

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050067.D
 Acq On : 04 Aug 2022 17:42
 Operator : SY/MD
 Sample : N4022-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D56

Quant Time: Aug 05 04:54:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

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

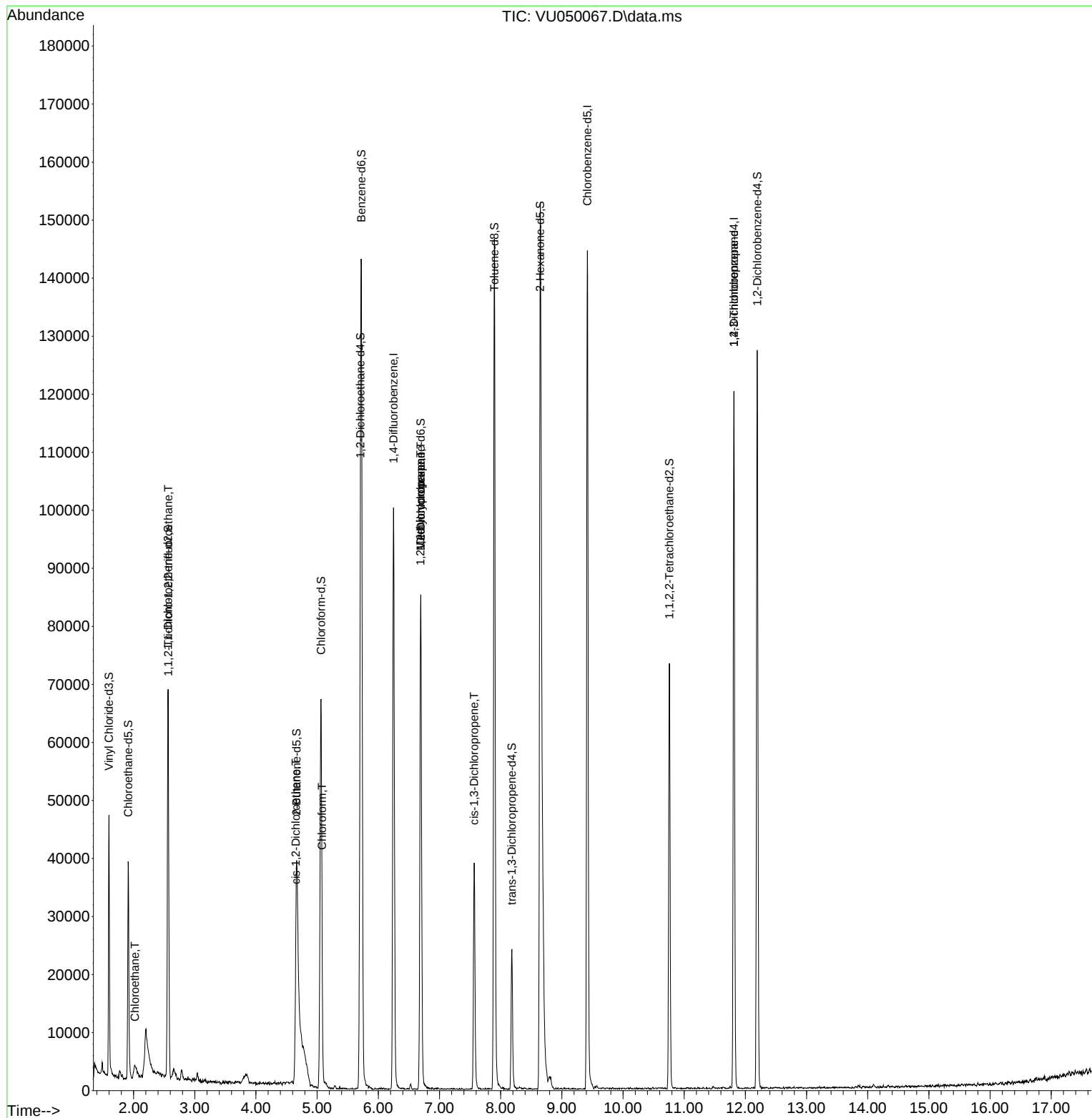
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	83914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	85289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32998	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30965	4.434	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.912	69	27491	4.879	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.562	65	12690	4.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.665	46	91799	53.905	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.820%
24) Chloroform-d	5.063	84	63625	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.706	65	34070	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.722	84	125429	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.694	67	43910	5.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.896	98	103079	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.182	79	14615	4.653	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.645	63	55104	49.475	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38864	5.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	35586	5.504	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
8) Chloroethane	2.022	64	5980	1.126	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	359	0.065	ug/L #	22
22) cis-1,2-Dichloroethene	4.652	96	413	0.057	ug/L	83
25) Chloroform	5.079	83	19	0.001	ug/L #	23
35) Methylcyclohexane	6.694	83	9938	1.065	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4244	0.533	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1061	0.102	ug/L #	58
61) 1,2,3-Trichloropropane	11.812	75	4072	0.906	ug/L #	68

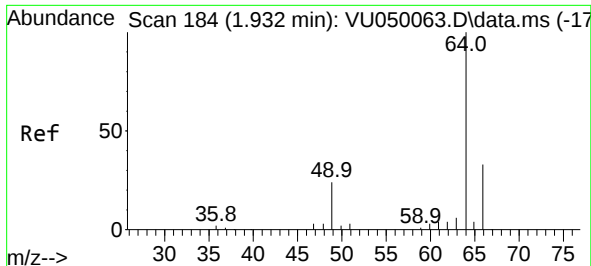
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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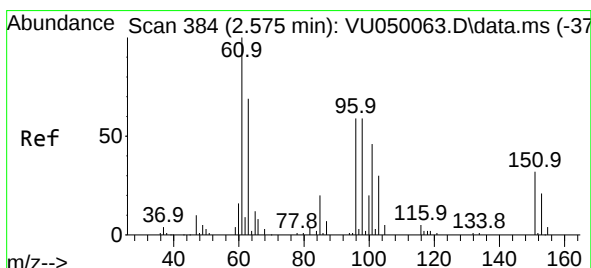
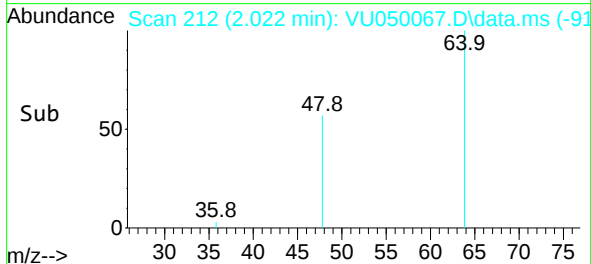
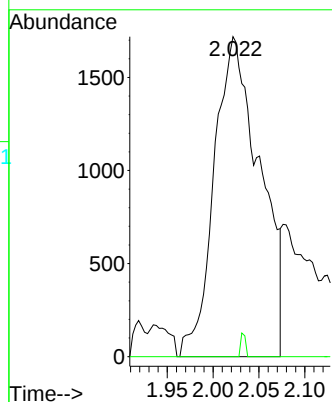
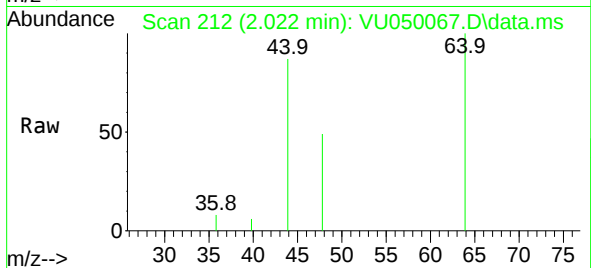




#8
Chloroethane
Concen: 1.126 ug/L
RT: 2.022 min Scan# 21
Delta R.T. 0.090 min
Lab File: VU050067.D
Acq: 04 Aug 2022 17:42

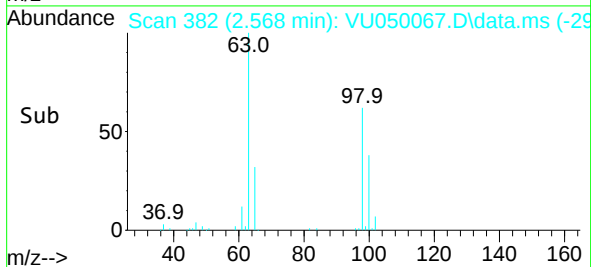
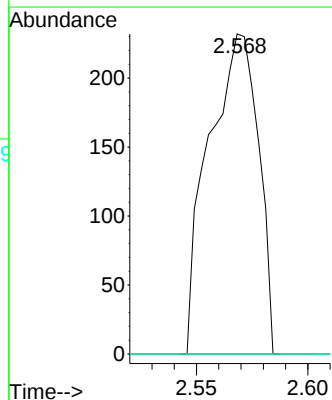
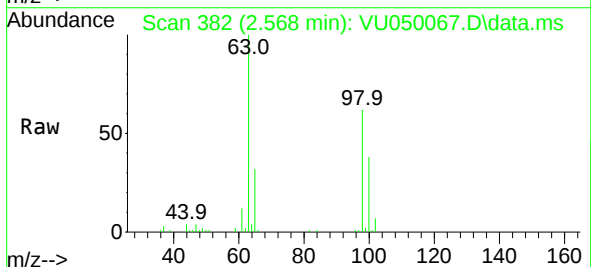
Instrument :
MSVOA_U
ClientSampleId :
F5D56

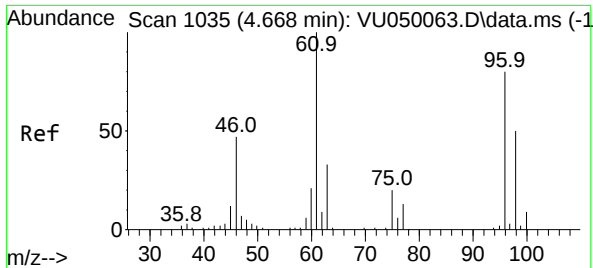
Tgt Ion: 64 Resp: 5980
Ion Ratio Lower Upper
64 100
66 0.0 22.8 42.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.065 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.006 min
Lab File: VU050067.D
Acq: 04 Aug 2022 17:42

Tgt Ion: 101 Resp: 359
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#





#22

cis-1,2-Dichloroethene

Concen: 0.057 ug/L

RT: 4.652 min Scan# 1030

Delta R.T. -0.016 min

Lab File: VU050067.D

Acq: 04 Aug 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

F5D56

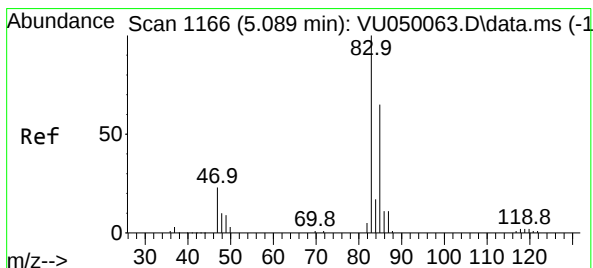
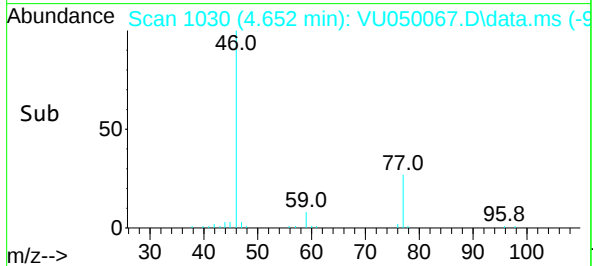
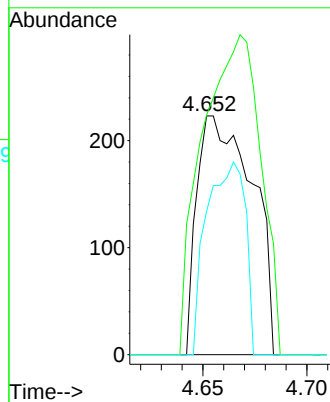
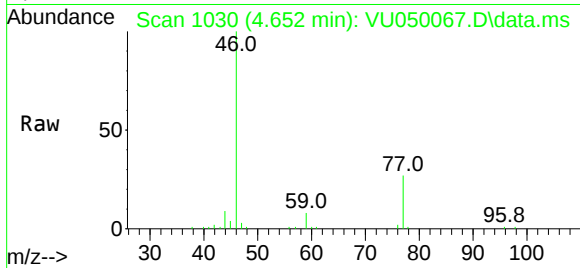
Tgt Ion: 96 Resp: 413

Ion Ratio Lower Upper

96 100

61 100.4 89.0 165.4

98 60.1 45.2 84.0



#25

Chloroform

Concen: 0.001 ug/L

RT: 5.079 min Scan# 1163

Delta R.T. -0.010 min

Lab File: VU050067.D

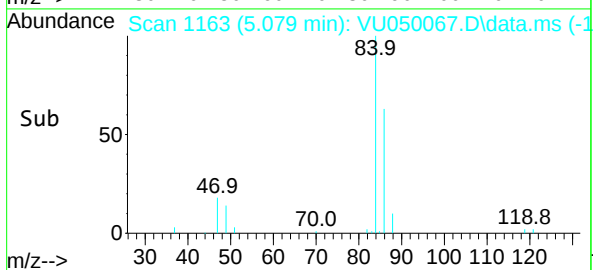
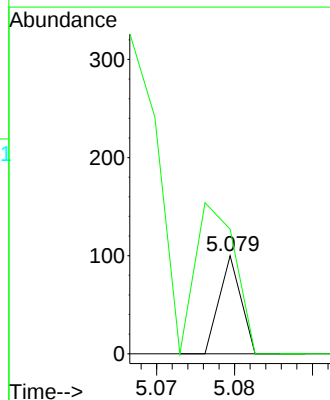
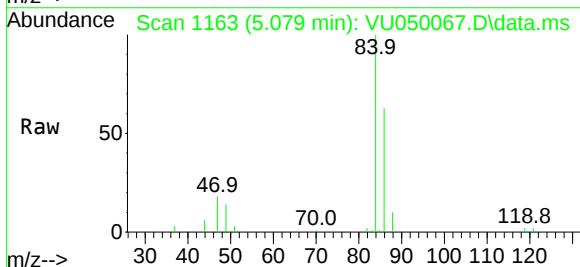
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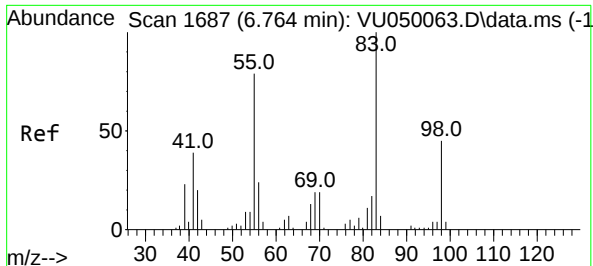
Tgt Ion: 83 Resp: 19

Ion Ratio Lower Upper

83 100

85 127.0 46.1 85.5#





#35

Methylcyclohexane

Concen: 1.065 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050067.D

Acq: 04 Aug 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

F5D56

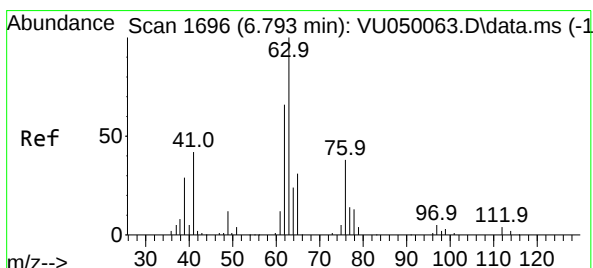
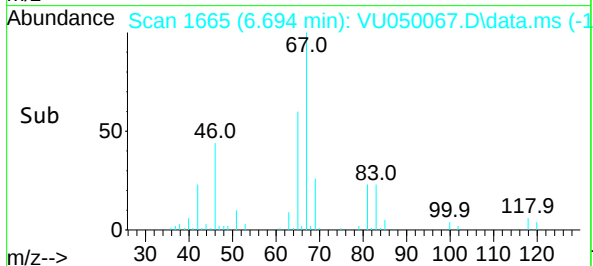
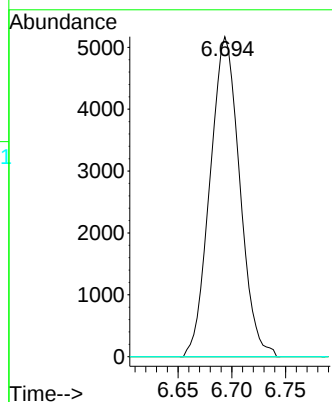
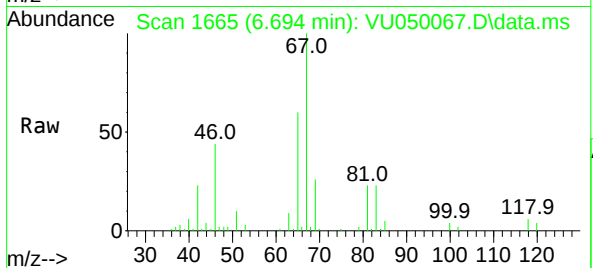
Tgt Ion: 83 Resp: 9938

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.2 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.533 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050067.D

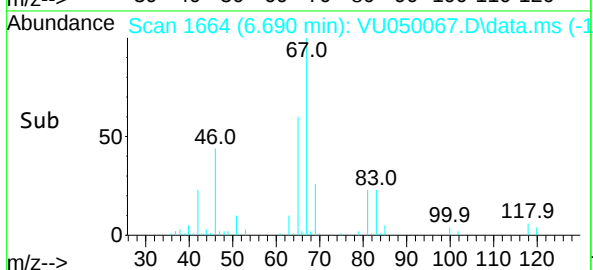
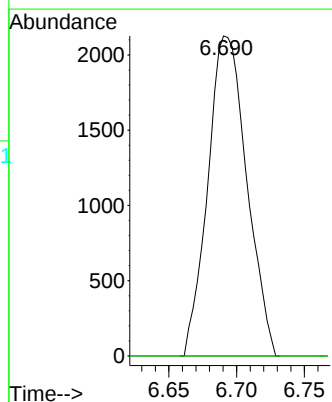
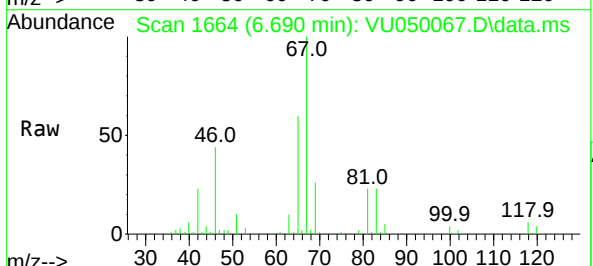
Acq: 04 Aug 2022 17:42

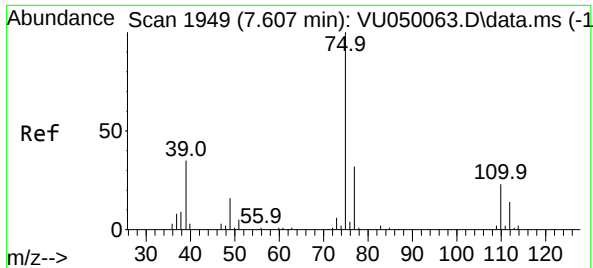
Tgt Ion: 63 Resp: 4244

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050067.D

Acq: 04 Aug 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

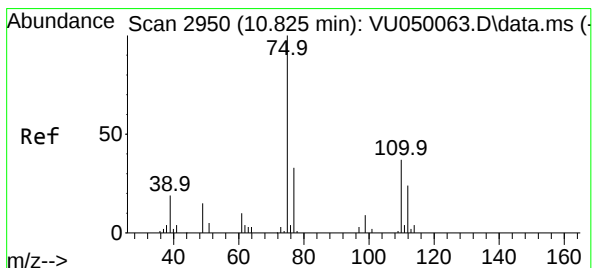
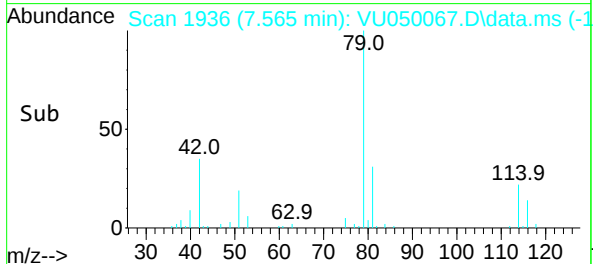
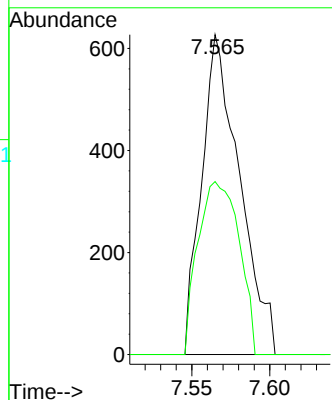
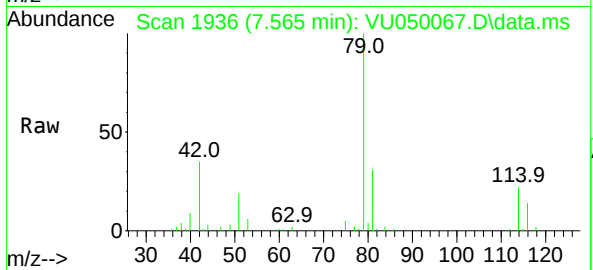
F5D56

Tgt Ion: 75 Resp: 1061

Ion Ratio Lower Upper

75 100

77 54.1 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 0.906 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050067.D

Acq: 04 Aug 2022 17:42

Tgt Ion: 75 Resp: 4072

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 32.1 25.8 38.6

