

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061323\
 Data File : VU054500.D
 Acq On : 13 Jun 2023 10:50
 Operator : MD/SY
 Sample : 03104-02DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONL5DL

Quant Time: Jun 14 00:06:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

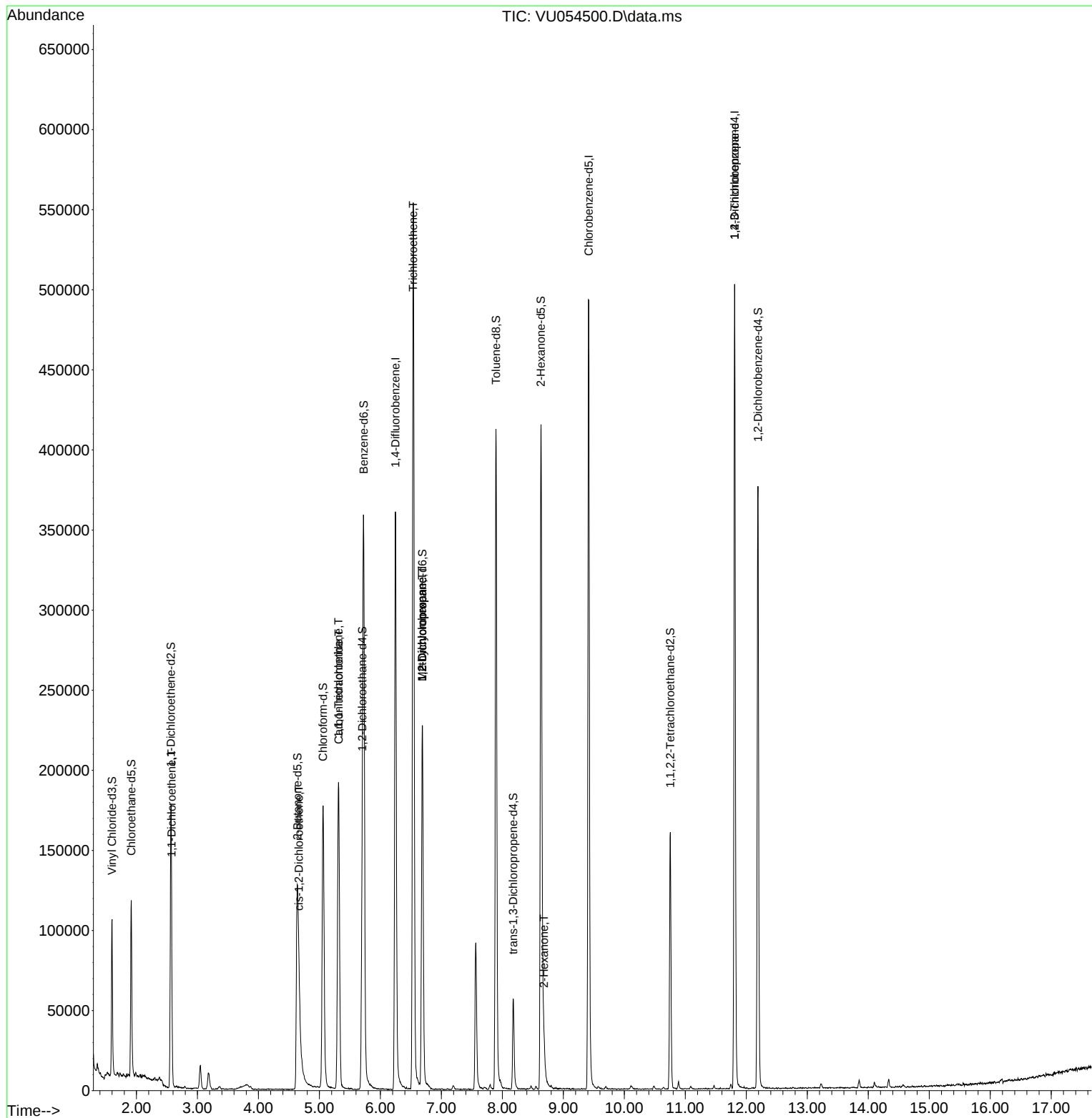
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	297777	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.416	117	283287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	136482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	74440	3.928	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.914	69	85633	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.564	65	33934	4.009	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.638	46	233042	43.738	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.480%
24) Chloroform-d	5.059	84	169514	4.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.702	65	85030	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.724	84	338706	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.689	67	116084	4.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.895	98	282611	4.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.178	79	34354	3.756	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.631	63	144331	37.618	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84556	4.312	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	101303	4.401	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
12) 1,1-Dichloroethene	2.577	96	3808	0.176	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	5049	0.199	ug/L	80
29) 1,1,1-Trichloroethane	5.313	97	141848	3.693	ug/L	98
31) Carbon tetrachloride	5.316	117	19106	0.577	ug/L	99
34) Trichloroethene	6.538	95	199304	7.403	ug/L	97
35) Methylcyclohexane	6.686	83	25292	0.622	ug/L #	16
37) 1,2-Dichloropropane	6.686	63	12540	0.456	ug/L #	90
48) 2-Hexanone	8.682	43	14162	1.294	ug/L #	74
61) 1,2,3-Trichloropropane	11.808	75	17178	1.245	ug/L #	70

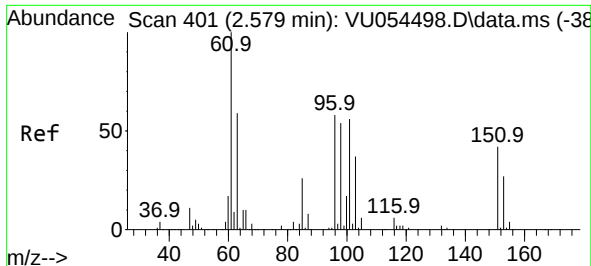
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 14 00:05:43 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.176 ug/L

RT: 2.577 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU054500.D

Acq: 13 Jun 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

CONL5DL

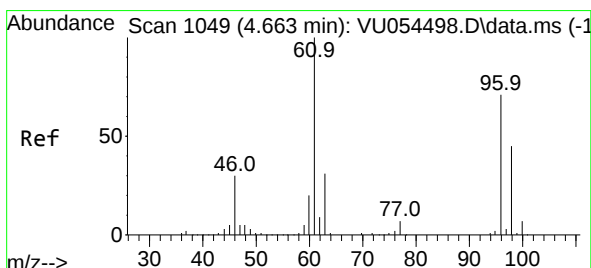
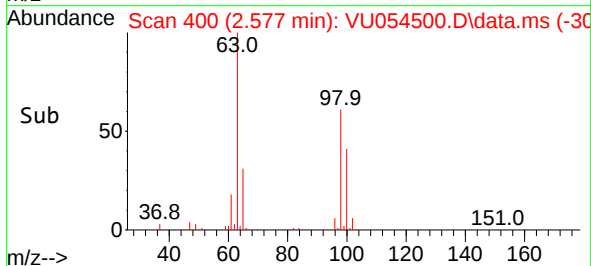
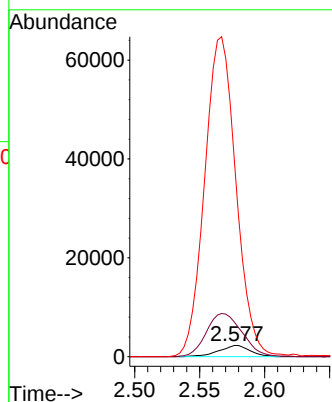
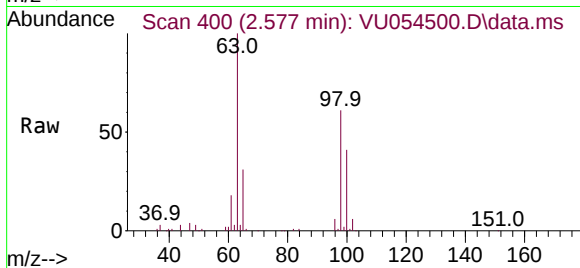
Tgt Ion: 96 Resp: 3808

Ion Ratio Lower Upper

96 100

61 309.2 119.9 222.7#

63 1760.4 64.3 119.3#



#22

cis-1,2-Dichloroethene

Concen: 0.199 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054500.D

Acq: 13 Jun 2023 10:50

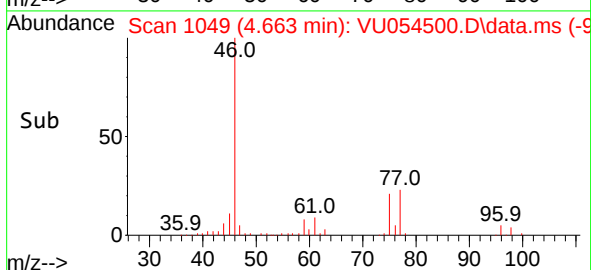
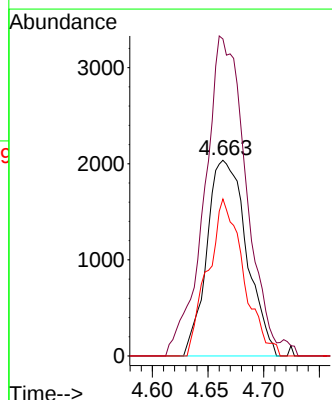
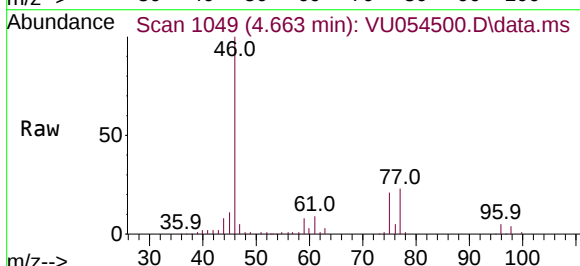
Tgt Ion: 96 Resp: 5049

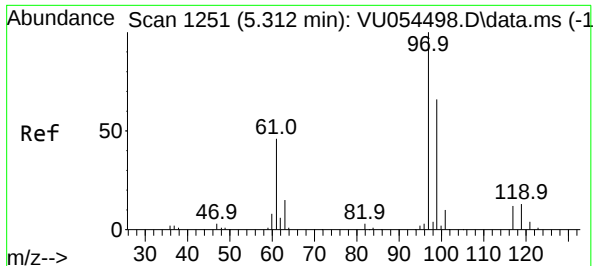
Ion Ratio Lower Upper

96 100

61 162.0 96.5 179.1

98 80.3 44.9 83.3





#29

1,1,1-Trichloroethane

Concen: 3.693 ug/L

RT: 5.313 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054500.D

Acq: 13 Jun 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

CONL5DL

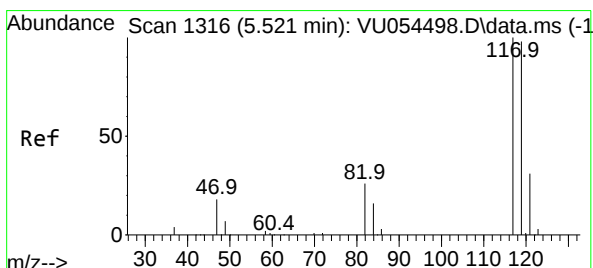
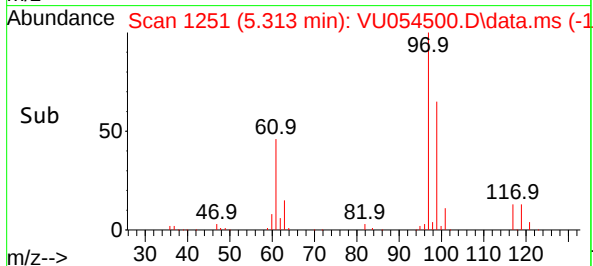
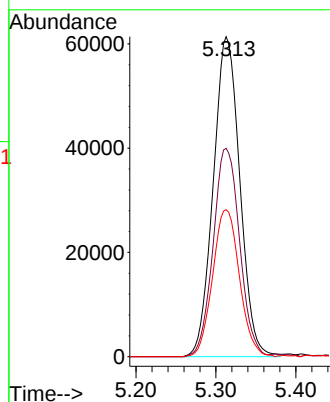
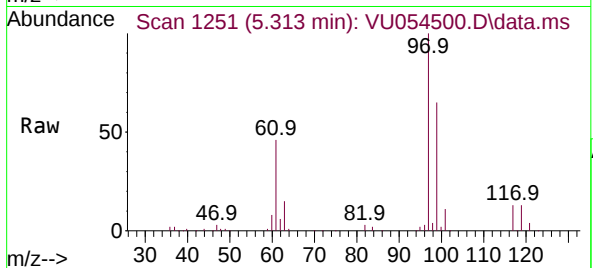
Tgt Ion: 97 Resp: 141848

Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

61 46.3 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.577 ug/L

RT: 5.316 min Scan# 1252

Delta R.T. -0.205 min

Lab File: VU054500.D

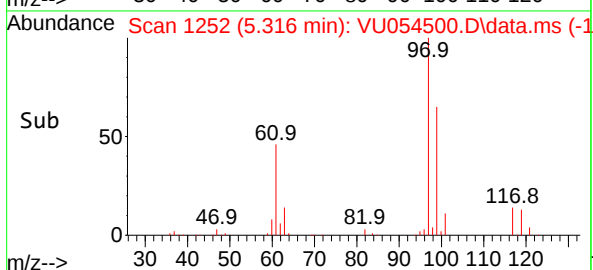
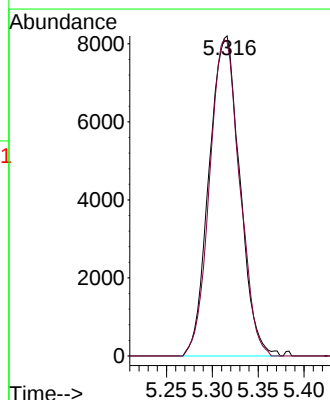
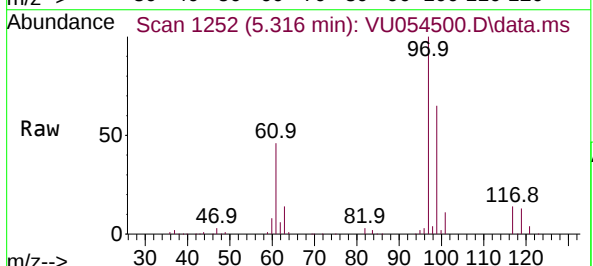
Acq: 13 Jun 2023 10:50

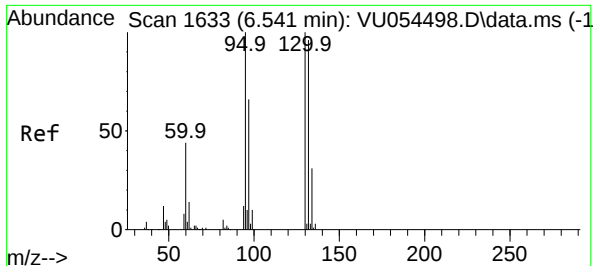
Tgt Ion: 117 Resp: 19106

Ion Ratio Lower Upper

117 100

119 96.7 76.8 115.2





#34

Trichloroethene

Concen: 7.403 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054500.D

Acq: 13 Jun 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

CONL5DL

Tgt Ion: 95 Resp: 199304

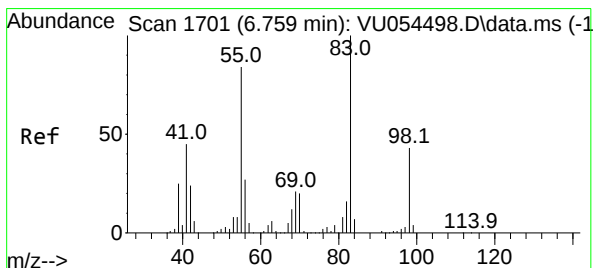
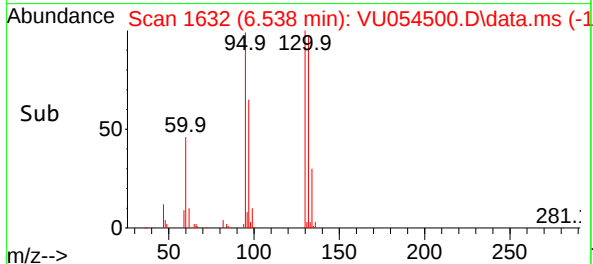
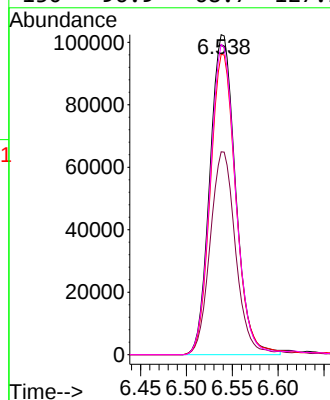
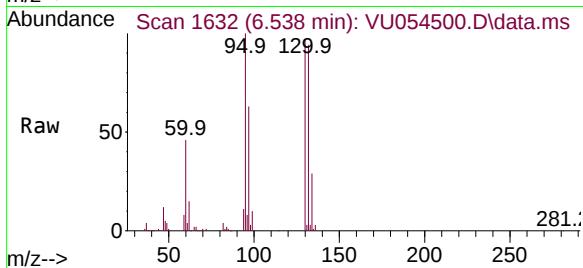
Ion Ratio Lower Upper

95 100

97 63.4 46.8 87.0

132 93.9 68.4 127.0

130 96.9 68.7 127.5



#35

Methylcyclohexane

Concen: 0.622 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU054500.D

Acq: 13 Jun 2023 10:50

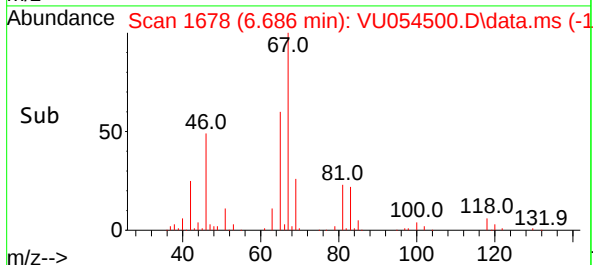
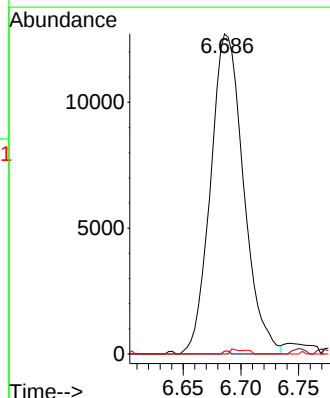
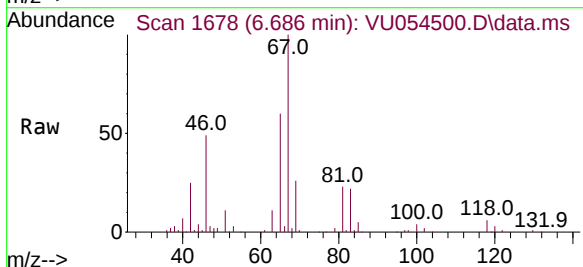
Tgt Ion: 83 Resp: 25292

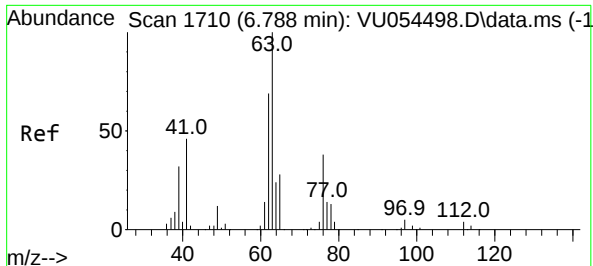
Ion Ratio Lower Upper

83 100

55 0.2 67.1 100.7#

98 0.7 35.1 52.7#

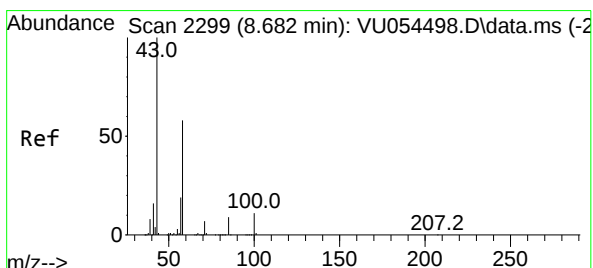
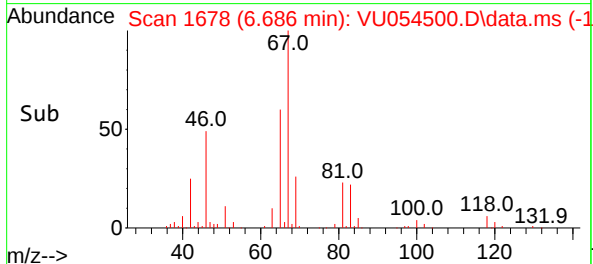
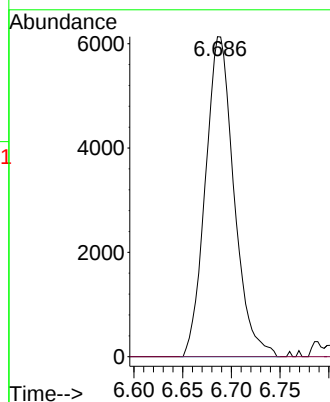
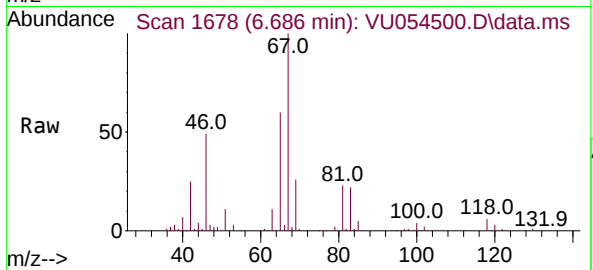




#37
1,2-Dichloropropane
Concen: 0.456 ug/L
RT: 6.686 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU054500.D
Acq: 13 Jun 2023 10:50

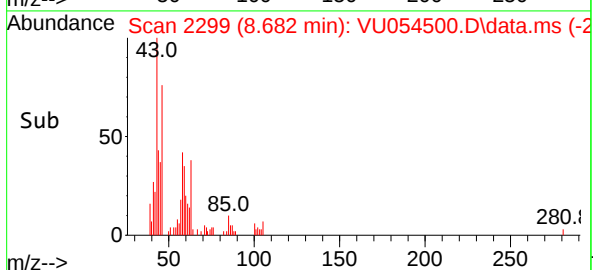
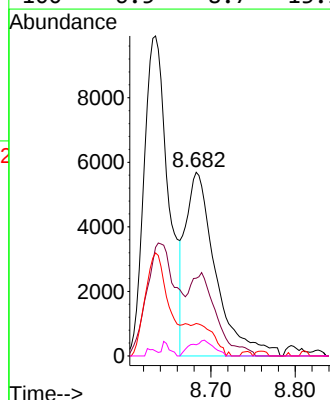
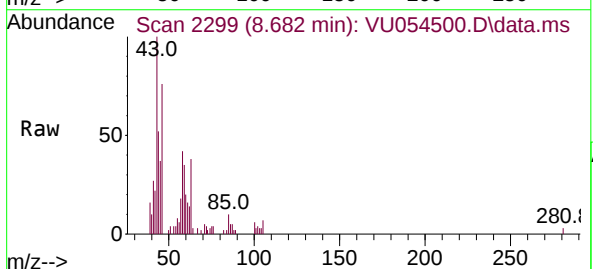
Instrument :
MSVOA_U
ClientSampleId :
CONL5DL

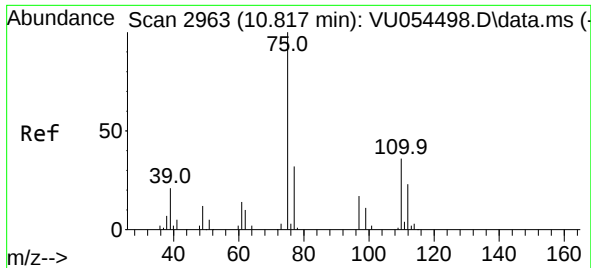
Tgt Ion: 63 Resp: 12540
Ion Ratio Lower Upper
63 100
112 0.5 3.0 4.6#



#48
2-Hexanone
Concen: 1.294 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054500.D
Acq: 13 Jun 2023 10:50

Tgt Ion: 43 Resp: 14162
Ion Ratio Lower Upper
43 100
58 40.2 45.2 67.8#
57 0.0 15.8 23.6#
100 6.5 8.7 13.1#





#61

1,2,3-Trichloropropane

Concen: 1.245 ug/L

RT: 11.808 min Scan# 31

Delta R.T. 0.991 min

Lab File: VU054500.D

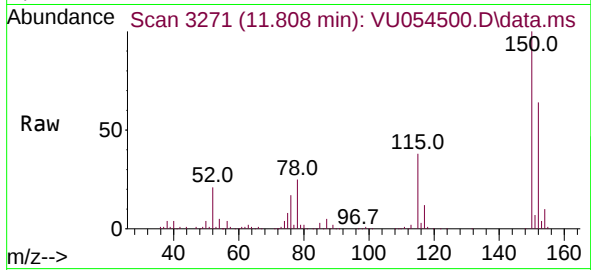
Acq: 13 Jun 2023 10:50

Instrument :

MSVOA_U

ClientSampleId :

C0NL5DL



Tgt Ion: 75 Resp: 17178

Ion Ratio Lower Upper

75 100

110 2.1 28.0 42.0#

77 30.9 25.4 38.2

