

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054727.D
 Acq On : 30 Jun 2023 17:06
 Operator : MD/SY
 Sample : 03495-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FA3

Quant Time: Jul 03 06:46:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

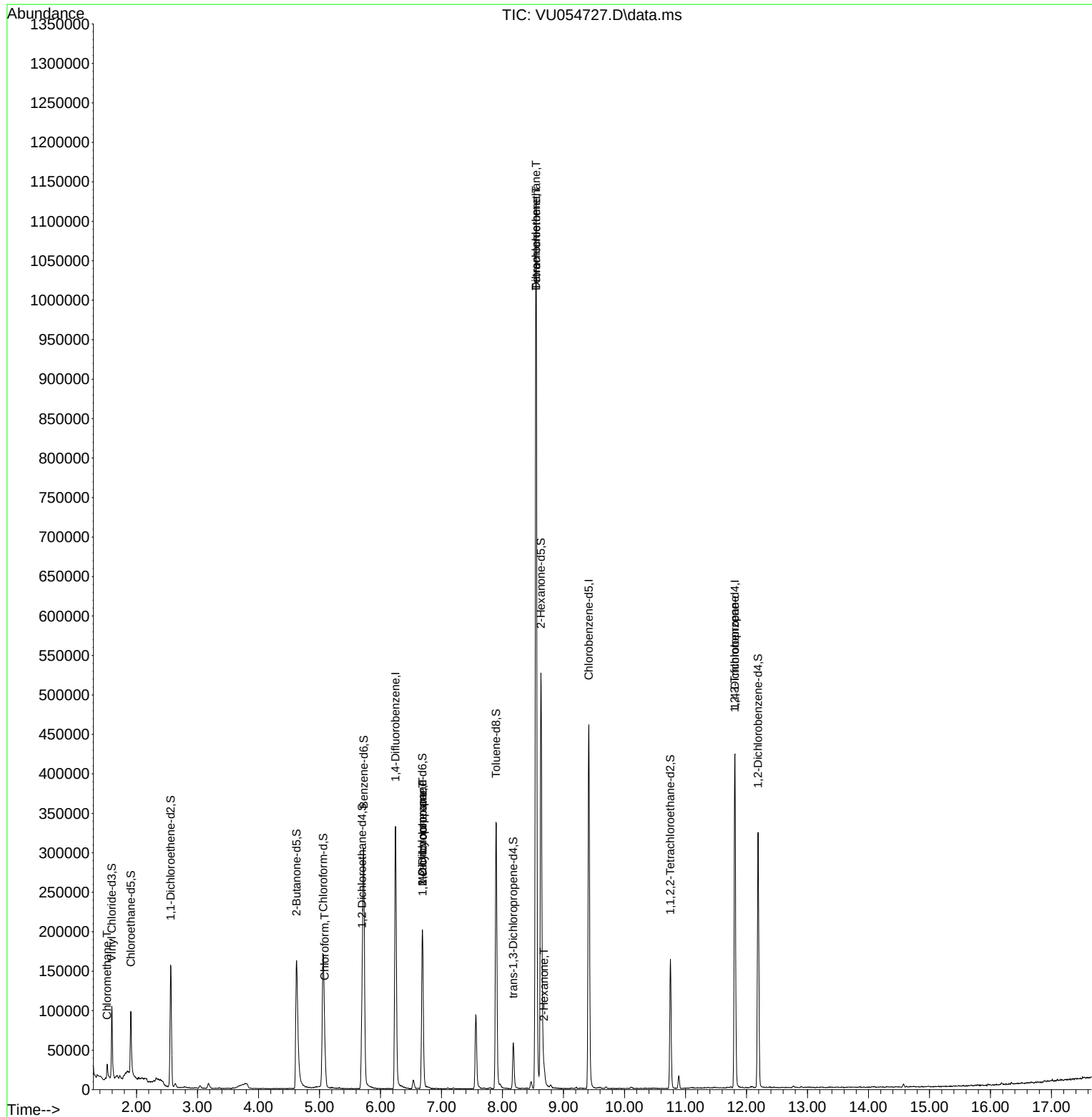
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264647	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256416	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	111292	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	71920	4.270	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.907	69	65352	4.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.560	65	29997	3.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.624	46	252648	53.353	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.700%
24) Chloroform-d	5.058	84	148989	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.698	65	77595	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.724	84	277264	3.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.685	67	99699	4.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.894	98	229384	3.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.177	79	34607	4.181	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.631	63	173662	50.005	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.020%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82790	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	83986	4.474	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
3) Chloromethane	1.518	50	13525	0.476	ug/L	92
25) Chloroform	5.084	83	36315	0.898	ug/L	95
35) Methylcyclohexane	6.689	83	21909	0.595	ug/L #	17
37) 1,2-Dichloropropane	6.692	63	10370	0.416	ug/L #	91
47) Tetrachloroethene	8.550	164	253054	13.566	ug/L	97
48) 2-Hexanone	8.682	43	9302	0.939	ug/L #	85
49) Dibromochloromethane	8.550	129	237130	14.247	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	14269	1.269	ug/L #	69

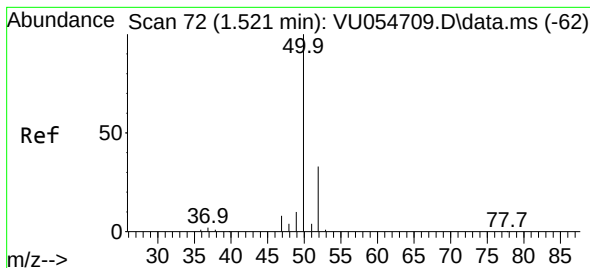
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.476 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU054727.D

Acq: 30 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

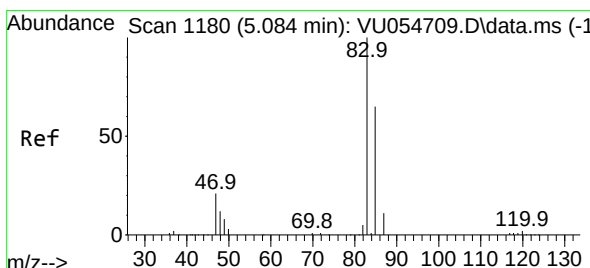
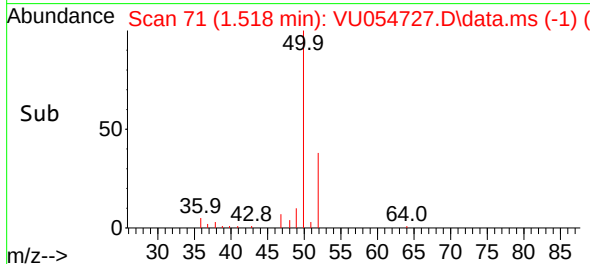
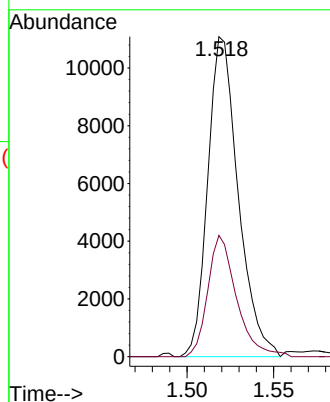
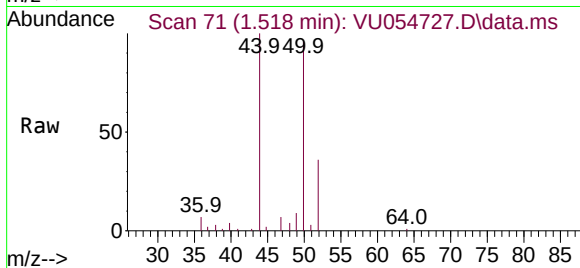
H0FA3

Tgt Ion: 50 Resp: 13525

Ion Ratio Lower Upper

50 100

52 37.9 23.4 43.4



#25

Chloroform

Concen: 0.898 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054727.D

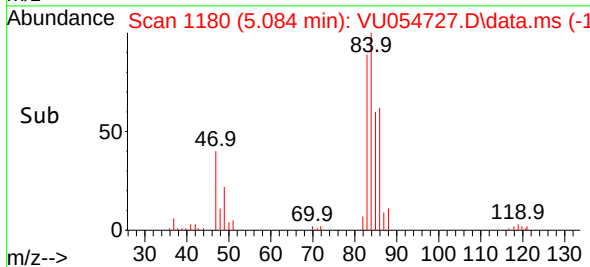
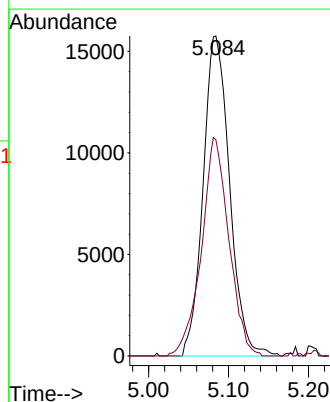
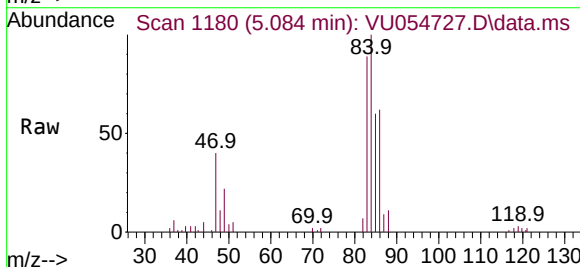
Acq: 30 Jun 2023 17:06

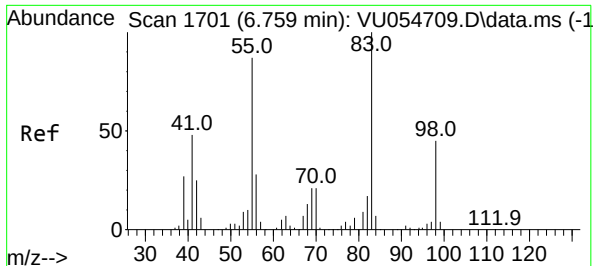
Tgt Ion: 83 Resp: 36315

Ion Ratio Lower Upper

83 100

85 67.5 44.7 82.9





#35

Methylcyclohexane

Concen: 0.595 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054727.D

Acq: 30 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

H0FA3

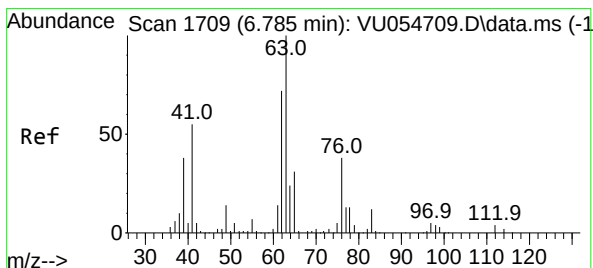
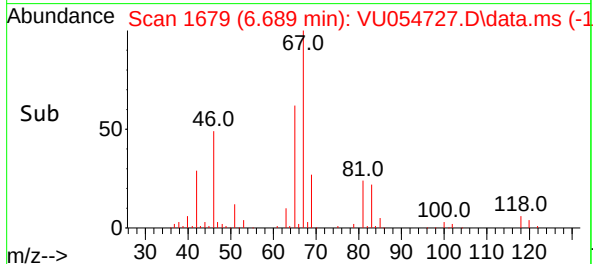
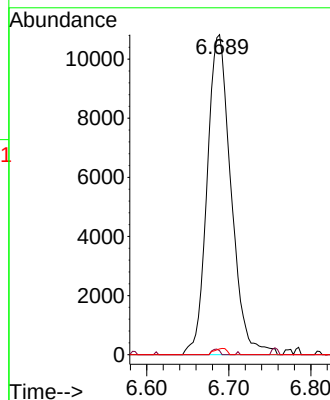
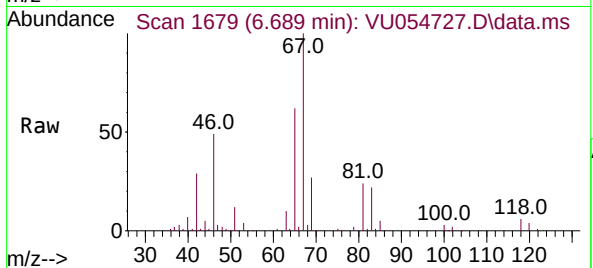
Tgt Ion: 83 Resp: 21909

Ion Ratio Lower Upper

83 100

55 0.5 67.1 100.7#

98 1.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.416 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.093 min

Lab File: VU054727.D

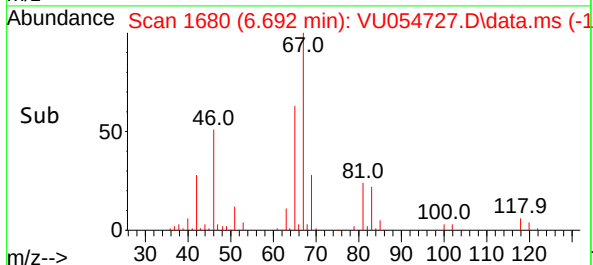
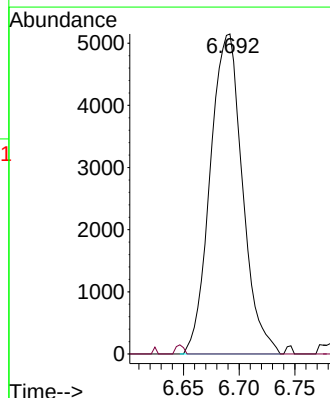
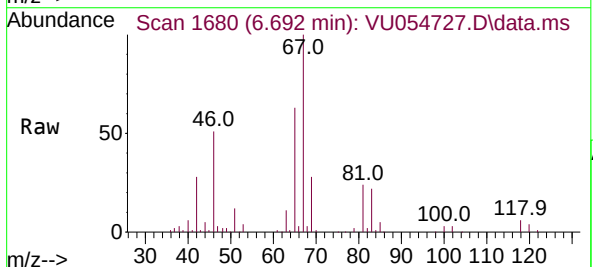
Acq: 30 Jun 2023 17:06

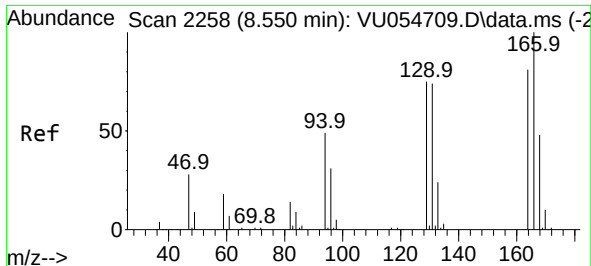
Tgt Ion: 63 Resp: 10370

Ion Ratio Lower Upper

63 100

112 0.7 3.0 4.6#





#47

Tetrachloroethene

Concen: 13.566 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054727.D

Acq: 30 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

H0FA3

Tgt Ion:164 Resp: 253054

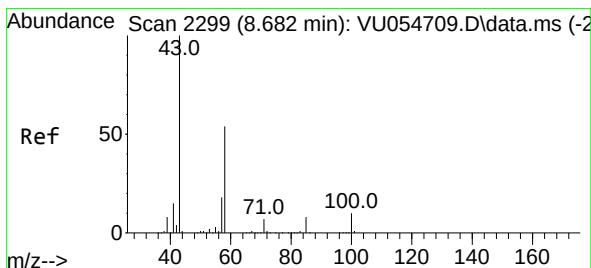
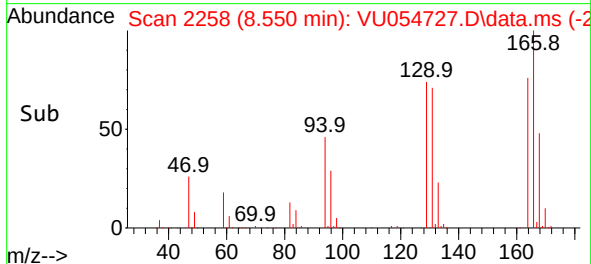
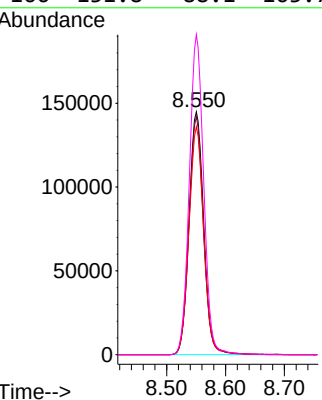
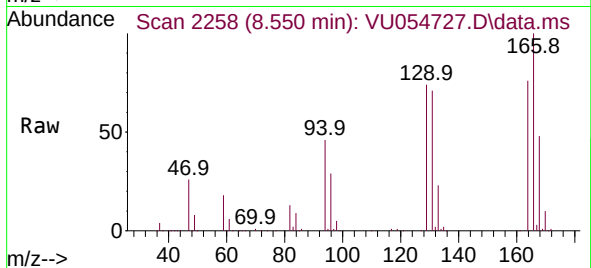
Ion Ratio Lower Upper

164 100

129 98.0 67.7 125.7

131 93.9 64.6 120.0

166 131.8 88.1 163.7



#48

2-Hexanone

Concen: 0.939 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054727.D

Acq: 30 Jun 2023 17:06

Tgt Ion: 43 Resp: 9302

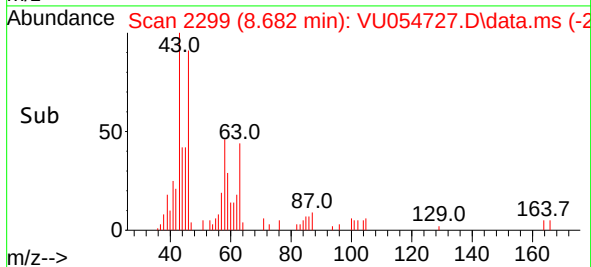
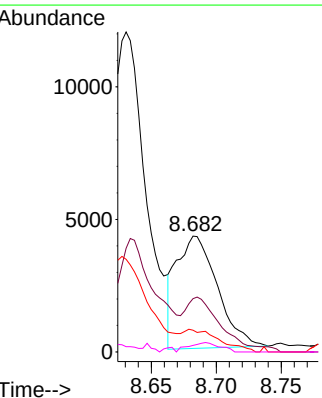
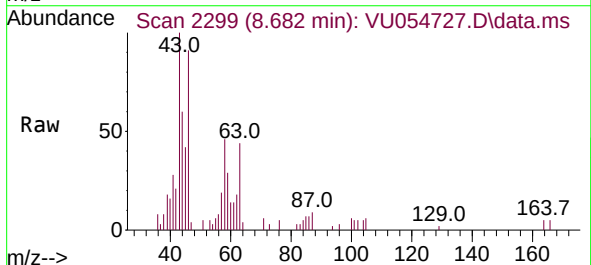
Ion Ratio Lower Upper

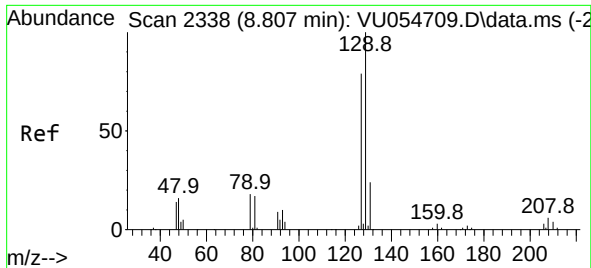
43 100

58 42.5 45.2 67.8#

57 17.2 15.8 23.6

100 6.3 8.7 13.1#





#49

Dibromochloromethane

Concen: 14.247 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU054727.D

Acq: 30 Jun 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

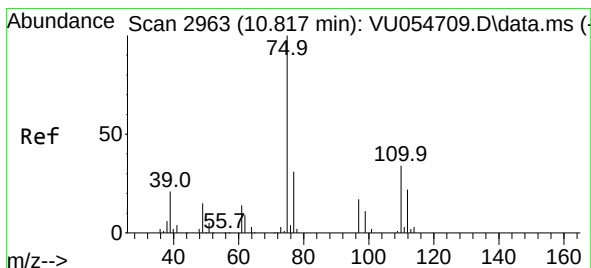
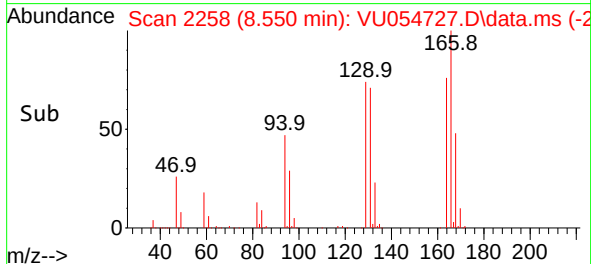
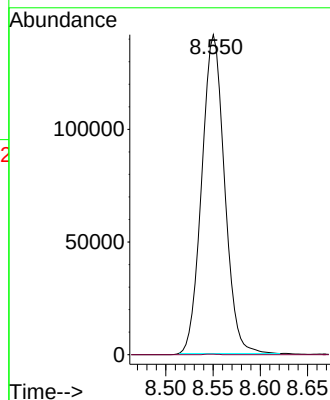
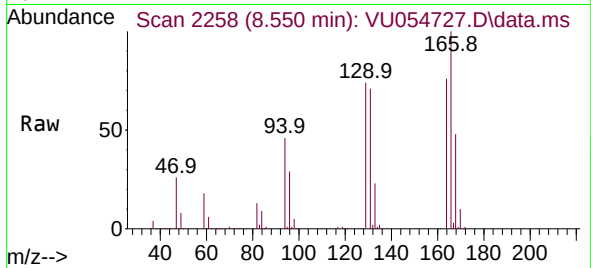
H0FA3

Tgt Ion:129 Resp: 237130

Ion Ratio Lower Upper

129 100

127 0.1 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.269 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU054727.D

Acq: 30 Jun 2023 17:06

Tgt Ion: 75 Resp: 14269

Ion Ratio Lower Upper

75 100

110 2.3 28.0 42.0#

77 33.2 25.4 38.2

