5 229.3#
63 10207.5 86.0 159.8#





#13

Acetone

Concen: 3.978 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU049022.D

Acq: 11 Jun 2022 01:18

Instrument :

MSVOA_U

ClientSampleId :

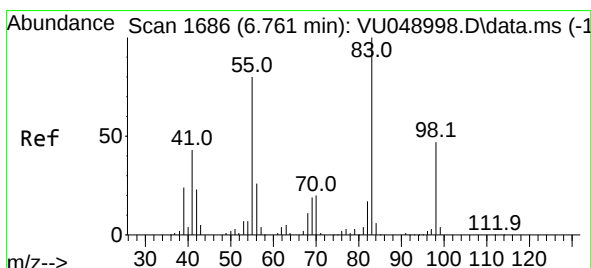
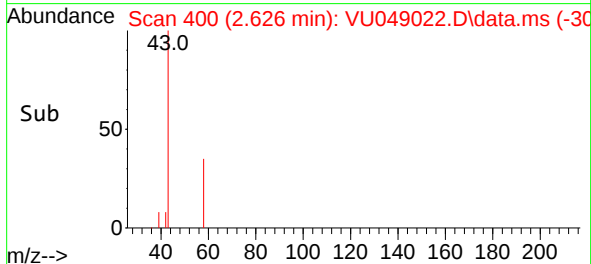
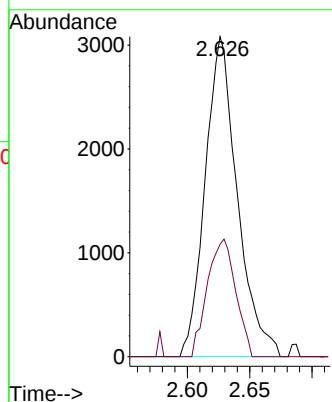
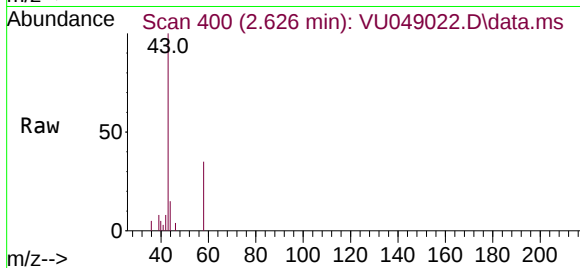
C0DT7

Tgt Ion: 43 Resp: 5524

Ion Ratio Lower Upper

43 100

58 32.3 0.0 66.4



#35

Methylcyclohexane

Concen: 8.384 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049022.D

Acq: 11 Jun 2022 01:18

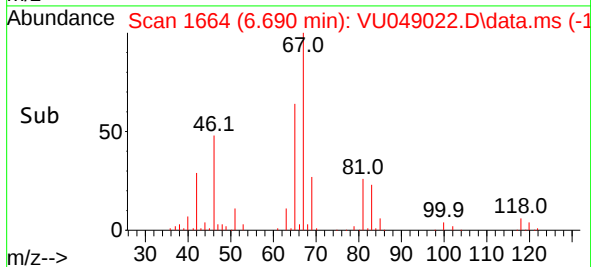
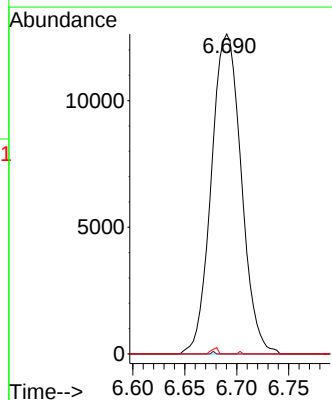
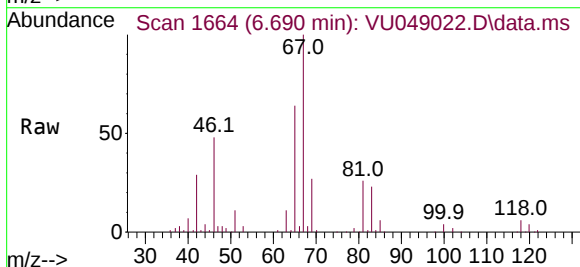
Tgt Ion: 83 Resp: 25343

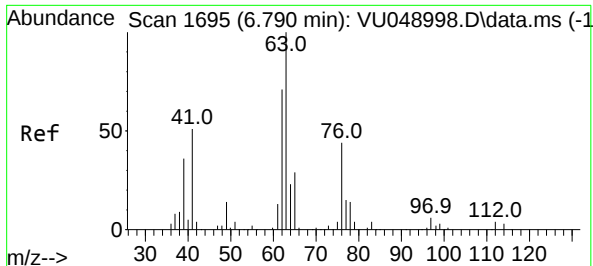
Ion Ratio Lower Upper

83 100

55 2.0 61.0 91.6#

98 0.4 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 4.783 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049022.D

Acq: 11 Jun 2022 01:18

Instrument :

MSVOA_U

ClientSampleId :

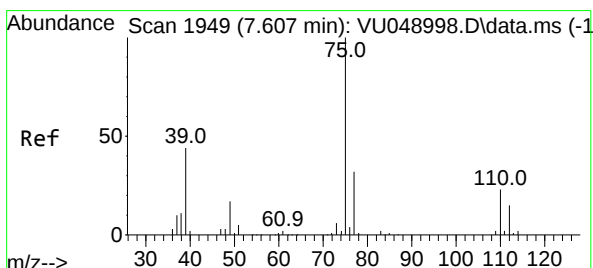
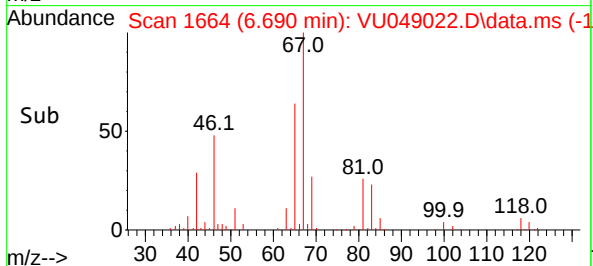
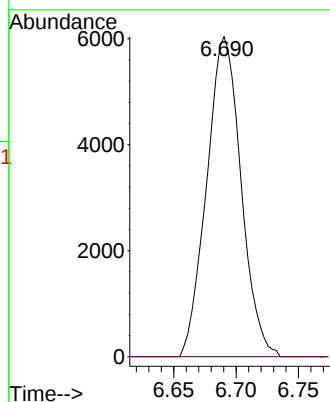
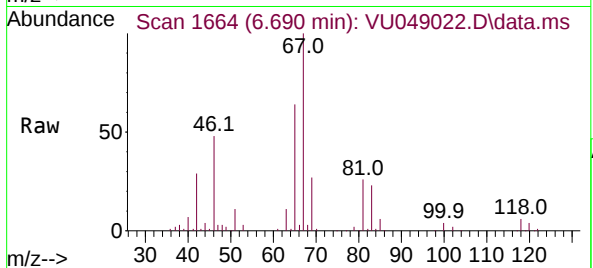
C0DT7

Tgt Ion: 63 Resp: 11588

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.678 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049022.D

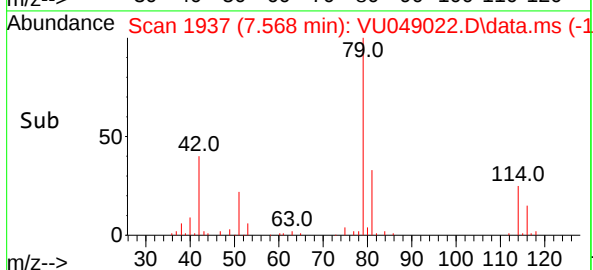
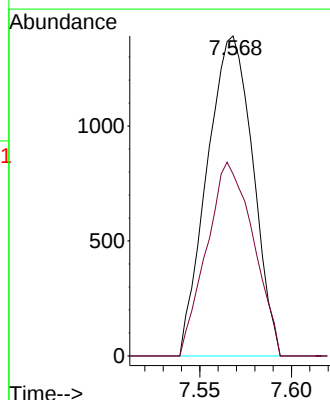
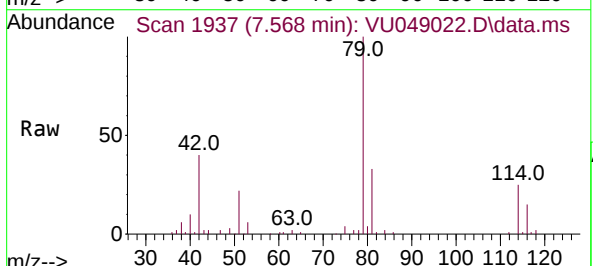
Acq: 11 Jun 2022 01:18

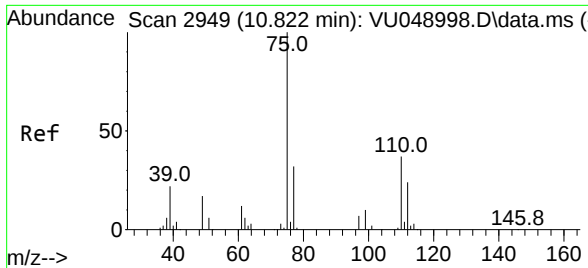
Tgt Ion: 75 Resp: 2417

Ion Ratio Lower Upper

75 100

77 56.9 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 3.965 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049022.D
 Acq: 11 Jun 2022 01:18

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DT7

Tgt Ion: 75	Resp:	11203
Ion Ratio	Lower	Upper
75	100	
77	33.1	26.6 40.0
110	1.0	30.2 45.4#

