

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056070.D
 Acq On : 02 Nov 2023 16:55
 Operator : MD/SY
 Sample : 05052-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:41:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

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

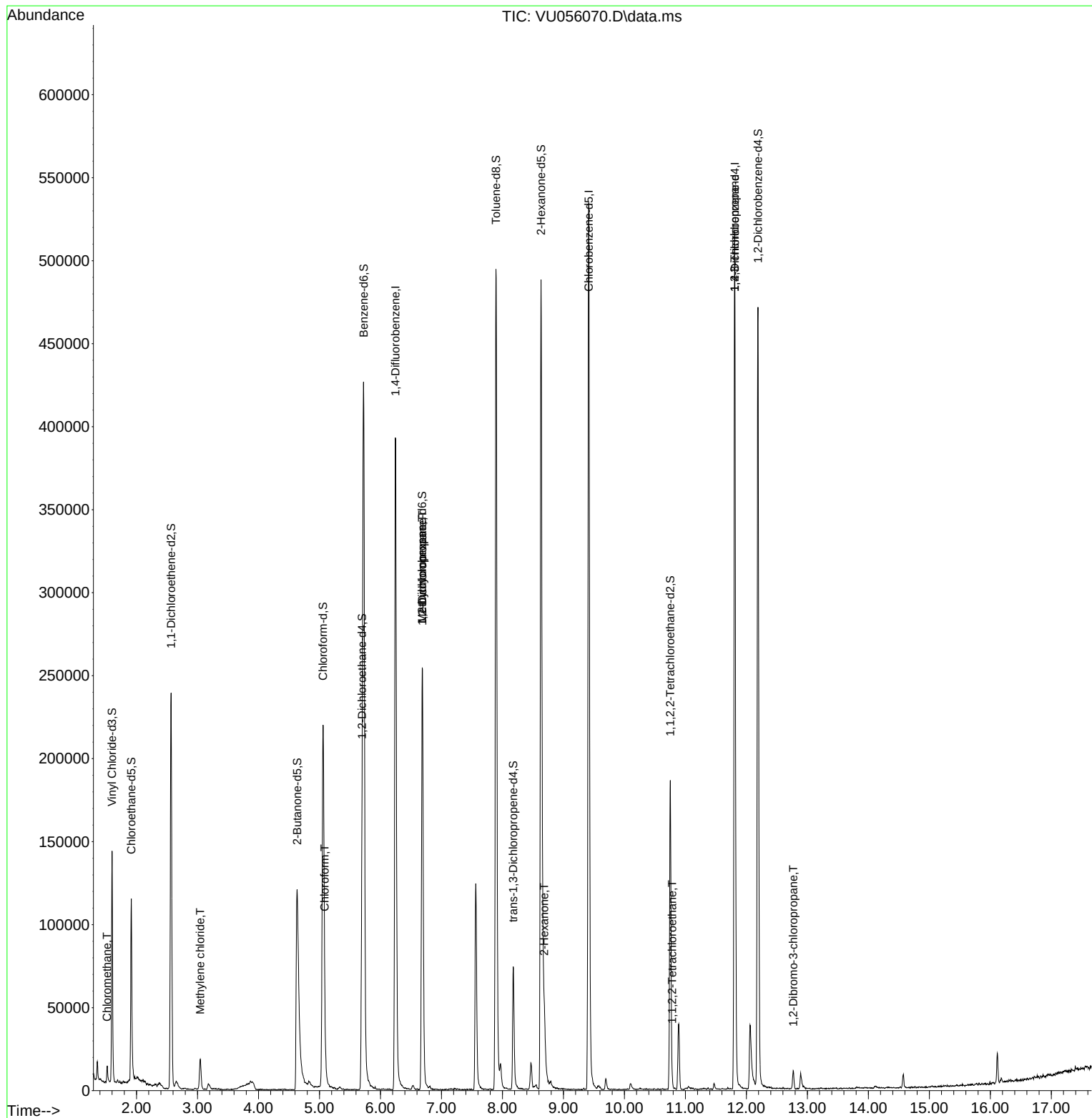
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	334470	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	331383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	146039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	103615	3.916	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.914	69	83998	4.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.566	65	45434	4.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.634	46	222860	47.215	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.440%
24) Chloroform-d	5.058	84	212244	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.698	65	101581	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.724	84	428261	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.685	67	131477	4.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.894	98	360642	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.177	79	47859	4.182	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.634	63	170778	58.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.560%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94431	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	129066	4.737	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	6791	0.373	ug/L	93
16) Methylene chloride	3.046	84	9576	0.521	ug/L	91
25) Chloroform	5.084	83	19159	0.548	ug/L	98
35) Methylcyclohexane	6.685	83	30195	1.094	ug/L #	19
37) 1,2-Dichloropropane	6.688	63	12849	0.662	ug/L #	89
48) 2-Hexanone	8.685	43	21280	2.891	ug/L #	81
57) 1,1,2,2-Tetrachloroethane	10.782	83	2101	0.133	ug/L #	84
61) 1,2,3-Trichloropropane	11.807	75	17406	1.736	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.772	75	382	0.214	ug/L #	1

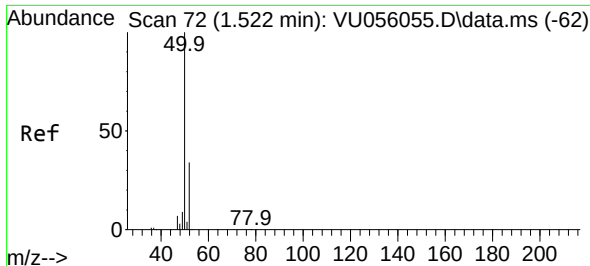
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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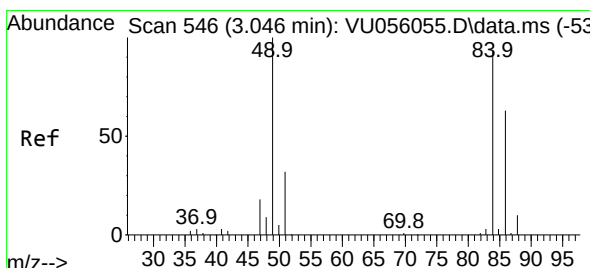
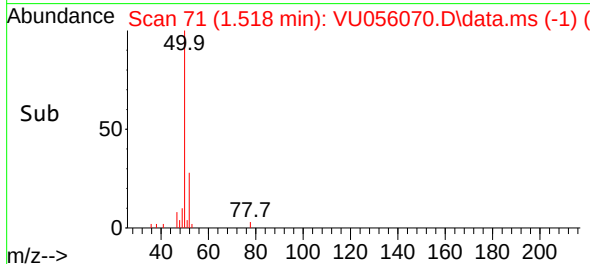
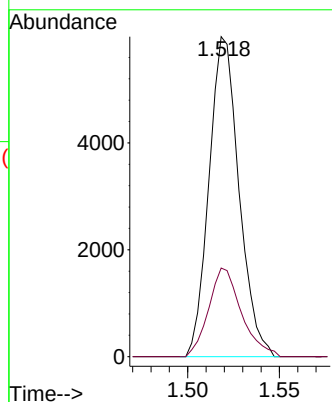
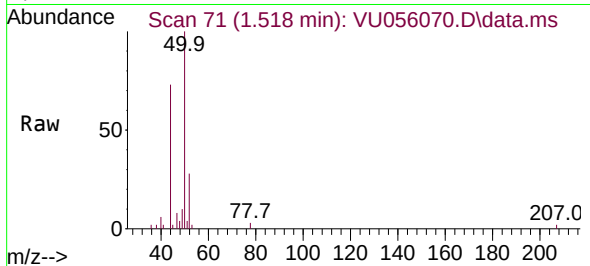




#3
Chloromethane
Concen: 0.373 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU056070.D
Acq: 02 Nov 2023 16:55

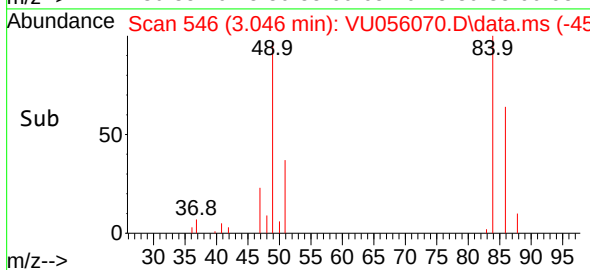
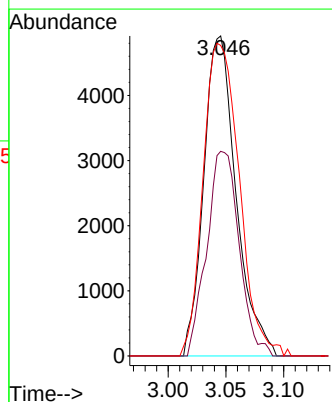
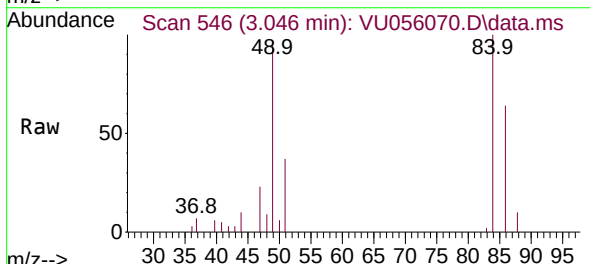
Instrument :
MSVOA_U
ClientSampleId :

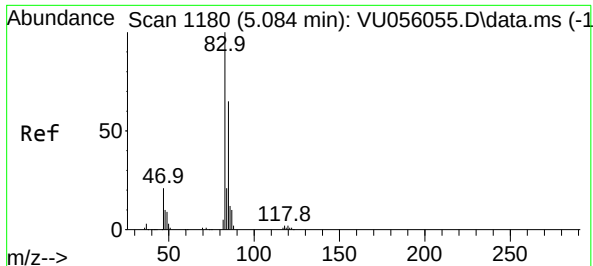
Tgt Ion: 50 Resp: 6791
Ion Ratio Lower Upper
50 100
52 27.7 22.0 40.8



#16
Methylene chloride
Concen: 0.521 ug/L
RT: 3.046 min Scan# 546
Delta R.T. -0.000 min
Lab File: VU056070.D
Acq: 02 Nov 2023 16:55

Tgt Ion: 84 Resp: 9576
Ion Ratio Lower Upper
84 100
86 64.0 45.2 84.0
49 97.0 78.8 146.3





#25

Chloroform

Concen: 0.548 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU056070.D

Acq: 02 Nov 2023 16:55

Instrument :

MSVOA_U

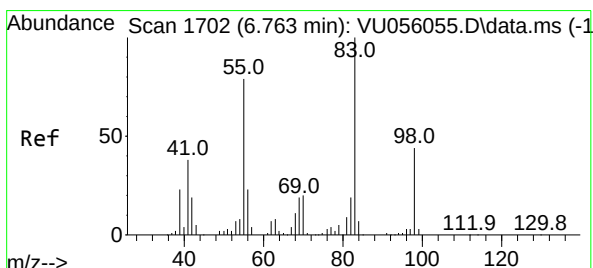
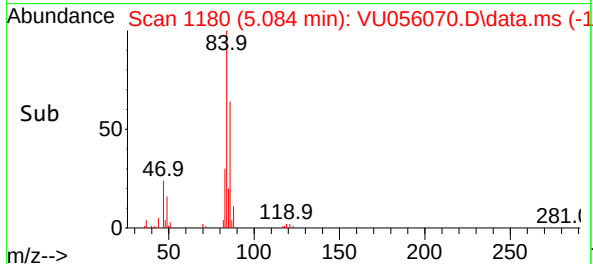
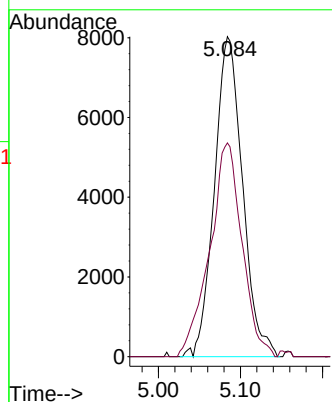
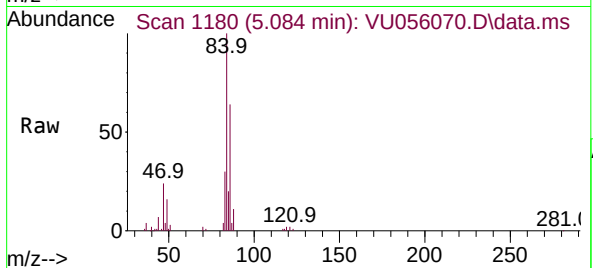
ClientSampleId :

Tgt Ion: 83 Resp: 19159

Ion Ratio Lower Upper

83 100

85 66.8 45.6 84.8



#35

Methylcyclohexane

Concen: 1.094 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.077 min

Lab File: VU056070.D

Acq: 02 Nov 2023 16:55

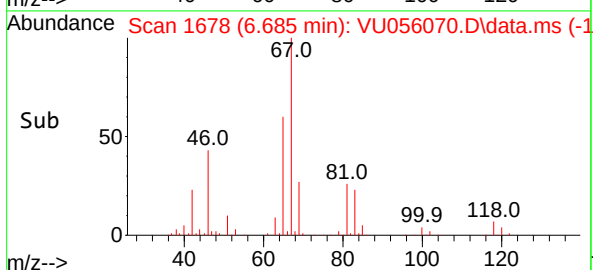
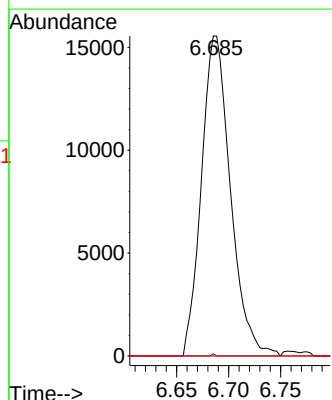
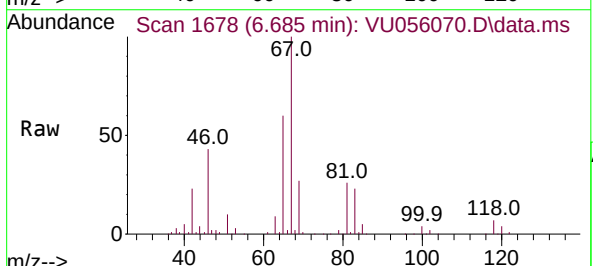
Tgt Ion: 83 Resp: 30195

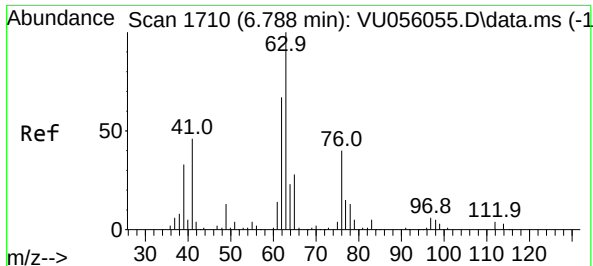
Ion Ratio Lower Upper

83 100

55 0.1 62.4 93.6#

98 1.5 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056070.D

Acq: 02 Nov 2023 16:55

Instrument :

MSVOA_U

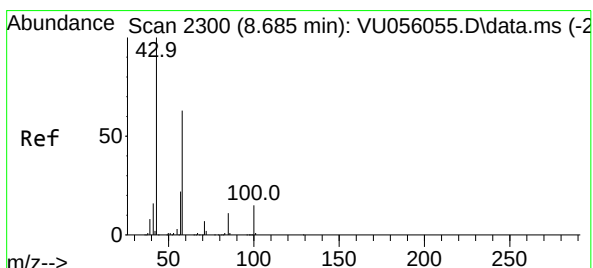
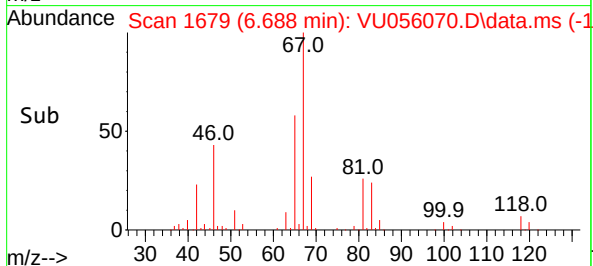
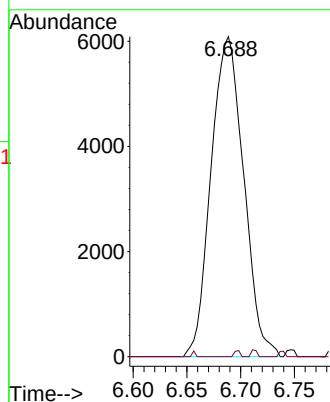
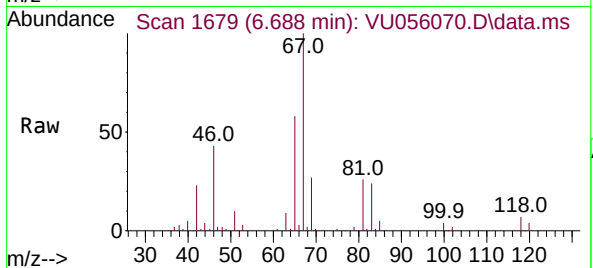
ClientSampleId :

Tgt Ion: 63 Resp: 12849

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#



#48

2-Hexanone

Concen: 2.891 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. -0.000 min

Lab File: VU056070.D

Acq: 02 Nov 2023 16:55

Tgt Ion: 43 Resp: 21280

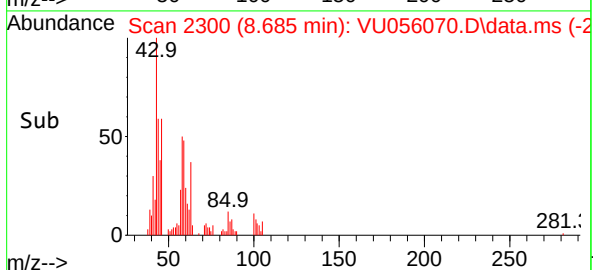
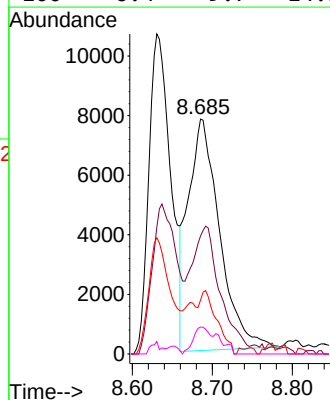
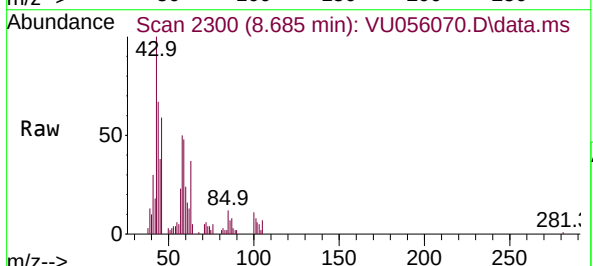
Ion Ratio Lower Upper

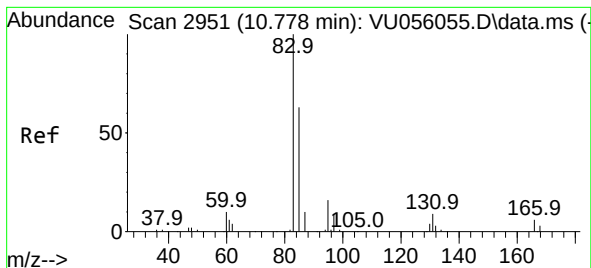
43 100

58 45.9 49.5 74.3#

57 14.4 16.9 25.3#

100 6.4 9.7 14.5#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.133 ug/L

RT: 10.782 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU056070.D

Acq: 02 Nov 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

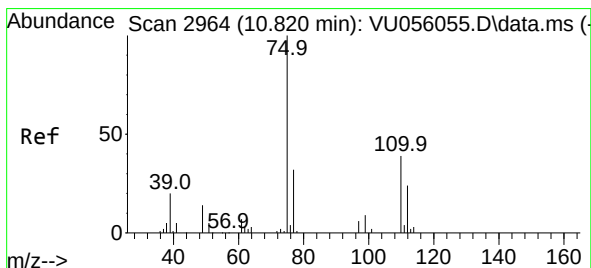
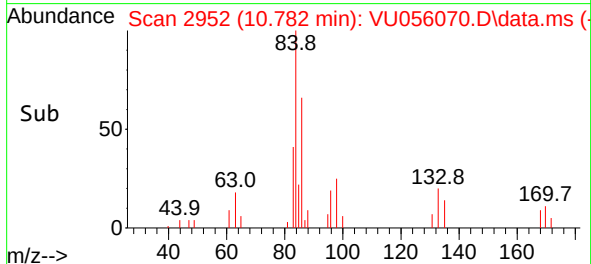
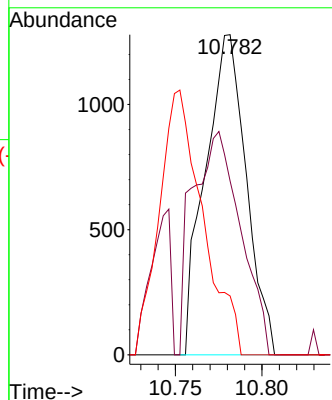
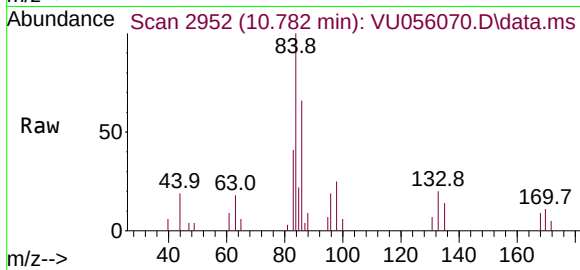
Tgt Ion: 83 Resp: 2101

Ion Ratio Lower Upper

83 100

85 54.3 46.2 85.8

131 18.4 7.2 10.8#



#61

1,2,3-Trichloropropane

Concen: 1.736 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU056070.D

Acq: 02 Nov 2023 16:55

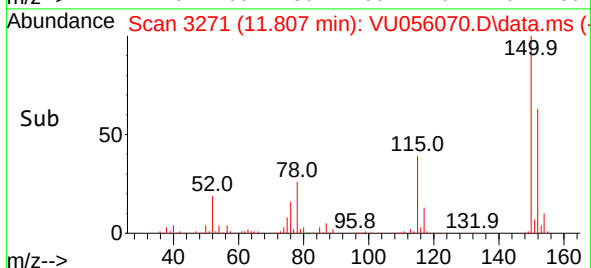
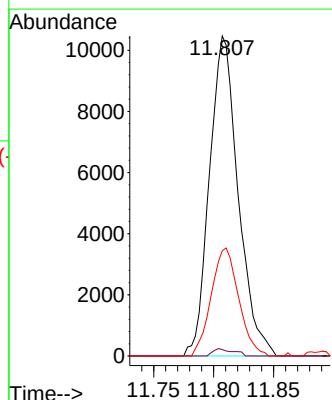
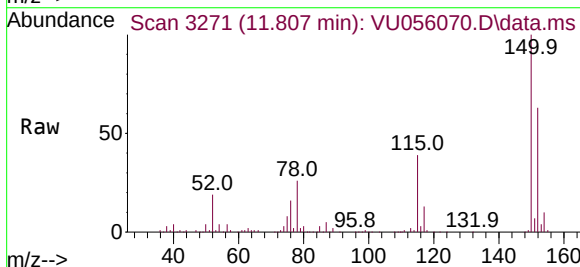
Tgt Ion: 75 Resp: 17406

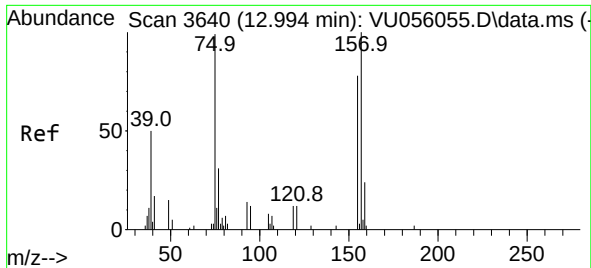
Ion Ratio Lower Upper

75 100

110 1.6 29.0 43.6#

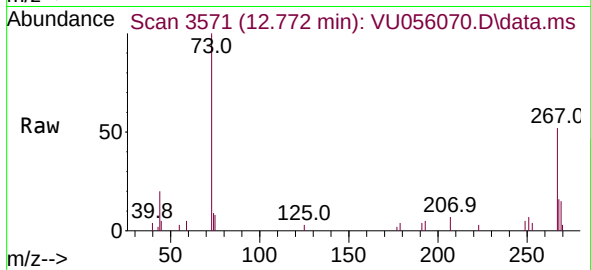
77 32.3 24.5 36.7





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.214 ug/L
 RT: 12.772 min Scan# 31
 Delta R.T. -0.222 min
 Lab File: VU056070.D
 Acq: 02 Nov 2023 16:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 382
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.3 97.9#
 157 0.0 87.9 131.9#

