

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057195.D
 Acq On : 22 Dec 2023 17:21
 Operator : MD/SY
 Sample : 05894-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 22:49:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

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

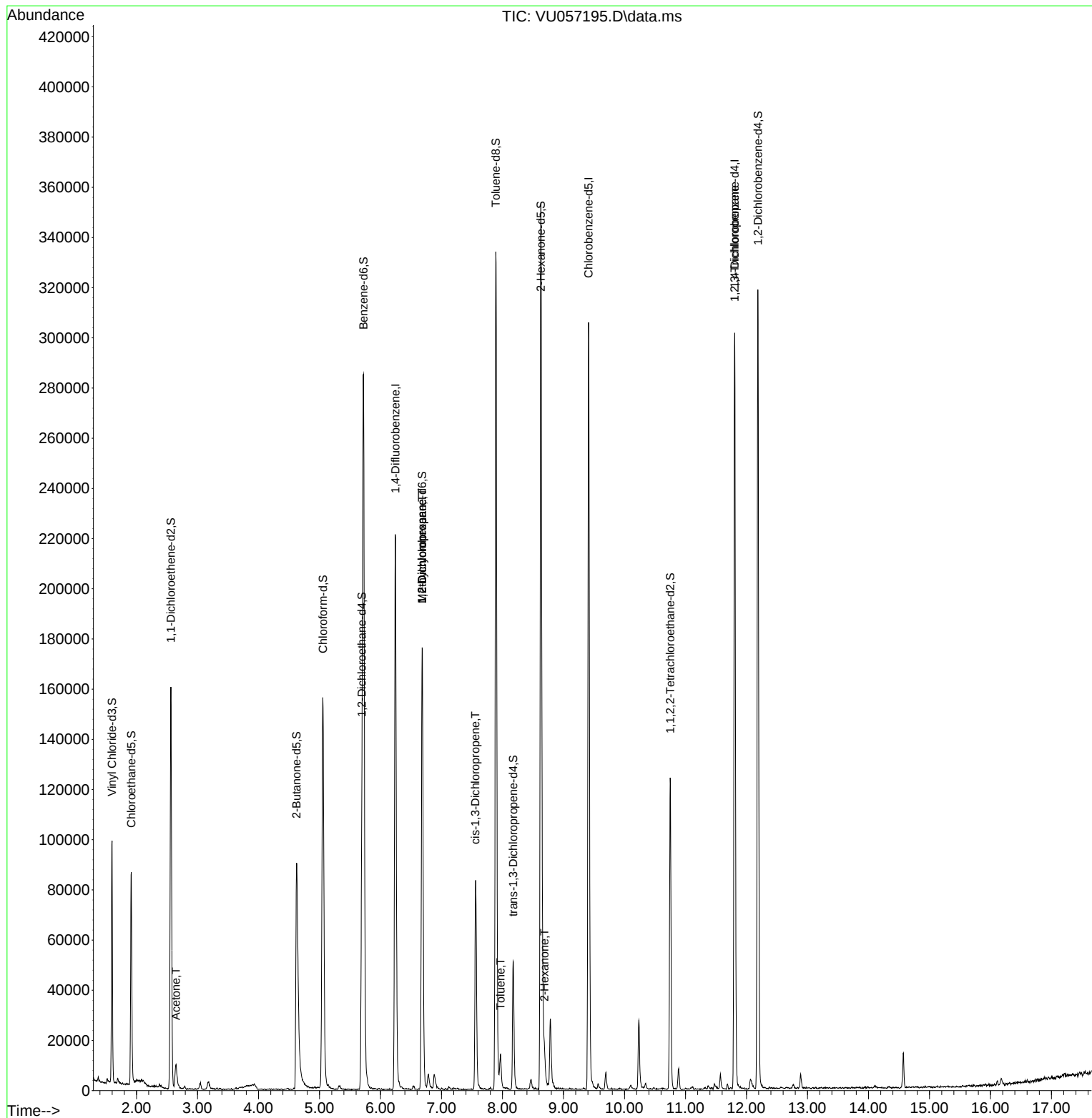
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	173749	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	68995	4.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.914	69	63025	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.563	65	31064	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.624	46	146273	56.099	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.200%
24) Chloroform-d	5.055	84	150024	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	75722	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.721	84	274625	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	83161	4.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.891	98	230459	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.174	79	30630	4.298	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.627	63	121355	50.013	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	61737	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	83027	4.765	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
13) Acetone	2.647	43	15723	10.029	ug/L	98
35) Methylcyclohexane	6.682	83	21480	1.003	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	9129	0.660	ug/L #	88
39) cis-1,3-Dichloropropene	7.557	75	2311	0.111	ug/L #	40
42) Toluene	7.968	91	9498	0.161	ug/L	99
48) 2-Hexanone	8.688	43	6886	1.557	ug/L #	92
61) 1,2,3-Trichloropropane	11.804	75	9122	1.209	ug/L #	62

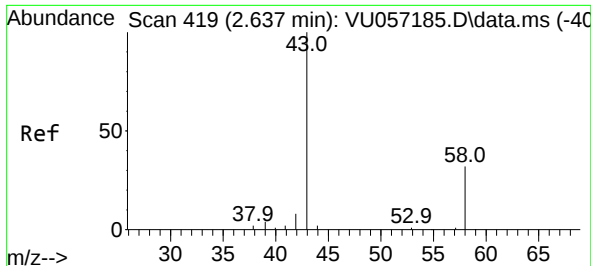
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#13

Acetone

Concen: 10.029 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.009 min

Lab File: VU057195.D

Acq: 22 Dec 2023 17:21

Instrument :

MSVOA_U

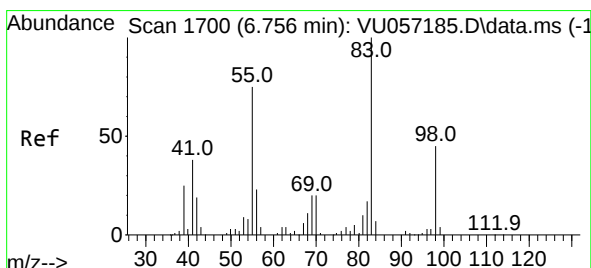
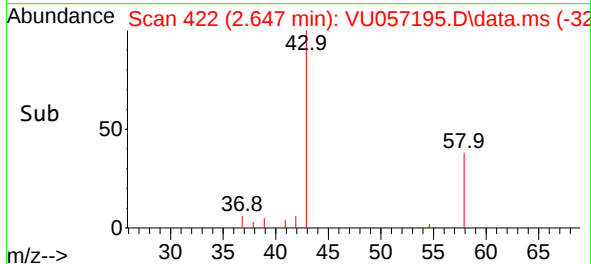
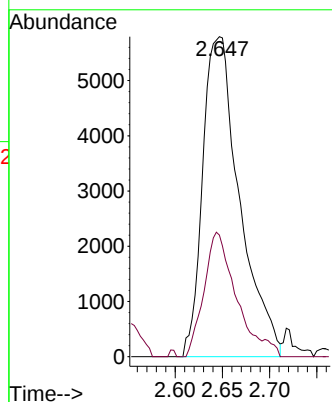
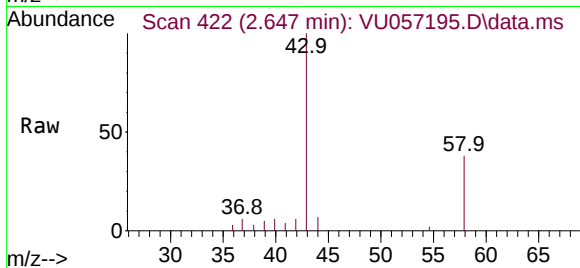
ClientSampleId :

Tgt Ion: 43 Resp: 15723

Ion Ratio Lower Upper

43 100

58 34.3 0.0 70.8



#35

Methylcyclohexane

Concen: 1.003 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU057195.D

Acq: 22 Dec 2023 17:21

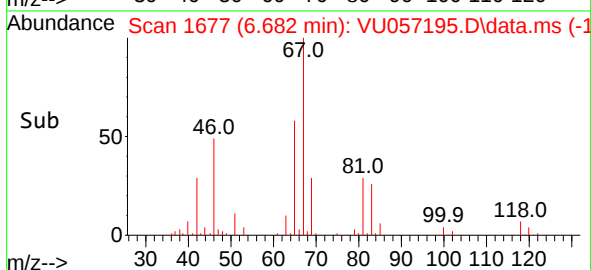
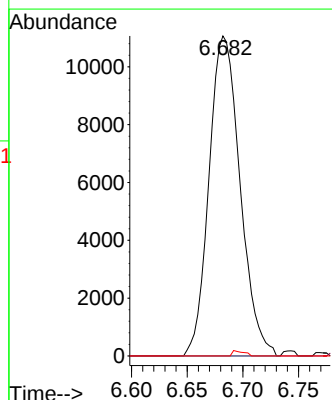
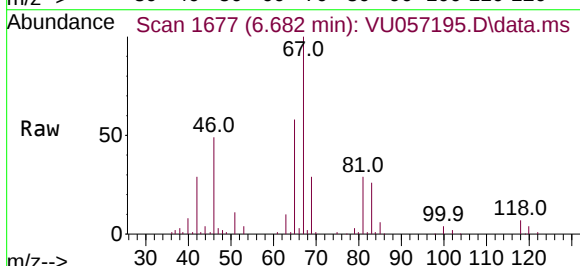
Tgt Ion: 83 Resp: 21480

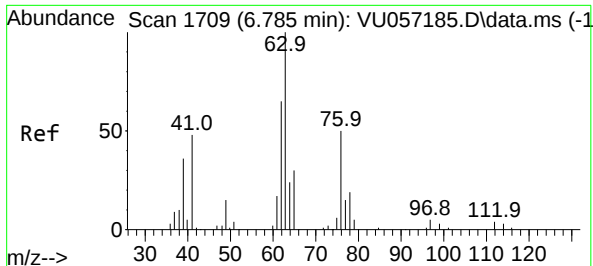
Ion Ratio Lower Upper

83 100

55 0.1 61.3 91.9#

98 0.6 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.660 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU057195.D

Acq: 22 Dec 2023 17:21

Instrument :

MSVOA_U

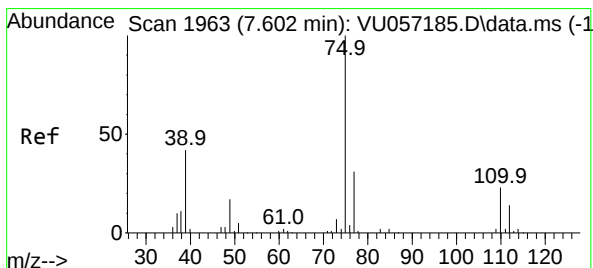
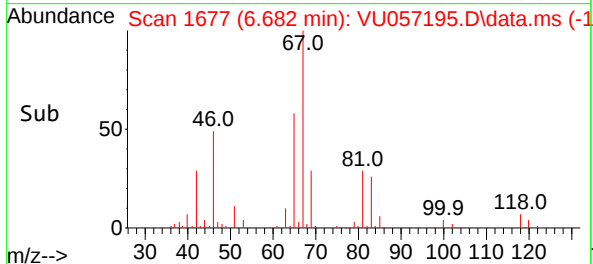
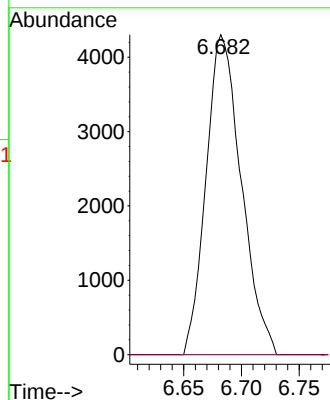
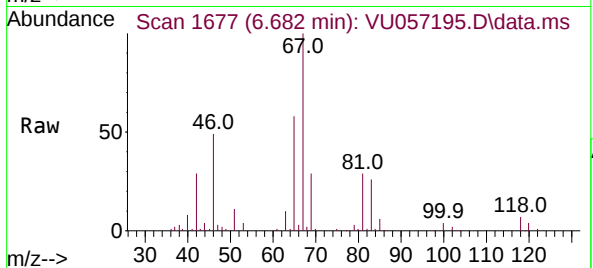
ClientSampleId :

Tgt Ion: 63 Resp: 9129

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.557 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU057195.D

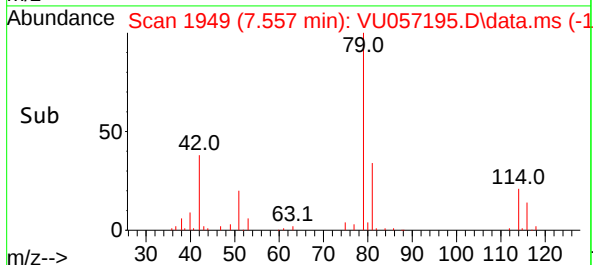
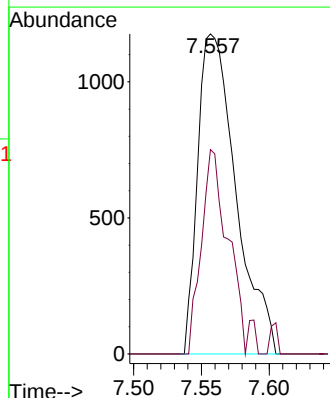
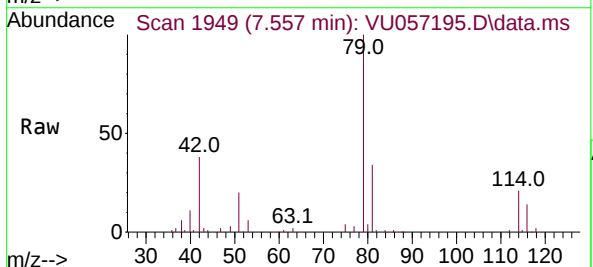
Acq: 22 Dec 2023 17:21

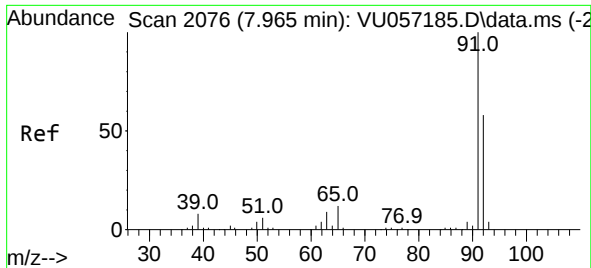
Tgt Ion: 75 Resp: 2311

Ion Ratio Lower Upper

75 100

77 63.9 21.8 40.4#





#42

Toluene

Concen: 0.161 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057195.D

Acq: 22 Dec 2023 17:21

Instrument :

MSVOA_U

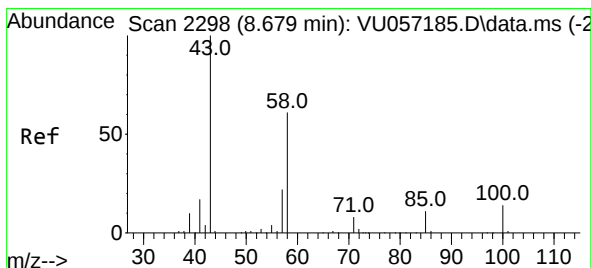
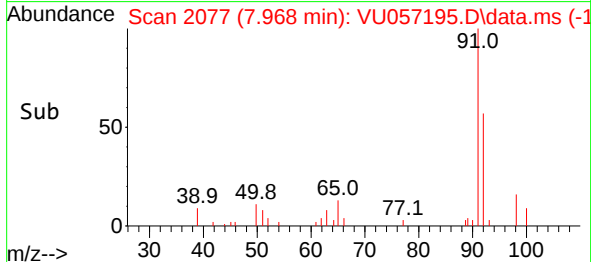
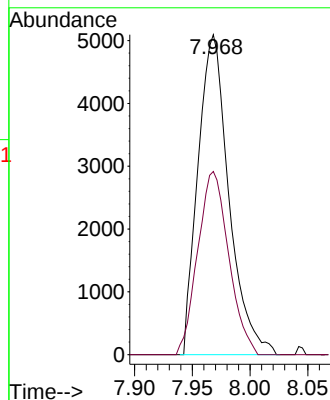
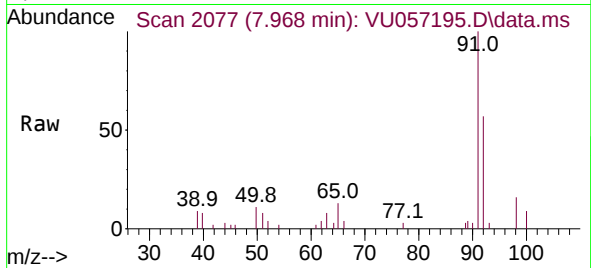
ClientSampleId :

Tgt Ion: 91 Resp: 9498

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.1



#48

2-Hexanone

Concen: 1.557 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.009 min

Lab File: VU057195.D

Acq: 22 Dec 2023 17:21

Tgt Ion: 43 Resp: 6886

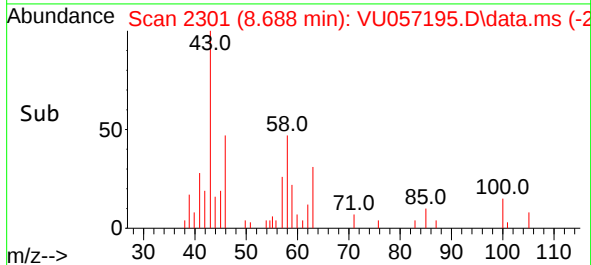
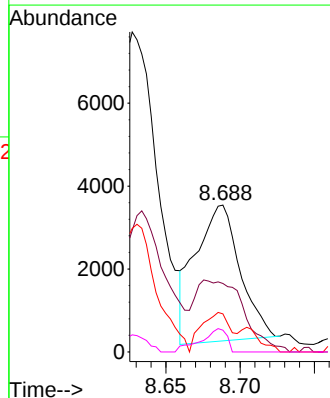
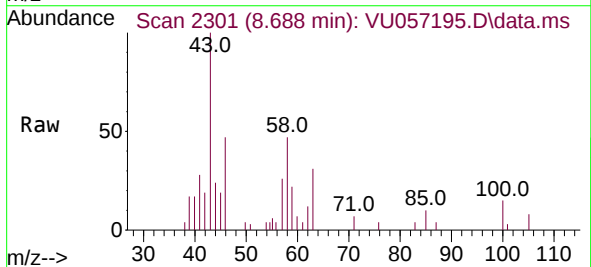
Ion Ratio Lower Upper

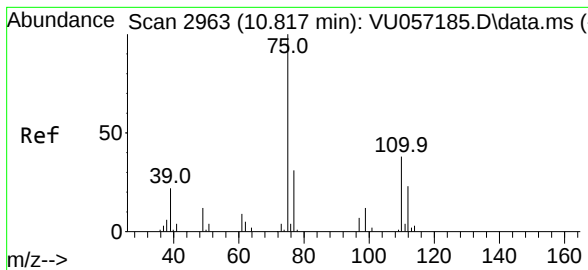
43 100

58 56.6 49.8 74.8

57 19.1 18.5 27.7

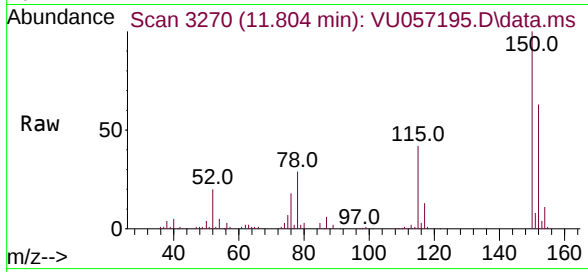
100 9.8 11.1 16.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.209 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057195.D
 Acq: 22 Dec 2023 17:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9122
 Ion Ratio Lower Upper
 75 100
 110 1.8 31.2 46.8#
 77 37.5 25.5 38.3

