

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057123.D
 Acq On : 21 Dec 2023 05:09
 Operator : MD/SY
 Sample : 05892-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 06:10:29 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)

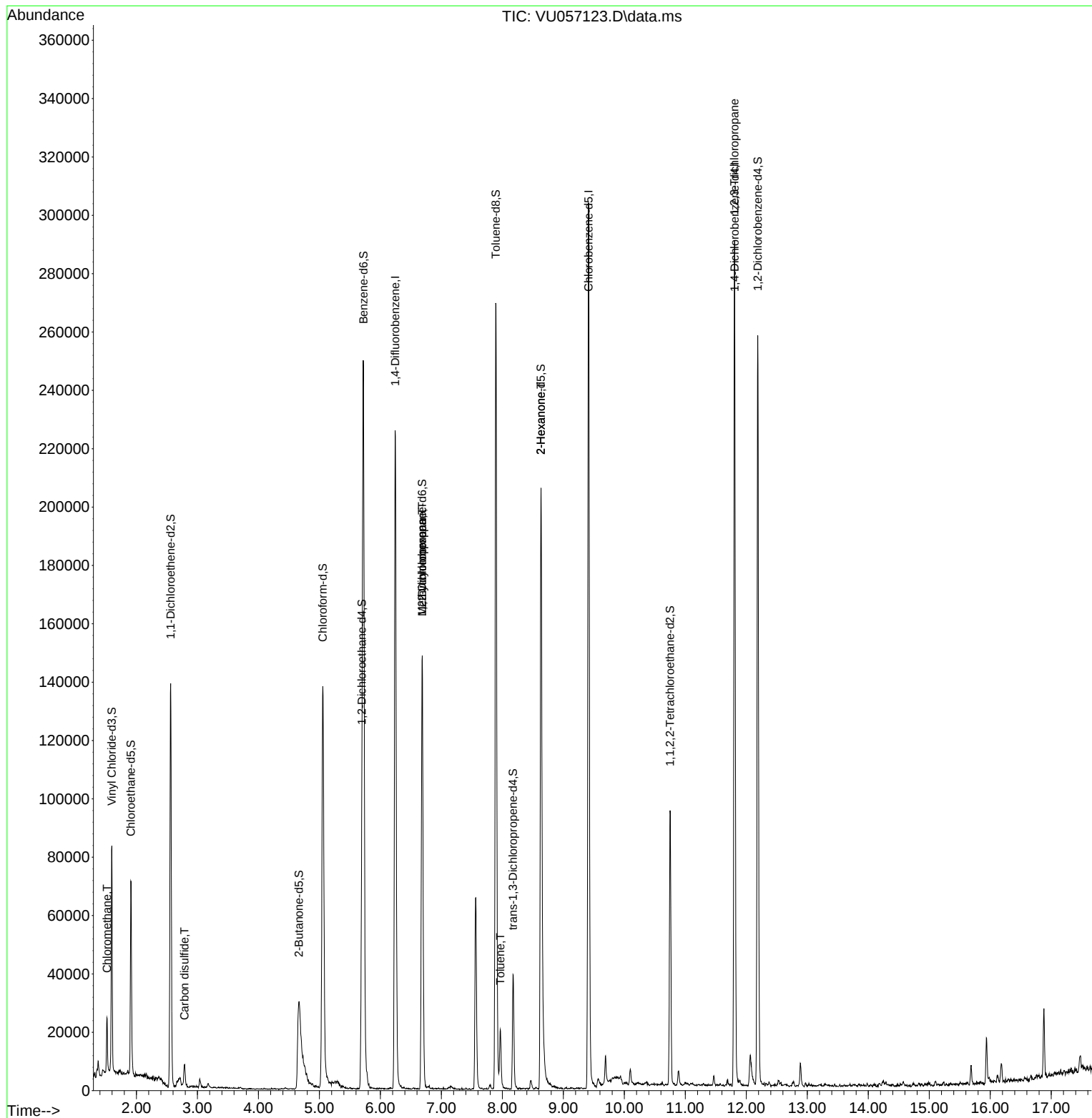
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	185174	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	171904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	53631	3.379	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.907	69	49689	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.560	65	26791	3.945	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.663	46	75926	24.222	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	48.440%
24) Chloroform-d	5.055	84	134664	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.695	65	61664	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.721	84	236174	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.685	67	68991	4.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.891	98	185782	3.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.174	79	23609	3.648	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.631	63	71766	29.400	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.800%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47074	3.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	65382	4.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	12429	0.651	ug/L	97
14) Carbon disulfide	2.785	76	9890	0.190	ug/L	100
35) Methylcyclohexane	6.682	83	18055	0.738	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	8167	0.528	ug/L #	88
42) Toluene	7.965	91	14964	0.239	ug/L	99
48) 2-Hexanone	8.631	43	9427	1.804	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	8671	1.066	ug/L #	68

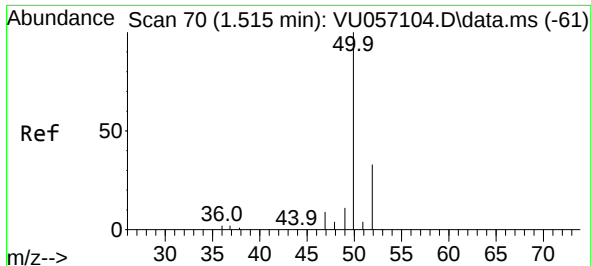
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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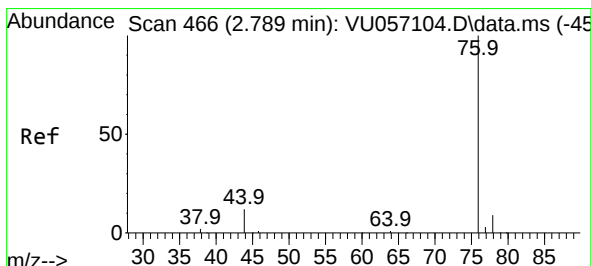
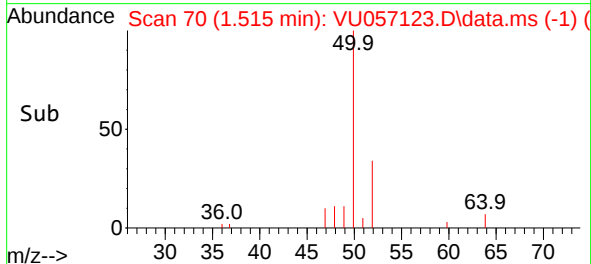
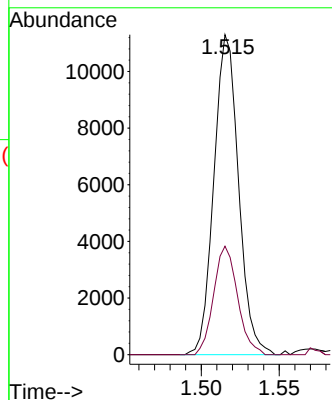
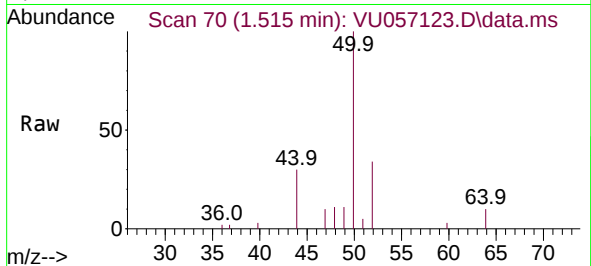




#3
Chloromethane
Concen: 0.651 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU057123.D
Acq: 21 Dec 2023 05:09

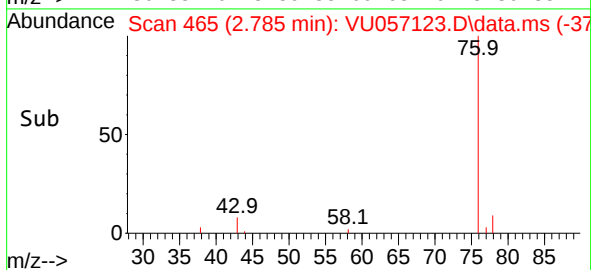
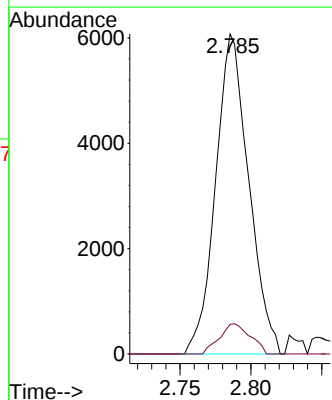
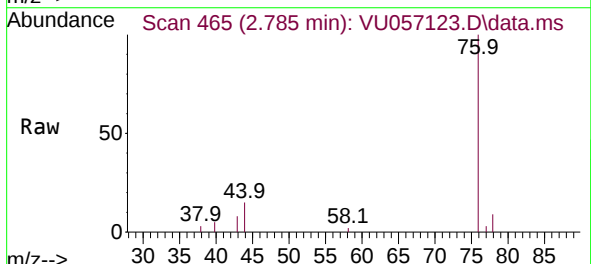
Instrument :
MSVOA_U
ClientSampleId :

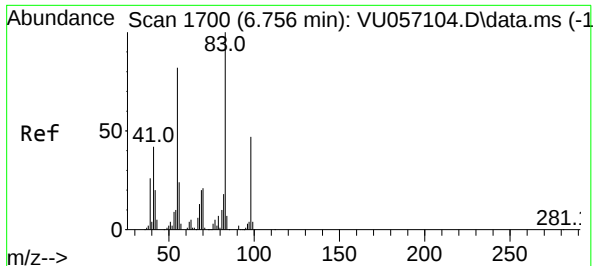
Tgt Ion: 50 Resp: 12429
Ion Ratio Lower Upper
50 100
52 33.9 22.5 41.7



#14
Carbon disulfide
Concen: 0.190 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU057123.D
Acq: 21 Dec 2023 05:09

Tgt Ion: 76 Resp: 9890
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#35

Methylcyclohexane

Concen: 0.738 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU057123.D

Acq: 21 Dec 2023 05:09

Instrument :

MSVOA_U

ClientSampleId :

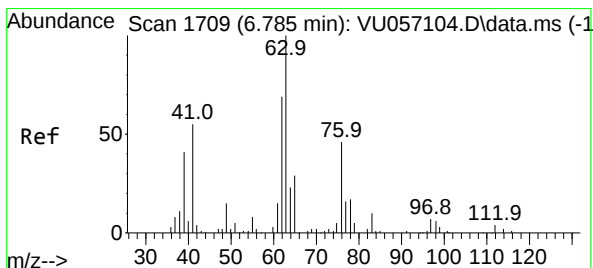
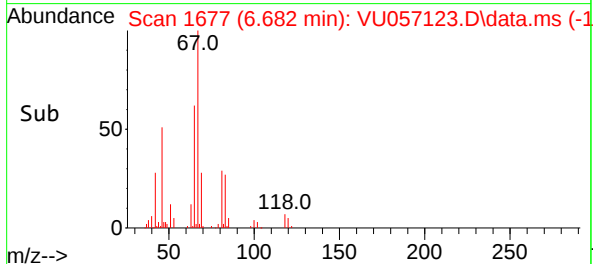
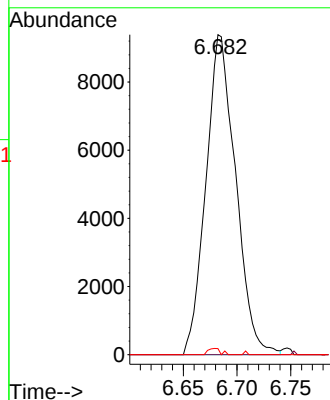
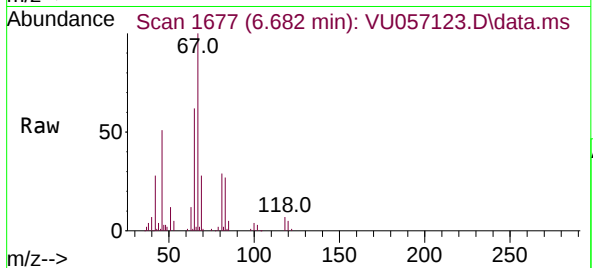
Tgt Ion: 83 Resp: 18055

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.8 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.528 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057123.D

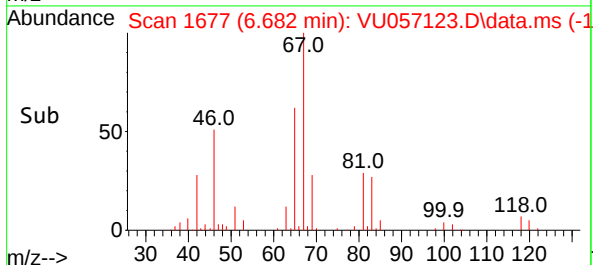
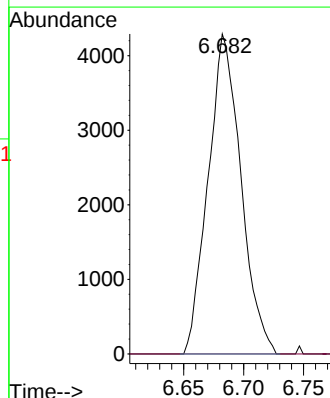
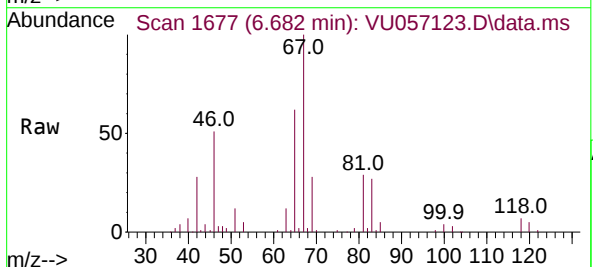
Acq: 21 Dec 2023 05:09

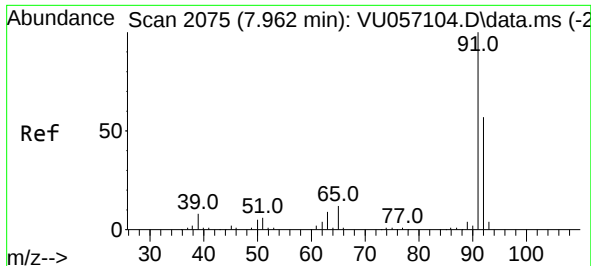
Tgt Ion: 63 Resp: 8167

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.239 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057123.D

Acq: 21 Dec 2023 05:09

Instrument :

MSVOA_U

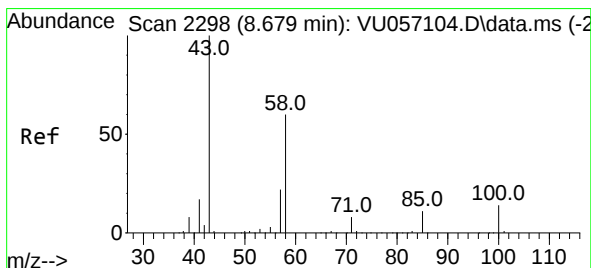
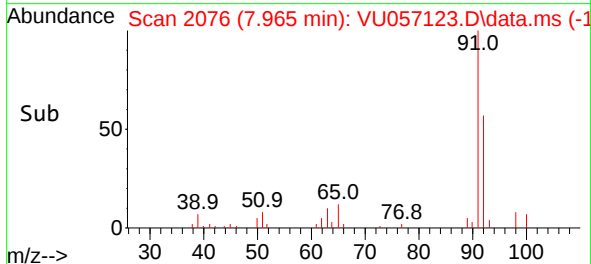
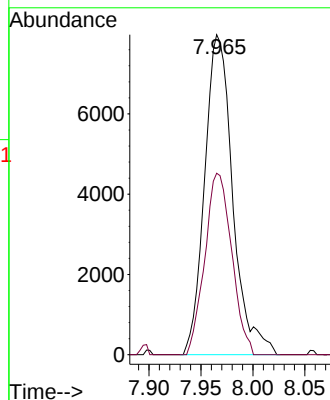
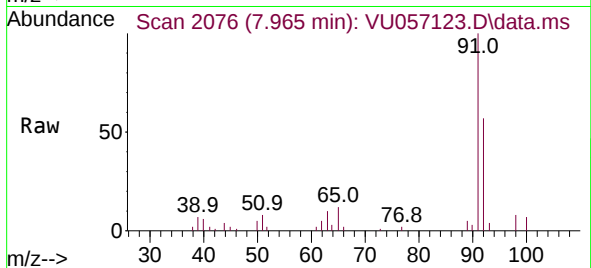
ClientSampleId :

Tgt Ion: 91 Resp: 14964

Ion Ratio Lower Upper

91 100

92 56.7 40.4 75.0



#48

2-Hexanone

Concen: 1.804 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.048 min

Lab File: VU057123.D

Acq: 21 Dec 2023 05:09

Tgt Ion: 43 Resp: 9427

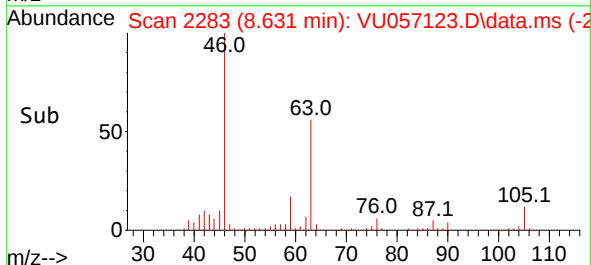
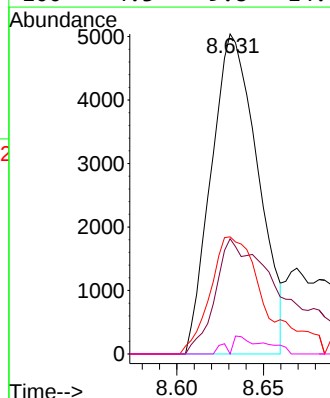
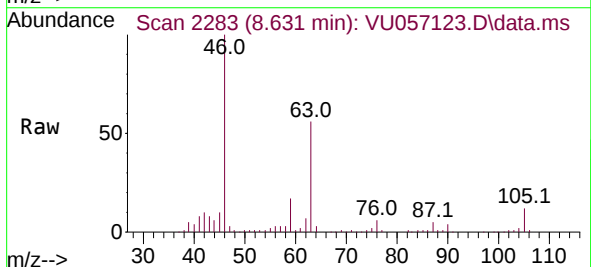
Ion Ratio Lower Upper

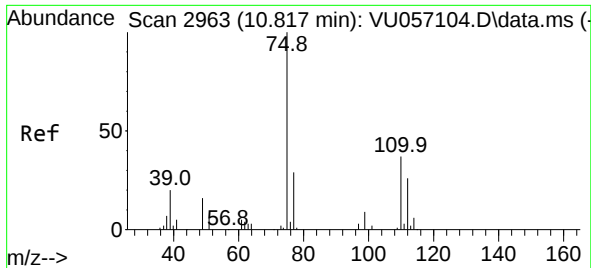
43 100

58 57.3 47.5 71.3

57 43.2 17.0 25.4#

100 4.3 9.8 14.8#





#61
1,2,3-Trichloropropane
Concen: 1.066 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU057123.D
Acq: 21 Dec 2023 05:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	75	Resp:	8671
Ion	Ratio	Lower	Upper
75	100		
110	2.9	28.4	42.6#
77	36.1	26.3	39.5

