

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057117.D
 Acq On : 21 Dec 2023 02:12
 Operator : MD/SY
 Sample : 05892-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 05:02:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 01:34:13 2023
 Response via : Initial Calibration

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

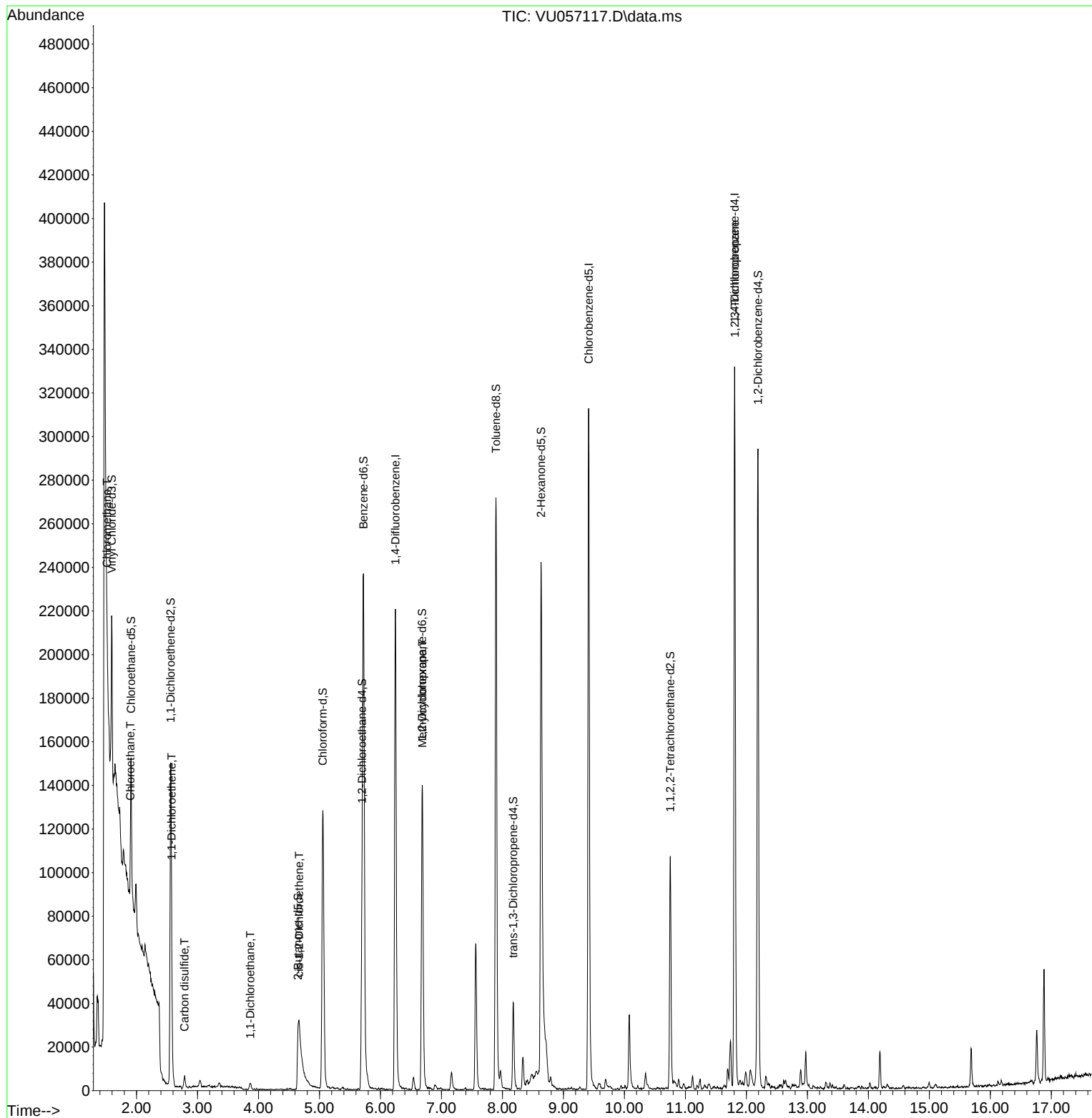
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	178433	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	178572	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	85750	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53660	3.508	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.911	69	48238	4.215	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.560	65	25999	3.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.650	46	25222	8.350	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	16.700%#
24) Chloroform-d	5.055	84	125556	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	61594	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.721	84	222512	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.685	67	67514	3.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.800%
41) Toluene-d8	7.894	98	187936	3.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.177	79	24270	3.610	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.634	63	89810	35.419	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53759	4.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	75959	4.506	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	7832	0.426	ug/L #	83
8) Chloroethane	1.898	64	2243	0.210	ug/L #	53
12) 1,1-Dichloroethene	2.576	96	11955	0.825	ug/L #	23
14) Carbon disulfide	2.788	76	7555	0.150	ug/L #	94
19) 1,1-Dichloroethane	3.865	63	3706	0.131	ug/L #	88
22) cis-1,2-Dichloroethene	4.666	96	1640	0.103	ug/L	82
35) Methylcyclohexane	6.689	83	16673	0.656	ug/L #	18
61) 1,2,3-Trichloropropane	11.811	75	10603	1.152	ug/L #	67

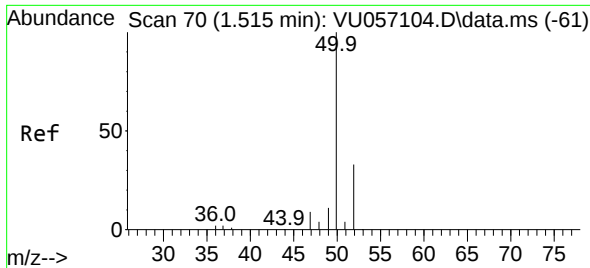
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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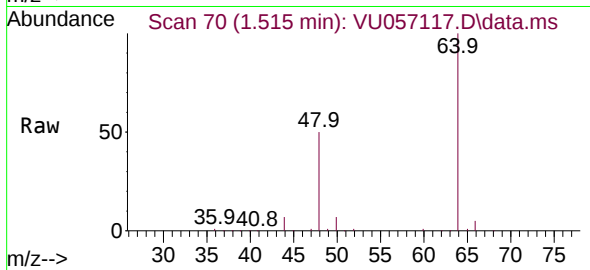
Quant Time: Dec 21 05:02:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
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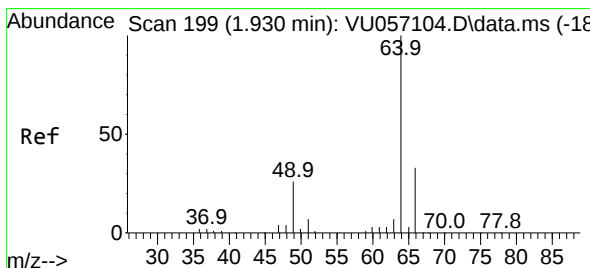
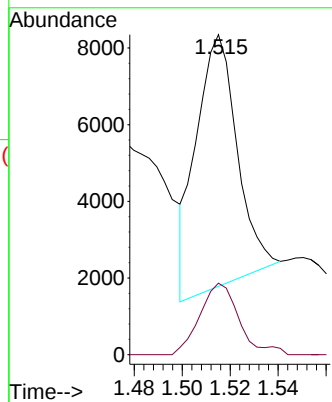
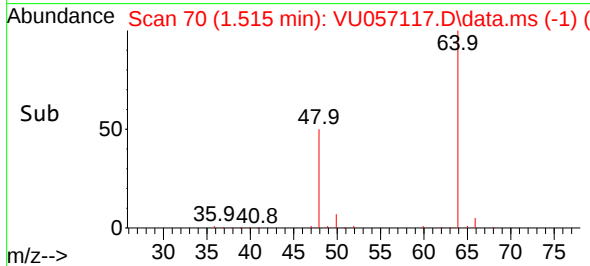


#3
Chloromethane
Concen: 0.426 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU057117.D
Acq: 21 Dec 2023 02:12

Instrument :
MSVOA_U
ClientSampleId :

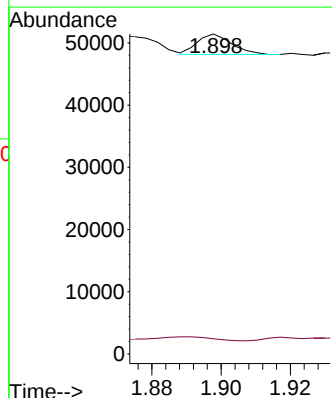
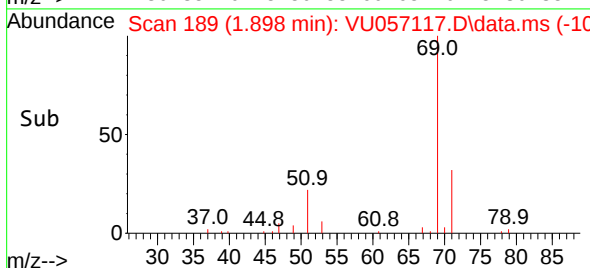
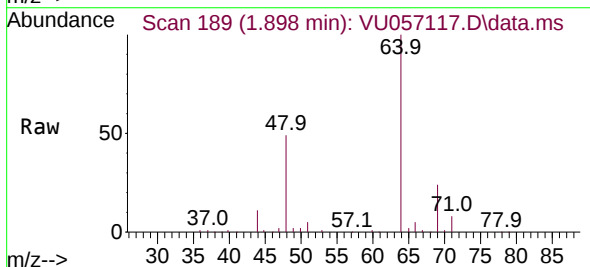


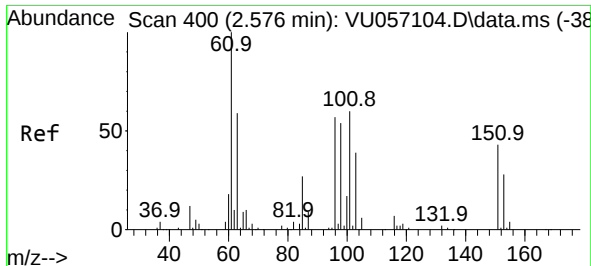
Tgt Ion: 50 Resp: 7832
Ion Ratio Lower Upper
50 100
52 22.4 22.5 41.7#



#8
Chloroethane
Concen: 0.210 ug/L
RT: 1.898 min Scan# 189
Delta R.T. -0.032 min
Lab File: VU057117.D
Acq: 21 Dec 2023 02:12

Tgt Ion: 64 Resp: 2243
Ion Ratio Lower Upper
64 100
66 4.8 21.4 39.8#





#12

1,1-Dichloroethene

Concen: 0.825 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU057117.D

Acq: 21 Dec 2023 02:12

Instrument :

MSVOA_U

ClientSampleId :

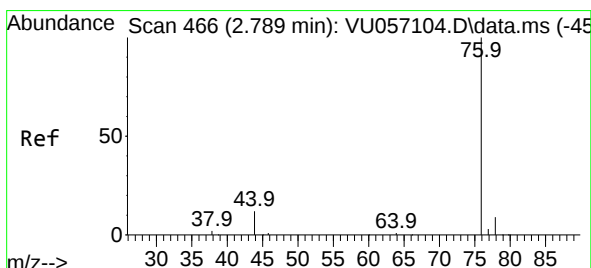
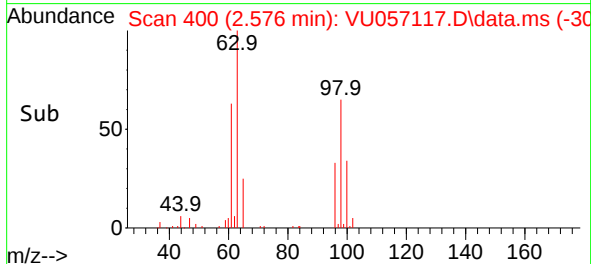
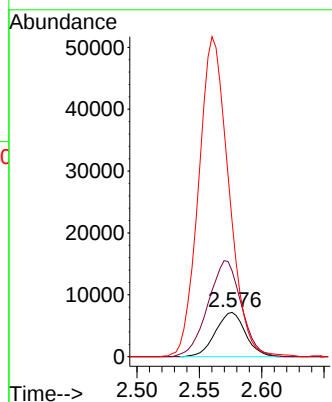
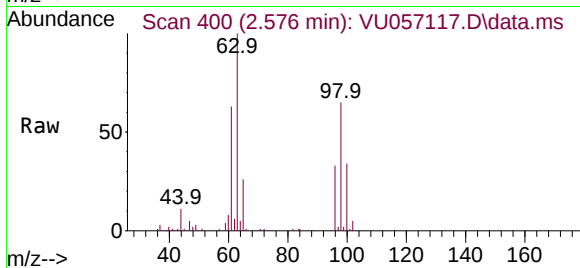
Tgt Ion: 96 Resp: 11955

Ion Ratio Lower Upper

96 100

61 193.7 119.0 221.0

63 306.3 88.7 164.7#



#14

Carbon disulfide

Concen: 0.150 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU057117.D

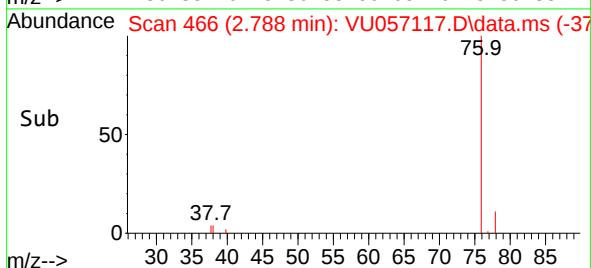
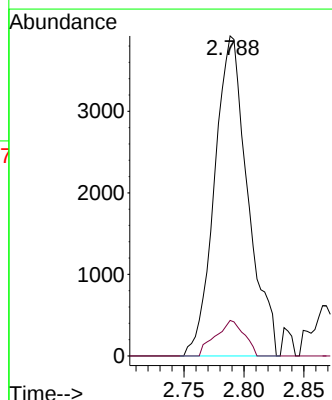
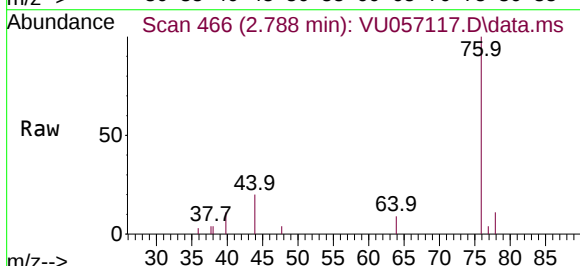
Acq: 21 Dec 2023 02:12

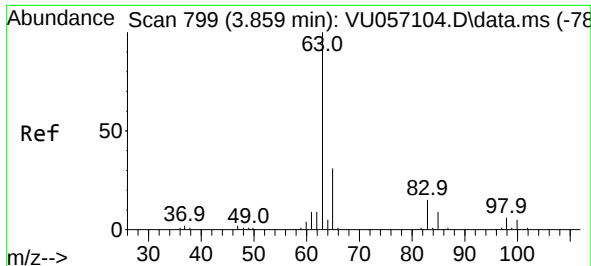
Tgt Ion: 76 Resp: 7555

Ion Ratio Lower Upper

76 100

78 11.1 7.3 10.9#





#19

1,1-Dichloroethane

Concen: 0.131 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU057117.D

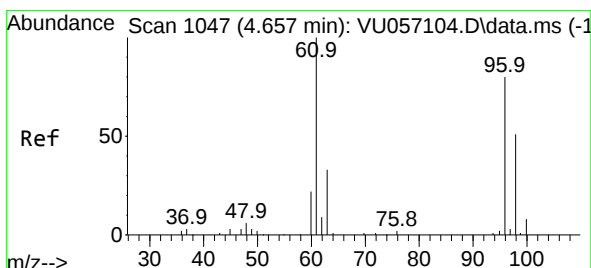
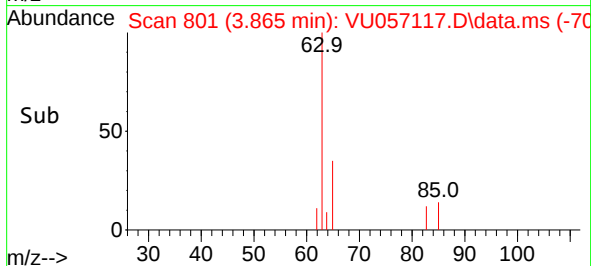
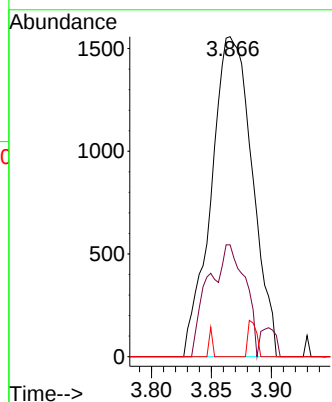
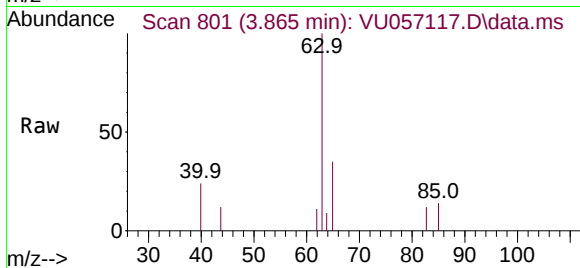
Acq: 21 Dec 2023 02:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 3706
Ion Ratio	Lower Upper
63 100	
65 32.2	22.9 42.5
83 0.0	10.1 18.9#



#22

cis-1,2-Dichloroethene

Concen: 0.103 ug/L

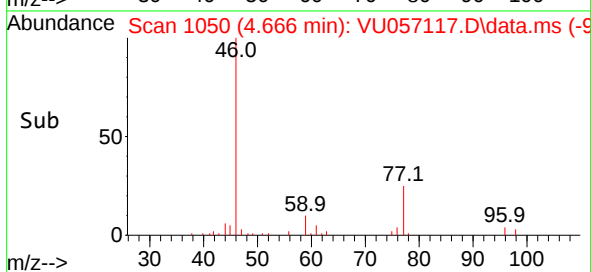
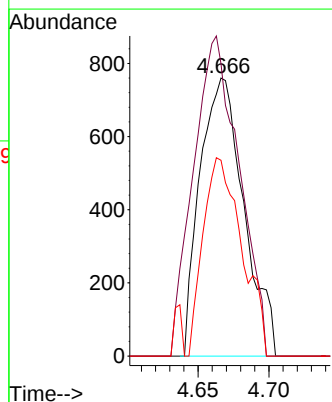
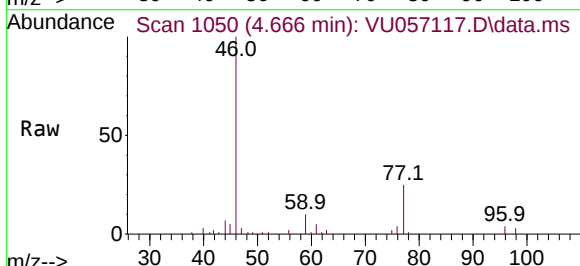
RT: 4.666 min Scan# 1050

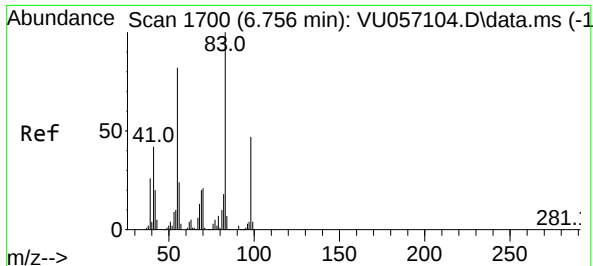
Delta R.T. 0.010 min

Lab File: VU057117.D

Acq: 21 Dec 2023 02:12

Tgt Ion: 96	Resp: 1640
Ion Ratio	Lower Upper
96 100	
61 105.1	91.3 169.6
98 70.4	44.2 82.0





#35

Methylcyclohexane

Concen: 0.656 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU057117.D

Acq: 21 Dec 2023 02:12

Instrument :

MSVOA_U

ClientSampleId :

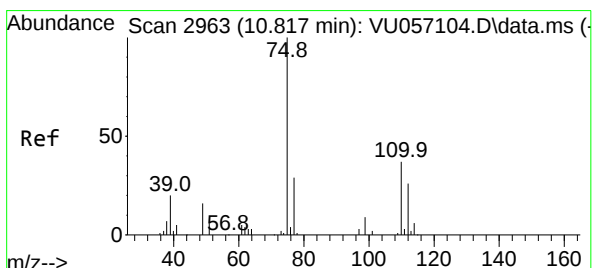
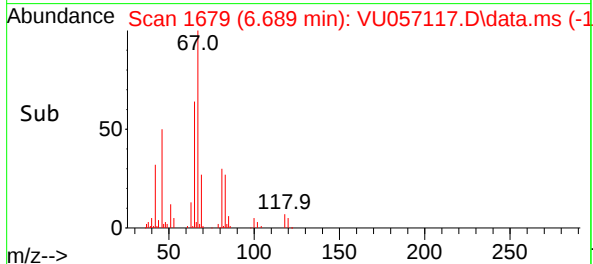
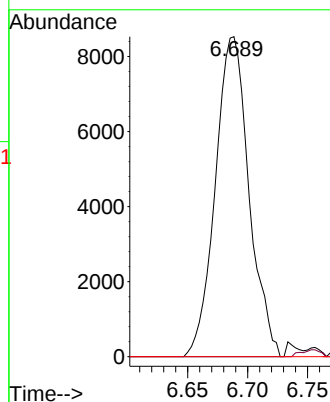
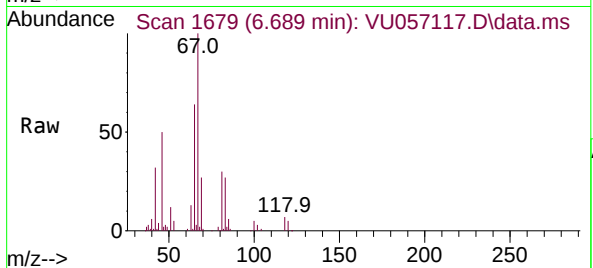
Tgt Ion: 83 Resp: 16673

Ion Ratio Lower Upper

83 100

55 1.2 64.6 97.0#

98 0.1 36.1 54.1#



#61

1,2,3-Trichloropropane

Concen: 1.152 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.993 min

Lab File: VU057117.D

Acq: 21 Dec 2023 02:12

Tgt Ion: 75 Resp: 10603

Ion Ratio Lower Upper

75 100

110 2.1 28.4 42.6#

77 37.3 26.3 39.5

