

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049097.D
 Acq On : 12 Jun 2022 17:33
 Operator : SY/MD
 Sample : N3255-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DR9

Quant Time: Jun 13 05:05:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 05:01:30 2022
 Response via : Initial Calibration

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

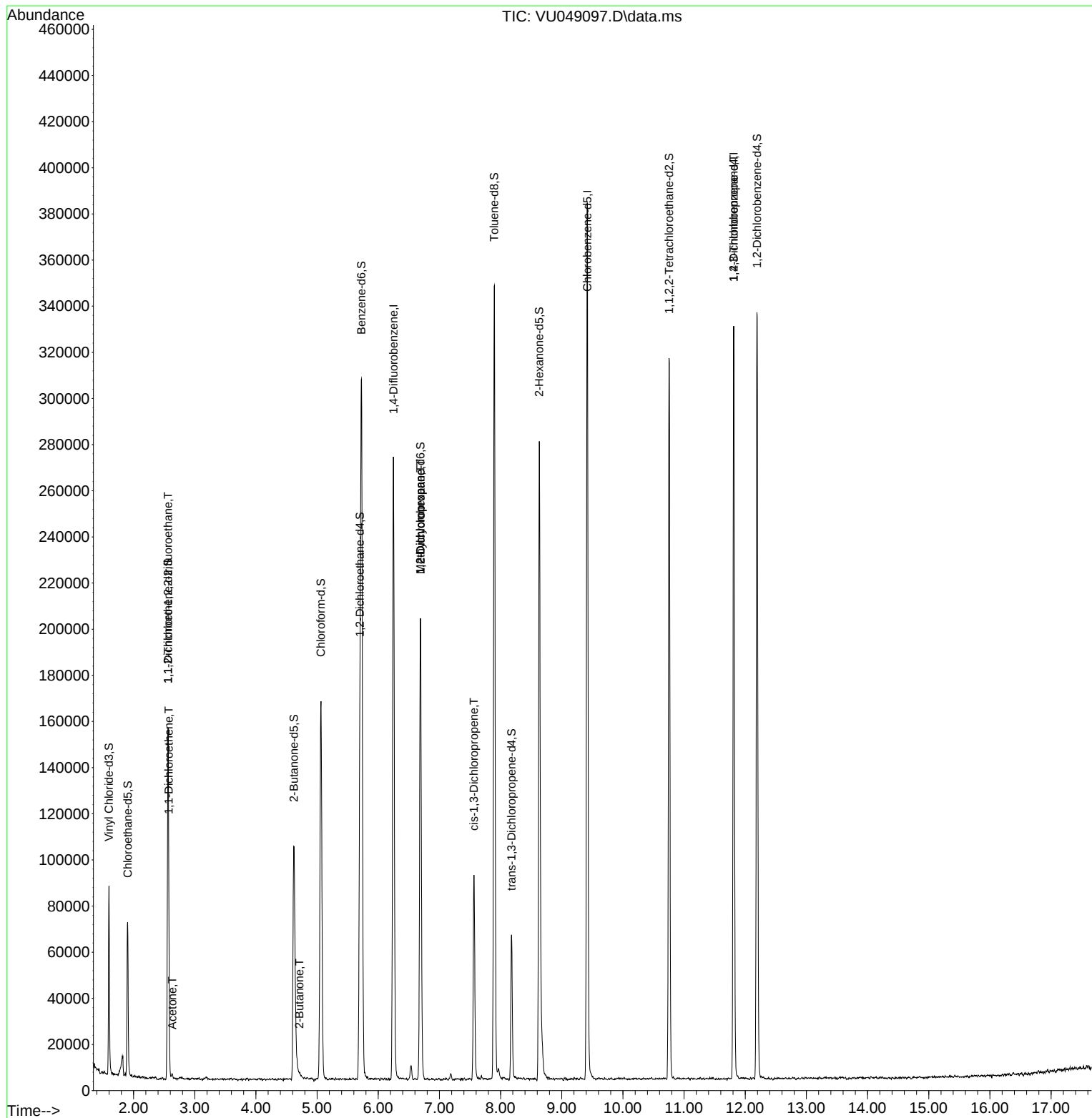
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	221858	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	213946	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58306	42.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.320%
7) Chloroethane-d5	1.903	69	48778	48.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.220%
11) 1,1-Dichloroethene-d2	2.565	63	88114	34.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.340%
21) 2-Butanone-d5	4.620	46	150355	100.338	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.340%
24) Chloroform-d	5.063	84	153386	52.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.220%
26) 1,2-Dichloroethane-d4	5.700	65	106058	56.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.300%
32) Benzene-d6	5.726	84	281280	53.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.040%
36) 1,2-Dichloropropane-d6	6.690	67	95823	53.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.460%
41) Toluene-d8	7.896	98	230825	49.335	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.680%
43) trans-1,3-Dichloroprop...	8.179	79	35629	42.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.920%
47) 2-Hexanone-d5	8.632	63	85644	91.754	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.750%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	152346	51.144	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.280%
66) 1,2-Dichlorobenzene-d4	12.192	152	91605	58.180	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.360%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	784	0.502	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	1877	1.372	ug/L #	1
13) Acetone	2.633	43	2600	2.205	ug/L	92
22) 2-Butanone	4.710	43	1798	0.992	ug/L #	55
35) Methylcyclohexane	6.690	83	22154	9.084	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10648	5.448	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2187	0.760	ug/L #	54
60) 1,2,3-Trichloropropane	11.812	75	8984	3.914	ug/L #	66

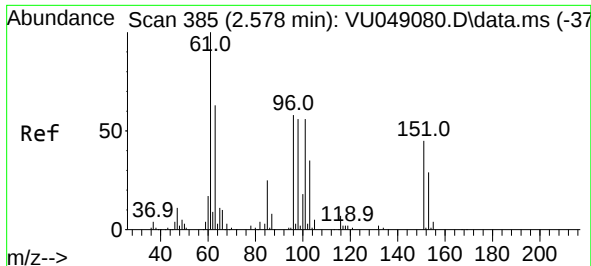
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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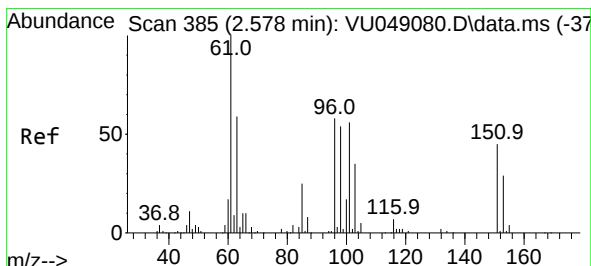
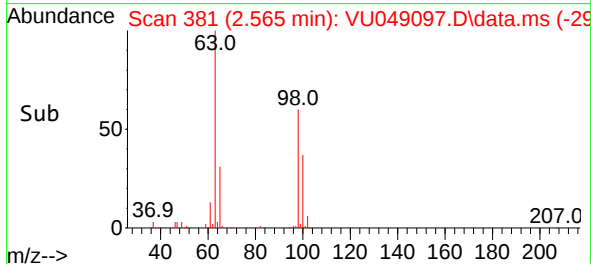
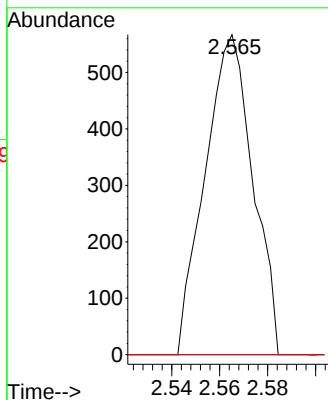
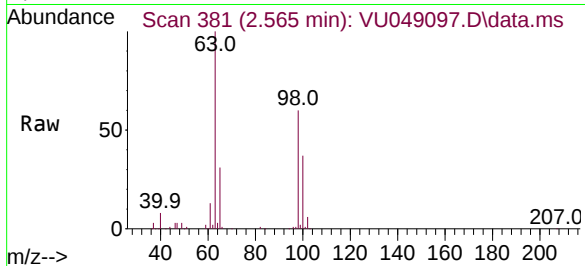




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.502 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU049097.D
Acq: 12 Jun 2022 17:33

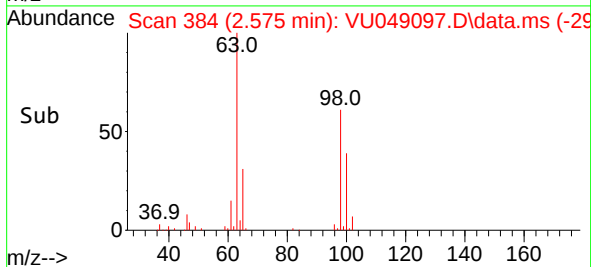
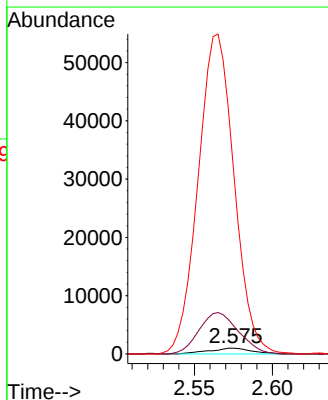
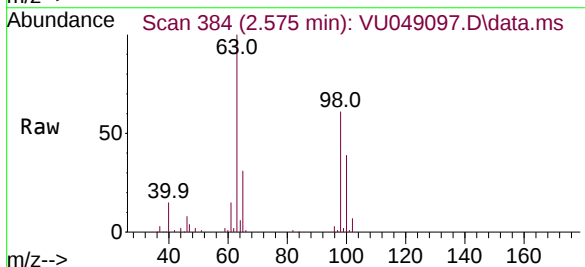
Instrument :
MSVOA_U
ClientSampleId :
C0DR9

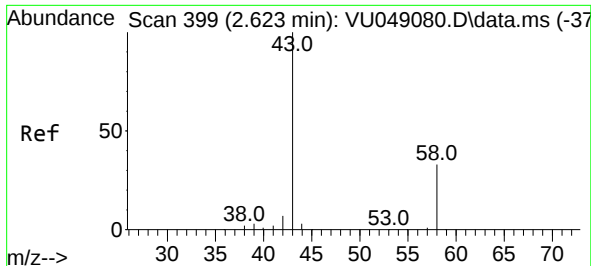
Tgt Ion:101 Resp: 784
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 1.372 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU049097.D
Acq: 12 Jun 2022 17:33

Tgt Ion: 96 Resp: 1877
Ion Ratio Lower Upper
96 100
61 501.7 123.5 229.3#
63 3304.2 86.0 159.8#





#13

Acetone

Concen: 2.205 ug/L

RT: 2.633 min Scan# 40

Delta R.T. 0.010 min

Lab File: VU049097.D

Acq: 12 Jun 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

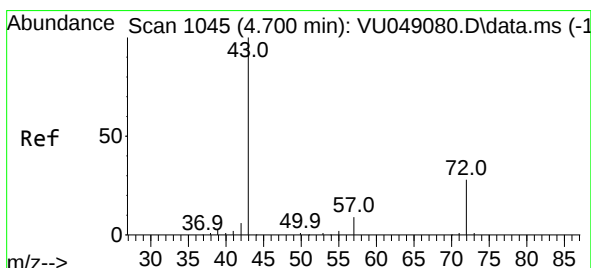
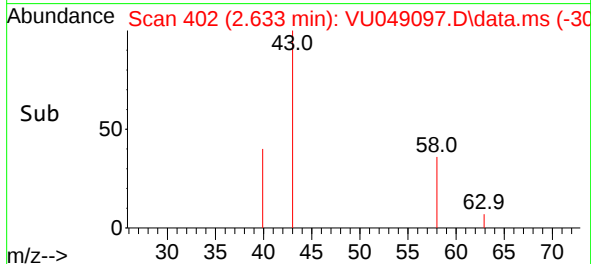
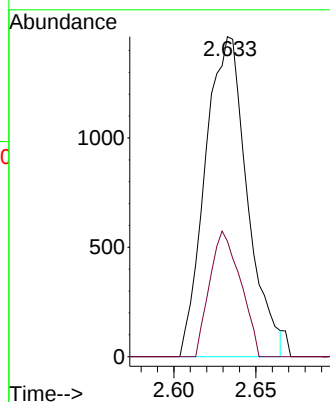
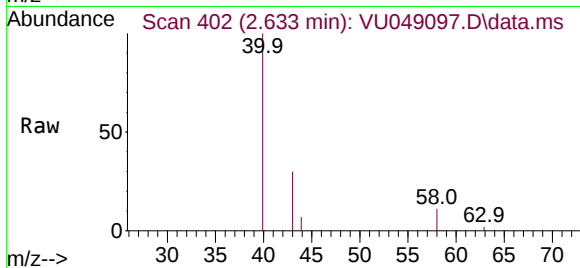
C0DR9

Tgt Ion: 43 Resp: 2600

Ion Ratio Lower Upper

43 100

58 28.7 0.0 66.4



#22

2-Butanone

Concen: 0.992 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.010 min

Lab File: VU049097.D

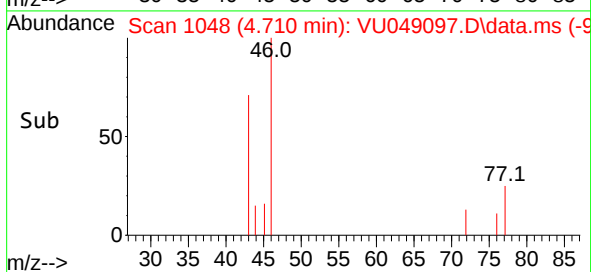
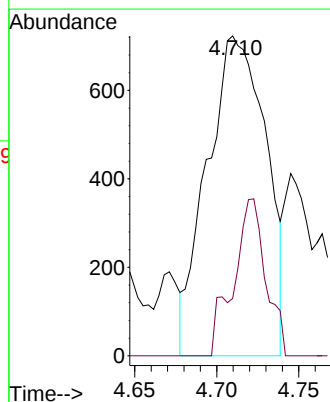
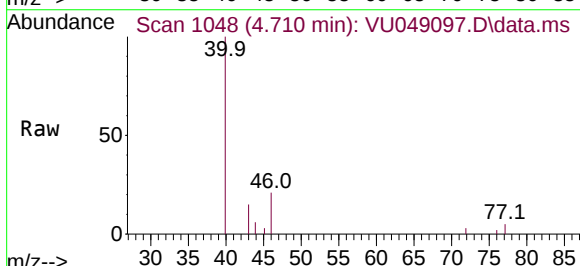
Acq: 12 Jun 2022 17:33

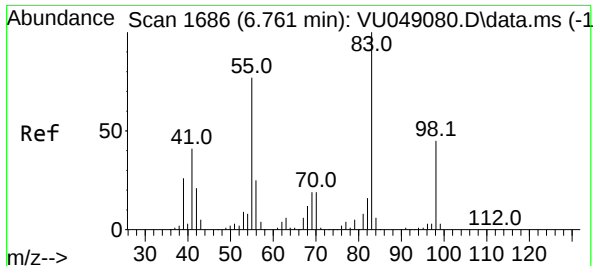
Tgt Ion: 43 Resp: 1798

Ion Ratio Lower Upper

43 100

72 4.1 13.7 41.0#





#35

Methylcyclohexane

Concen: 9.084 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049097.D

Acq: 12 Jun 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

C0DR9

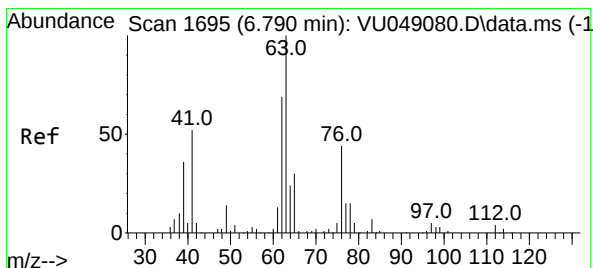
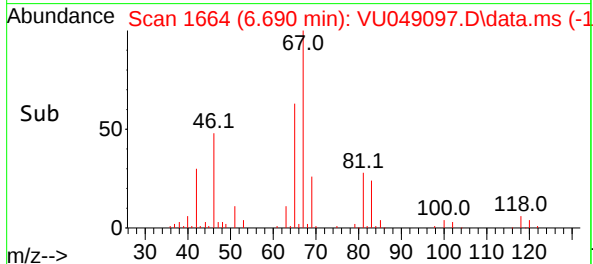
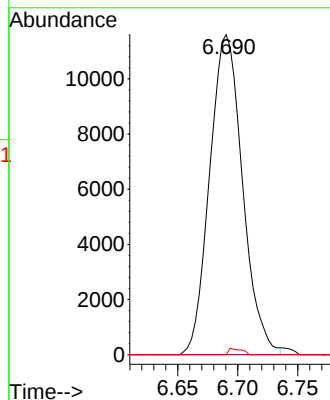
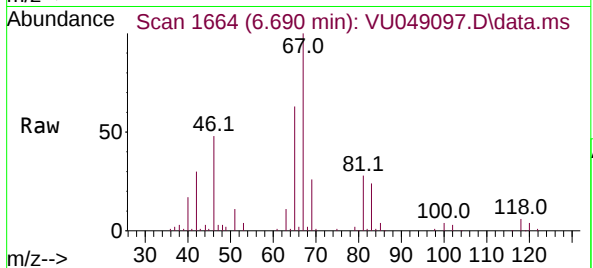
Tgt Ion: 83 Resp: 22154

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.6#

98 0.8 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 5.448 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049097.D

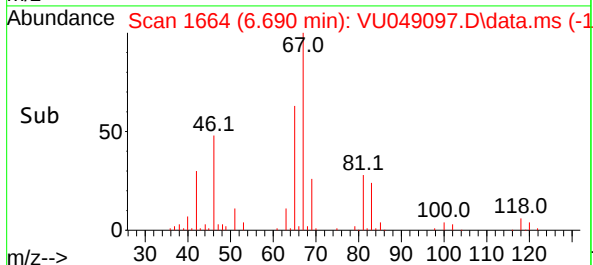
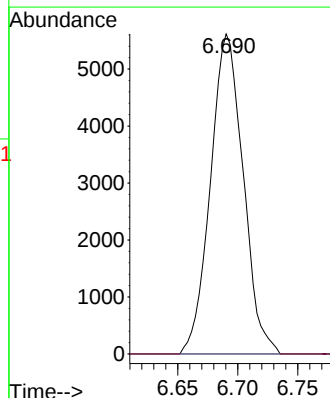
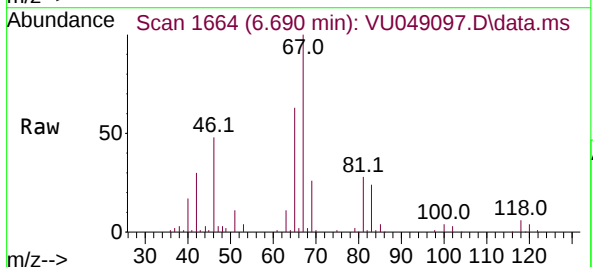
Acq: 12 Jun 2022 17:33

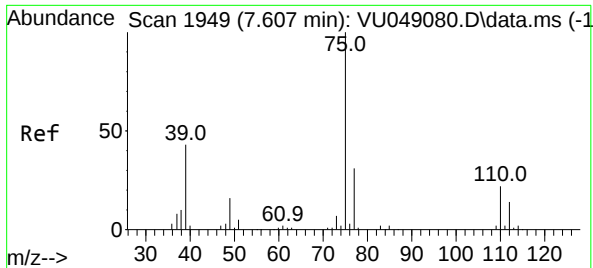
Tgt Ion: 63 Resp: 10648

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.760 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049097.D

Acq: 12 Jun 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

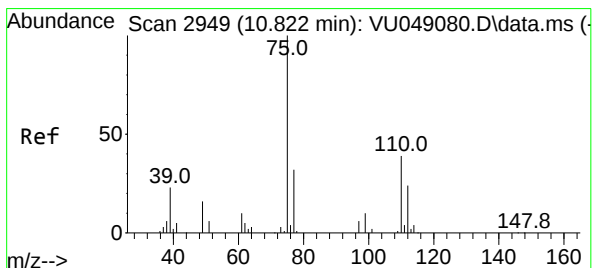
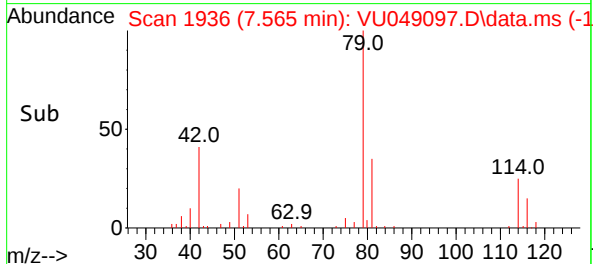
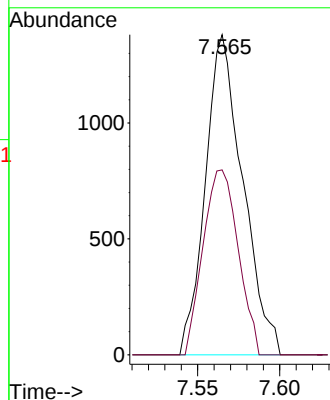
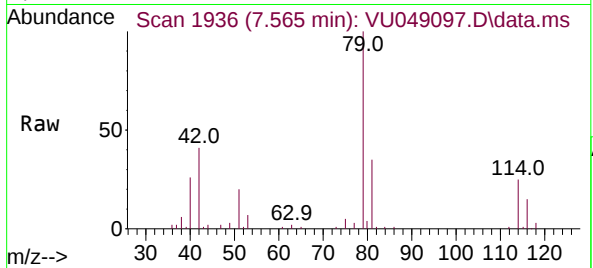
C0DR9

Tgt Ion: 75 Resp: 2187

Ion Ratio Lower Upper

75 100

77 57.8 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 3.914 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049097.D

Acq: 12 Jun 2022 17:33

Tgt Ion: 75 Resp: 8984

Ion Ratio Lower Upper

75 100

77 35.8 26.6 40.0

110 2.0 30.2 45.4#

