

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057154.D
 Acq On : 21 Dec 2023 23:16
 Operator : MD/SY
 Sample : 05894-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 00:23:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

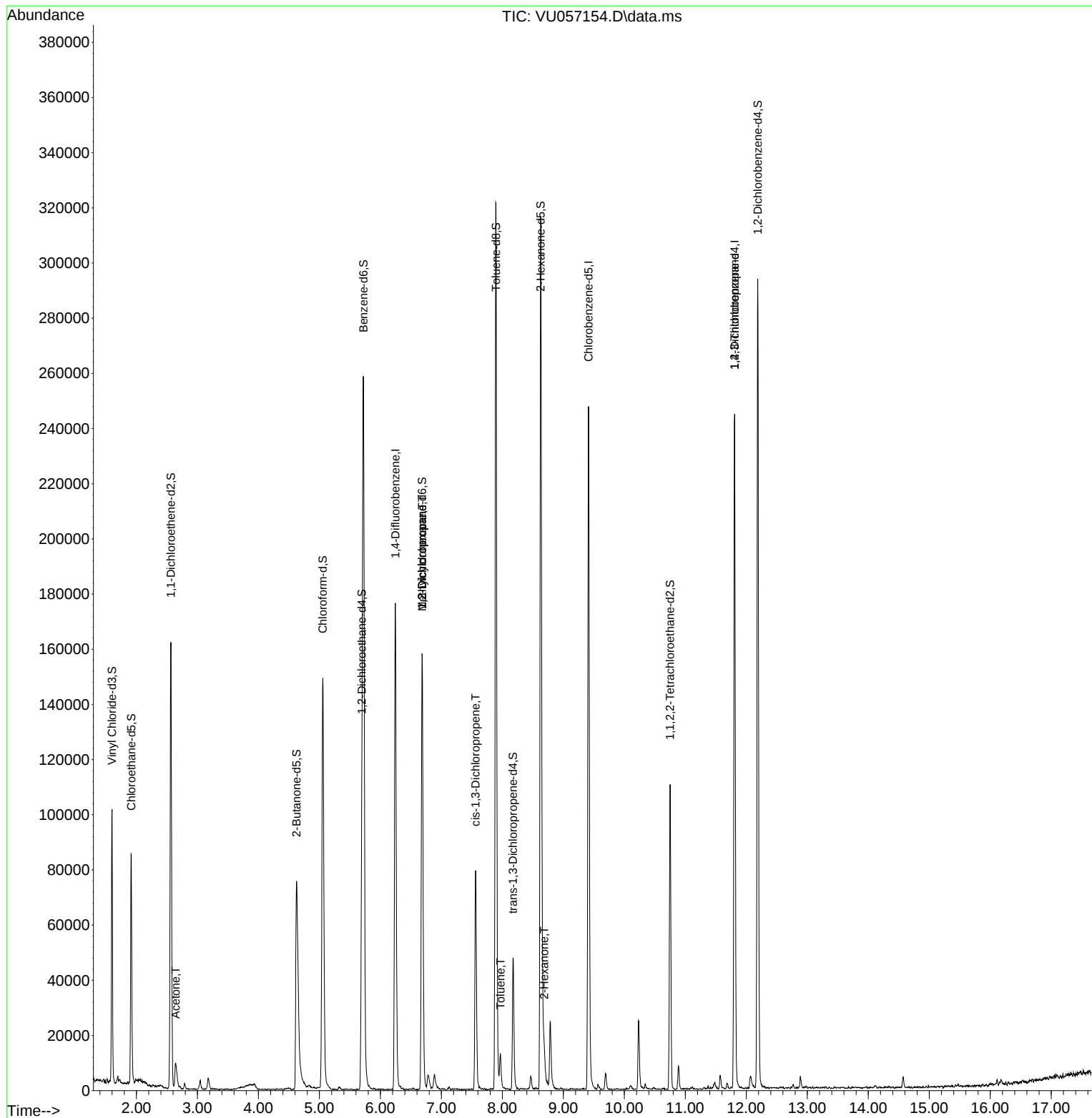
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	139402	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	142435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	63278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	70070	5.259	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.914	69	61570	5.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.200%
11) 1,1-Dichloroethene-d2	2.564	65	31340	5.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.600%
20) 2-Butanone-d5	4.625	46	127151	60.780	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.560%
24) Chloroform-d	5.055	84	139042	5.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	5.695	65	68974	5.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	5.721	84	249987	5.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.682	67	74079	5.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.895	98	221478	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.174	79	30021	5.188	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.628	63	106231	53.914	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	54836	5.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	78455	5.762	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.200%
Target Compounds						Qvalue
13) Acetone	2.641	43	15076	11.986	ug/L	97
35) Methylcyclohexane	6.686	83	19266	1.108	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	8983	0.800	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2297	0.136	ug/L #	53
42) Toluene	7.969	91	9545	0.199	ug/L	96
48) 2-Hexanone	8.686	43	6309	1.756	ug/L #	93
61) 1,2,3-Trichloropropane	11.808	75	7741	1.313	ug/L #	65

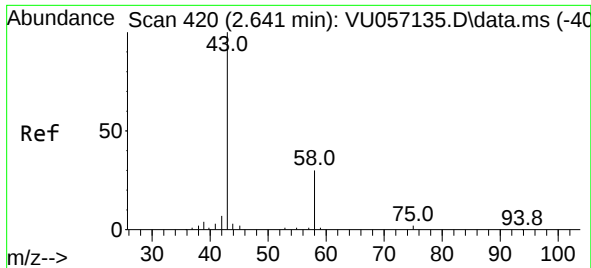
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 21 23:30:13 2023
Response via : Initial Calibration





#13

Acetone

Concen: 11.986 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057154.D

Acq: 21 Dec 2023 23:16

Instrument :

MSVOA_U

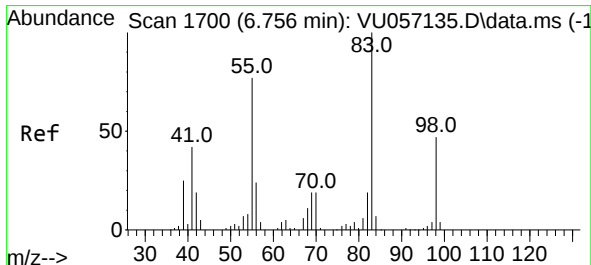
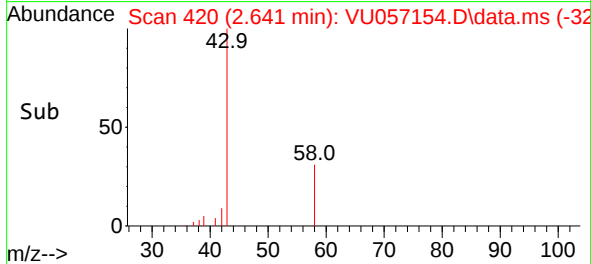
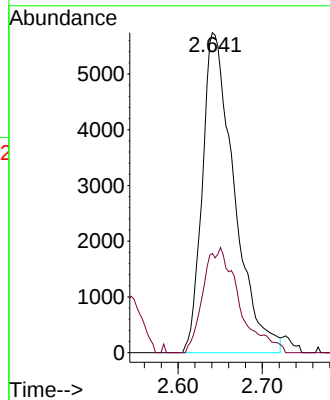
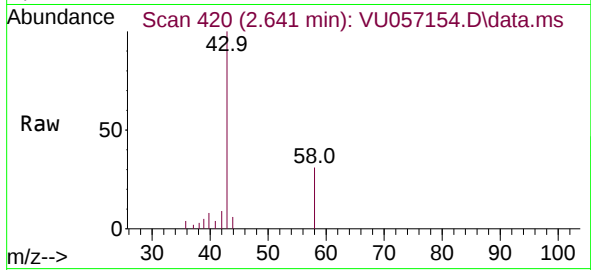
ClientSampleId :

Tgt Ion: 43 Resp: 15076

Ion Ratio Lower Upper

43 100

58 37.3 0.0 70.8



#35

Methylcyclohexane

Concen: 1.108 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU057154.D

Acq: 21 Dec 2023 23:16

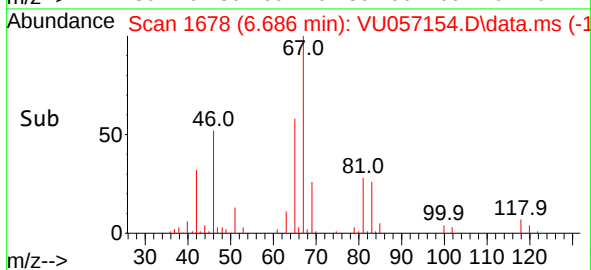
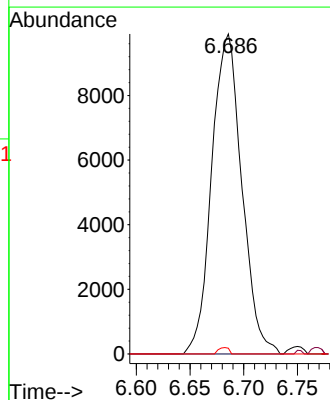
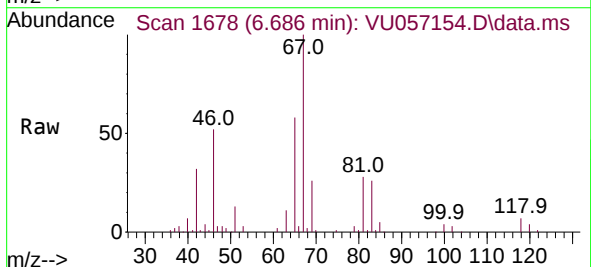
Tgt Ion: 83 Resp: 19266

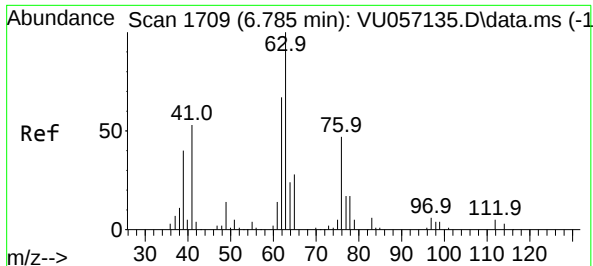
Ion Ratio Lower Upper

83 100

55 0.2 61.3 91.9#

98 0.7 36.6 55.0#

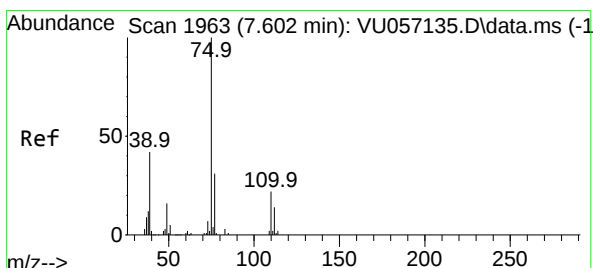
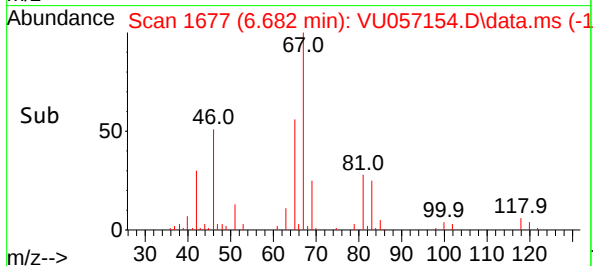
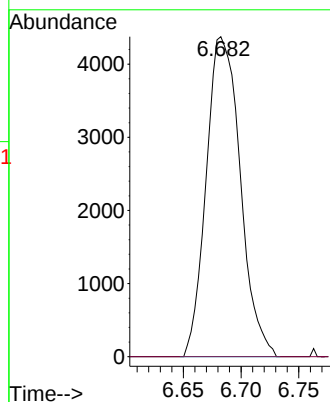
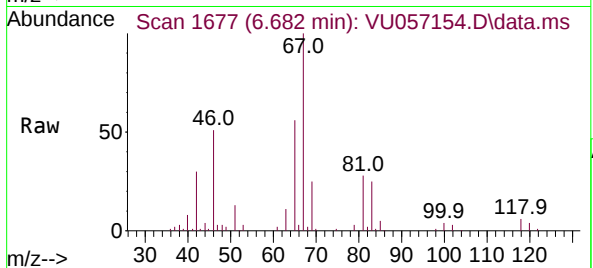




#37
1,2-Dichloropropane
Concen: 0.800 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057154.D
Acq: 21 Dec 2023 23:16

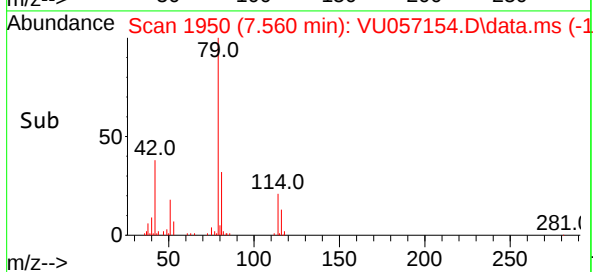
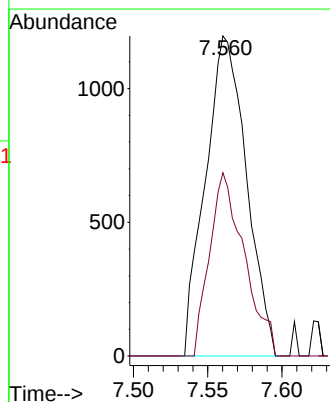
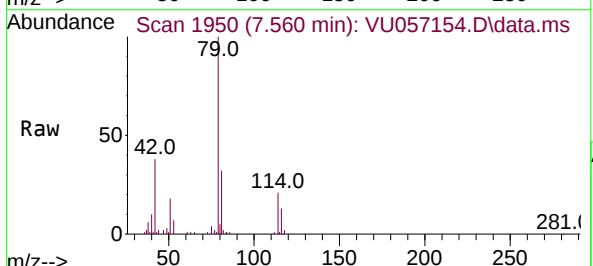
Instrument :
MSVOA_U
ClientSampleId :

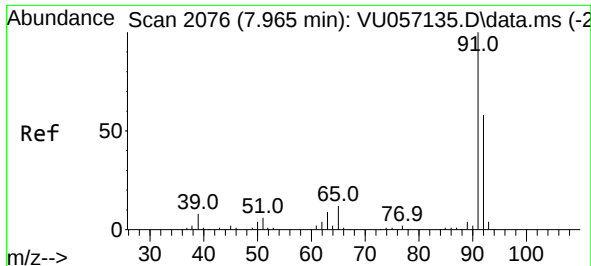
Tgt Ion: 63 Resp: 8983
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.136 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU057154.D
Acq: 21 Dec 2023 23:16

Tgt Ion: 75 Resp: 2297
Ion Ratio Lower Upper
75 100
77 57.2 21.8 40.4#





#42

Toluene

Concen: 0.199 ug/L

RT: 7.969 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057154.D

Acq: 21 Dec 2023 23:16

Instrument :

MSVOA_U

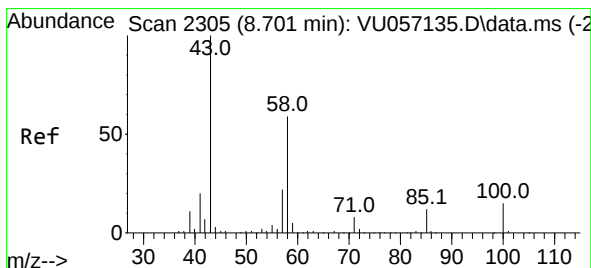
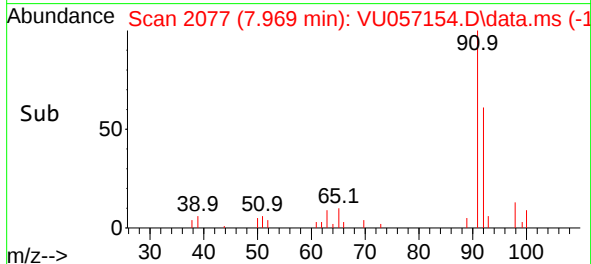
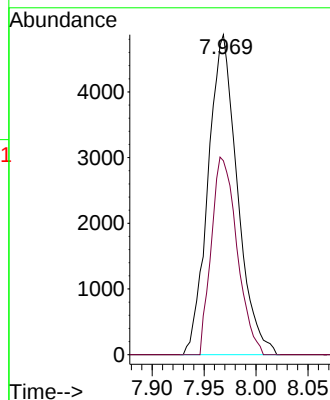
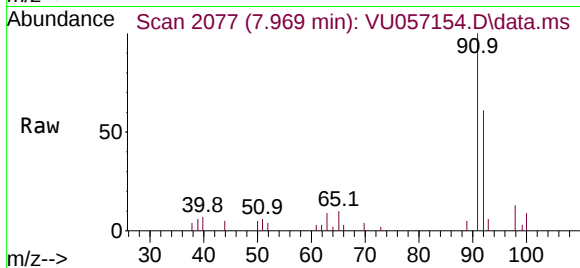
ClientSampleId :

Tgt Ion: 91 Resp: 9545

Ion Ratio Lower Upper

91 100

92 60.6 40.5 75.1



#48

2-Hexanone

Concen: 1.756 ug/L

RT: 8.686 min Scan# 2300

Delta R.T. -0.016 min

Lab File: VU057154.D

Acq: 21 Dec 2023 23:16

Tgt Ion: 43 Resp: 6309

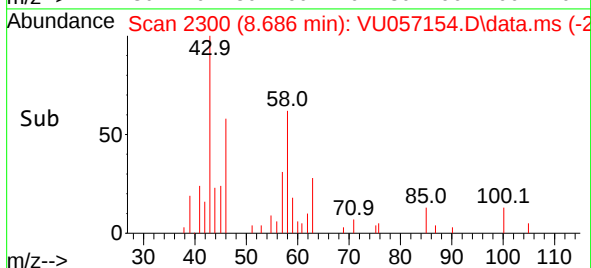
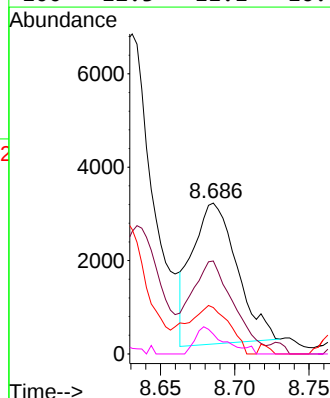
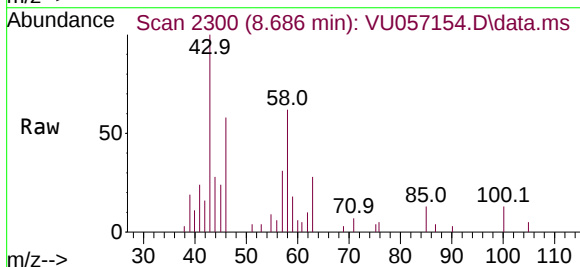
Ion Ratio Lower Upper

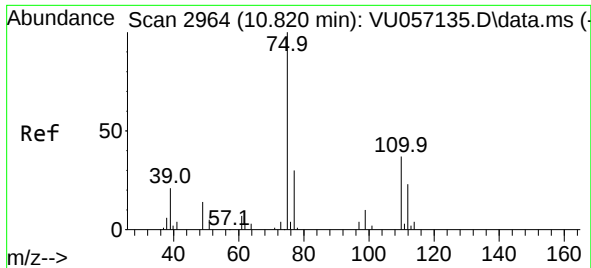
43 100

58 64.3 49.8 74.8

57 33.0 18.5 27.7

100 12.3 11.1 16.7





#61

1,2,3-Trichloropropane

Concen: 1.313 ug/L

RT: 11.808 min Scan# 31

Delta R.T. 0.987 min

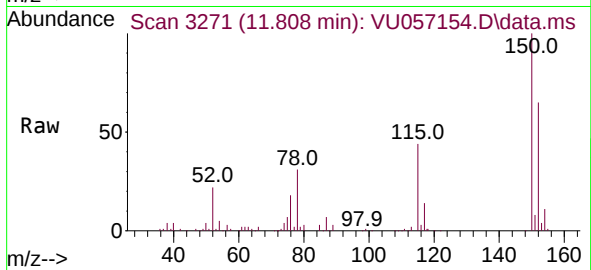
Lab File: VU057154.D

Acq: 21 Dec 2023 23:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 7741

Ion Ratio Lower Upper

75 100

110 1.7 31.2 46.8#

77 33.4 25.5 38.3

