

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061323\
 Data File : VU054501.D
 Acq On : 13 Jun 2023 11:15
 Operator : MD/SY
 Sample : 03104-03DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONL9DL

Quant Time: Jun 14 00:07:08 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)

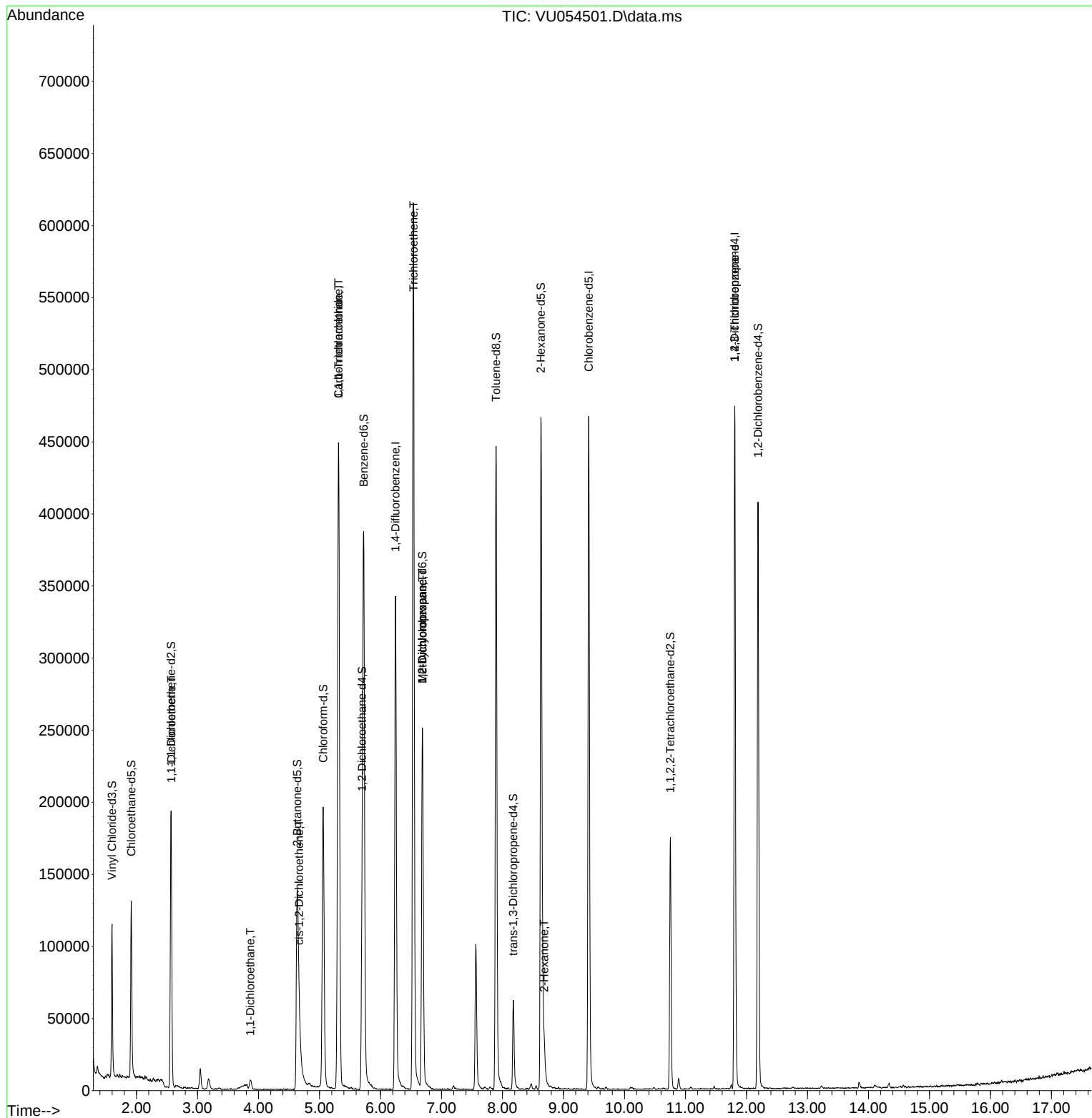
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	276733	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	269089	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	81320	4.617	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.914	69	89485	5.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.566	65	38049	4.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.634	46	255026	51.503	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.000%
24) Chloroform-d	5.058	84	186554	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.698	65	94535	5.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.724	84	369299	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.685	67	127092	5.088	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.894	98	306054	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.177	79	37408	4.306	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.631	63	161625	44.348	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90762	4.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	110947	5.039	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	2278	0.113	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	4252	0.099	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	2334	0.099	ug/L	90
29) 1,1,1-Trichloroethane	5.312	97	335200	9.186	ug/L	99
31) Carbon tetrachloride	5.312	117	42163	1.341	ug/L	99
34) Trichloroethene	6.541	95	220050	8.605	ug/L	97
35) Methylcyclohexane	6.685	83	27589	0.714	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	13990	0.535	ug/L #	91
48) 2-Hexanone	8.685	43	11246	1.082	ug/L #	94
61) 1,2,3-Trichloropropane	11.807	75	16054	1.217	ug/L #	70

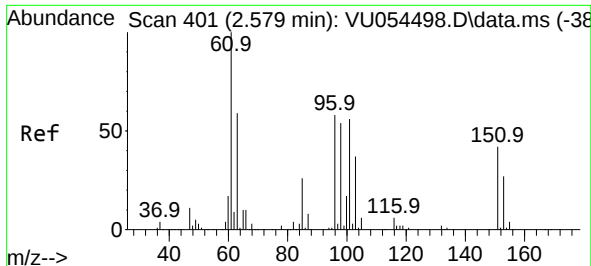
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.113 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.010 min

Lab File: VU054501.D

Acq: 13 Jun 2023 11:15

Instrument :

MSVOA_U

ClientSampleId :

CONL9DL

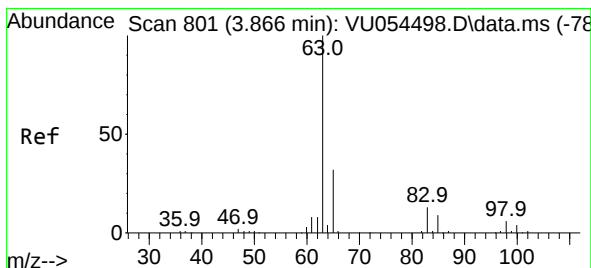
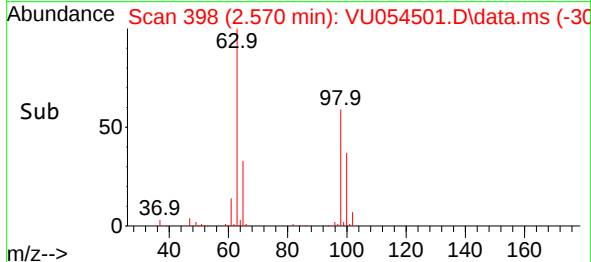
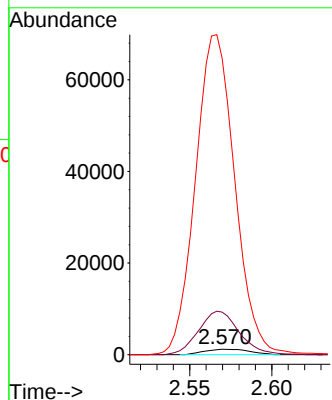
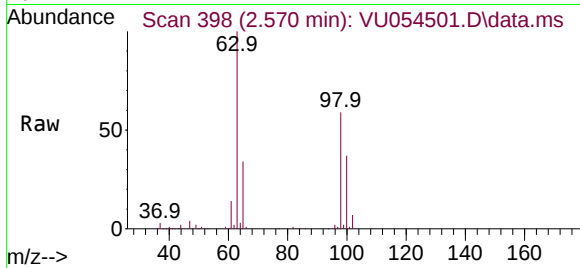
Tgt Ion: 96 Resp: 2278

Ion Ratio Lower Upper

96 100

61 785.7 119.9 222.7#

63 5466.2 64.3 119.3#



#19

1,1-Dichloroethane

Concen: 0.099 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU054501.D

Acq: 13 Jun 2023 11:15

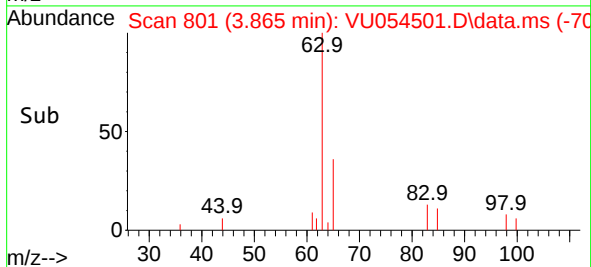
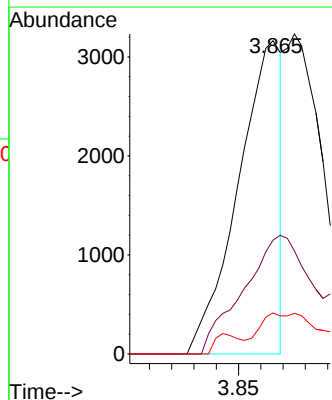
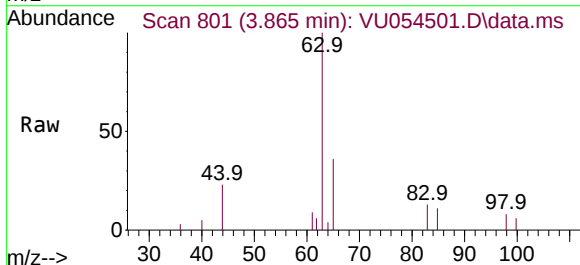
Tgt Ion: 63 Resp: 4252

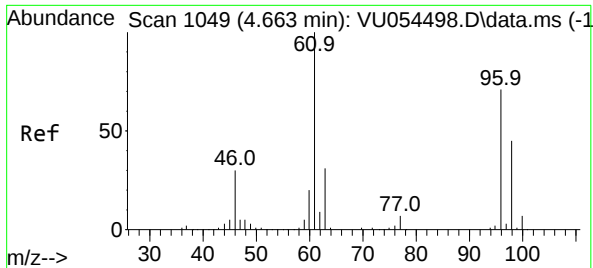
Ion Ratio Lower Upper

63 100

65 36.3 22.2 41.2

83 13.1 9.0 16.6





#22

cis-1,2-Dichloroethene

Concen: 0.099 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU054501.D

Acq: 13 Jun 2023 11:15

Instrument :

MSVOA_U

ClientSampleId :

CONL9DL

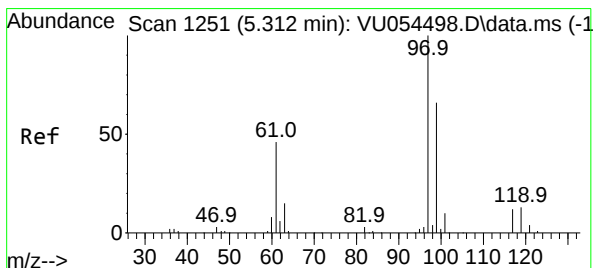
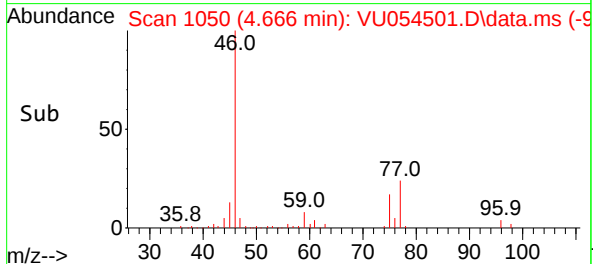
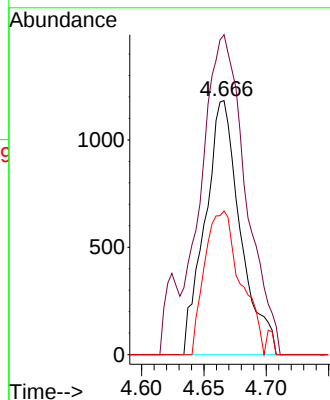
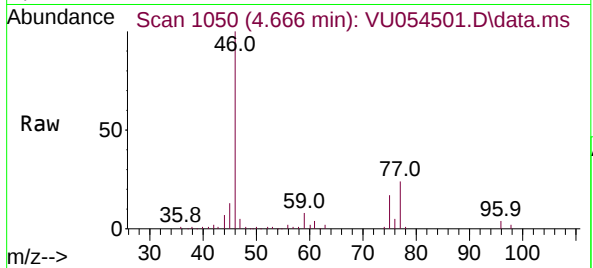
Tgt Ion: 96 Resp: 2334

Ion Ratio Lower Upper

96 100

61 126.0 96.5 179.1

98 56.6 44.9 83.3



#29

1,1,1-Trichloroethane

Concen: 9.186 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VU054501.D

Acq: 13 Jun 2023 11:15

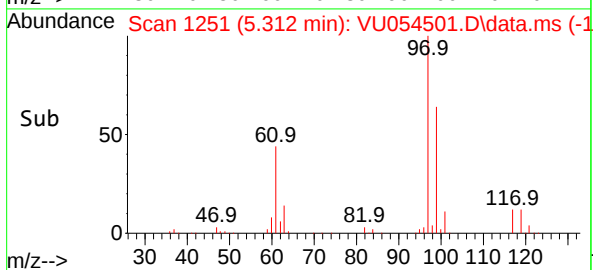
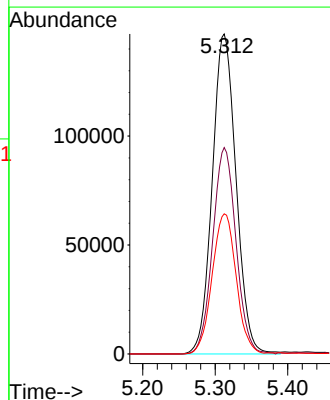
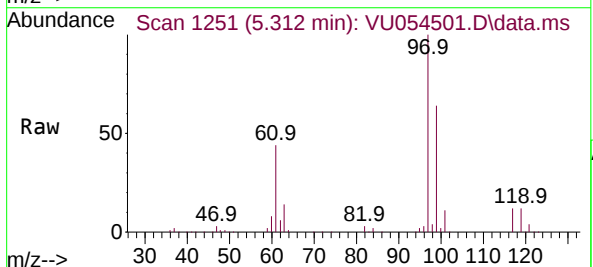
Tgt Ion: 97 Resp: 335200

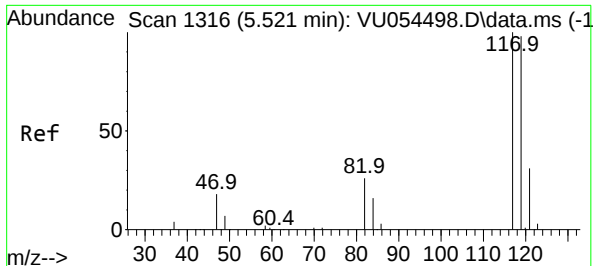
Ion Ratio Lower Upper

97 100

99 63.3 50.8 76.2

61 44.3 36.1 54.1

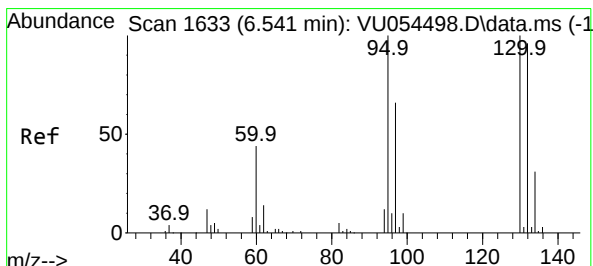
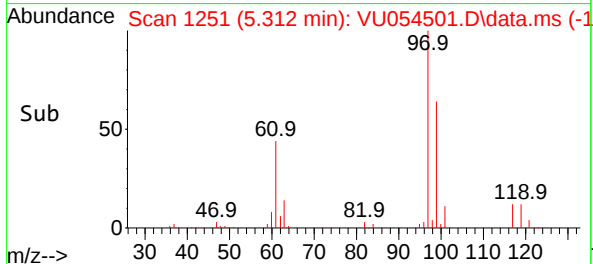
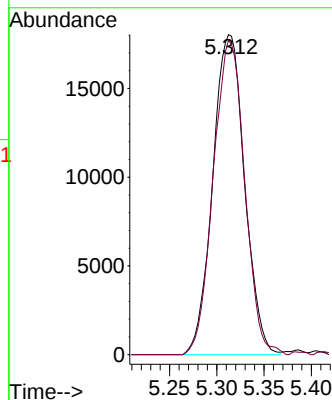
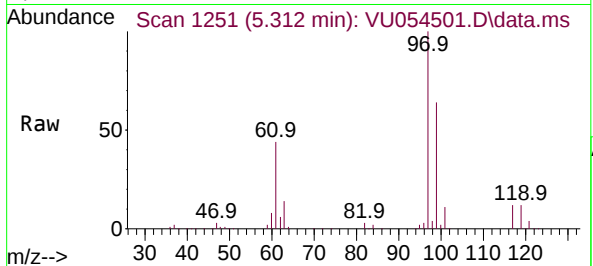




#31
Carbon tetrachloride
Concen: 1.341 ug/L
RT: 5.312 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU054501.D
Acq: 13 Jun 2023 11:15

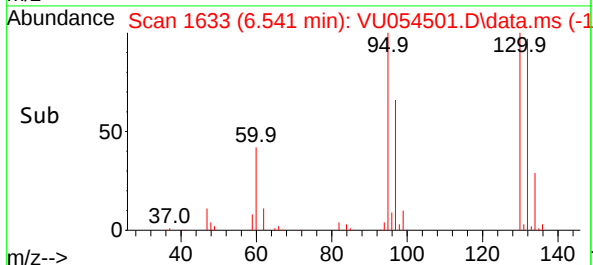
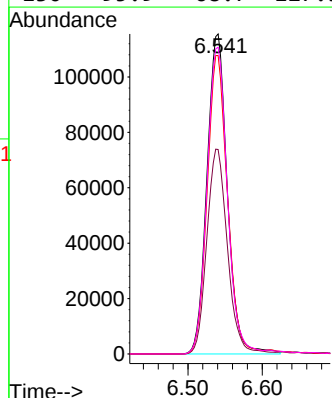
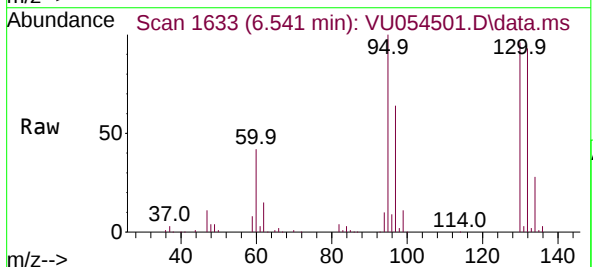
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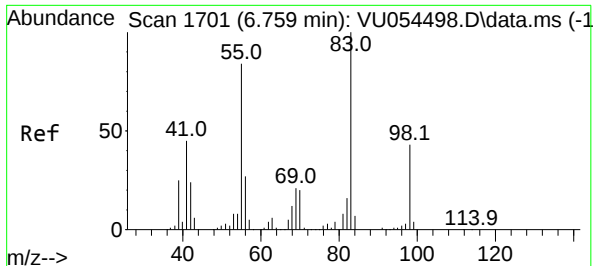
Tgt Ion:117 Resp: 42163
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2



#34
Trichloroethene
Concen: 8.605 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU054501.D
Acq: 13 Jun 2023 11:15

Tgt Ion: 95 Resp: 220050
Ion Ratio Lower Upper
95 100
97 63.9 46.8 87.0
132 93.2 68.4 127.0
130 95.9 68.7 127.5





#35

Methylcyclohexane

Concen: 0.714 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU054501.D

Acq: 13 Jun 2023 11:15

Instrument :

MSVOA_U

ClientSampleId :

CONL9DL

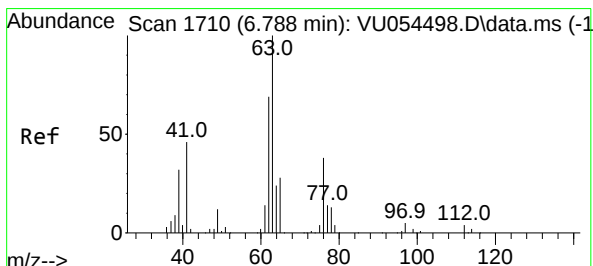
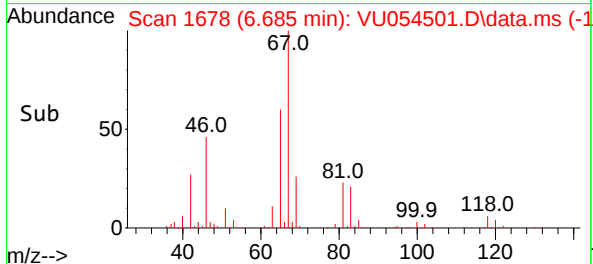
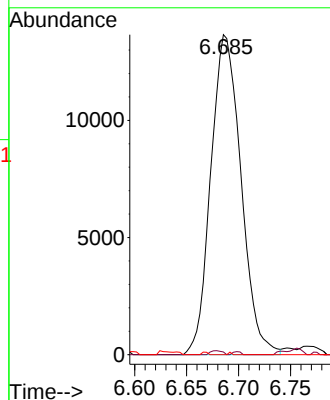
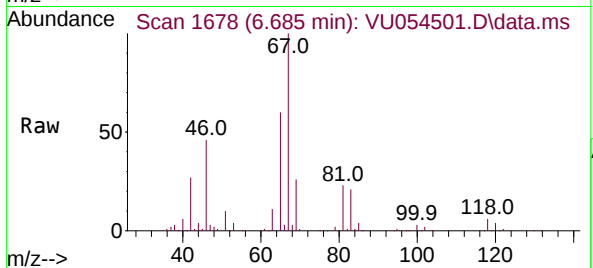
Tgt Ion: 83 Resp: 27589

Ion Ratio Lower Upper

83 100

55 0.5 67.1 100.7#

98 1.2 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.535 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU054501.D

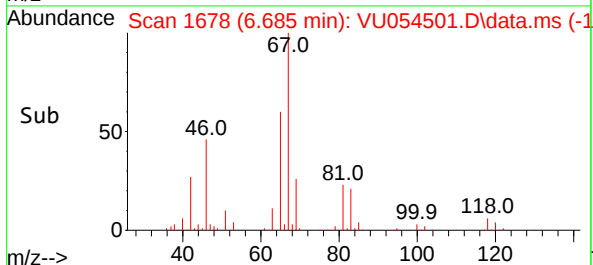
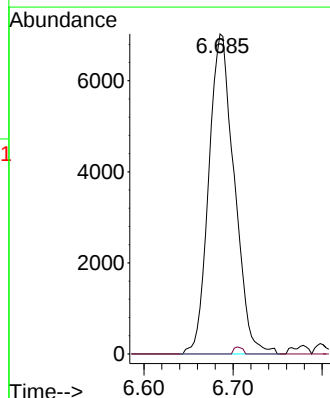
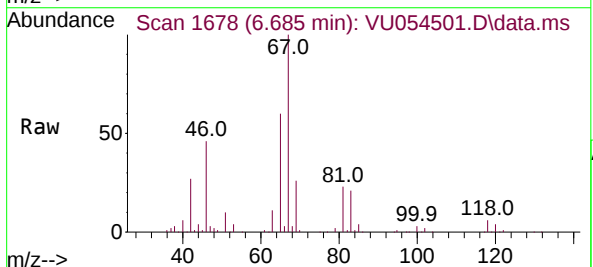
Acq: 13 Jun 2023 11:15

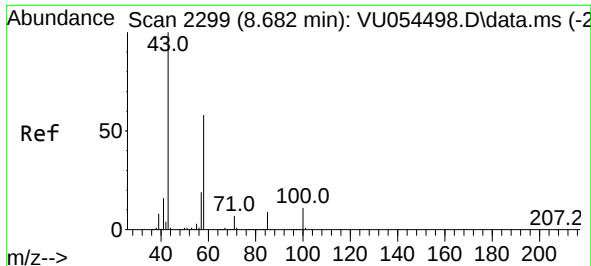
Tgt Ion: 63 Resp: 13990

Ion Ratio Lower Upper

63 100

112 0.7 3.0 4.6#

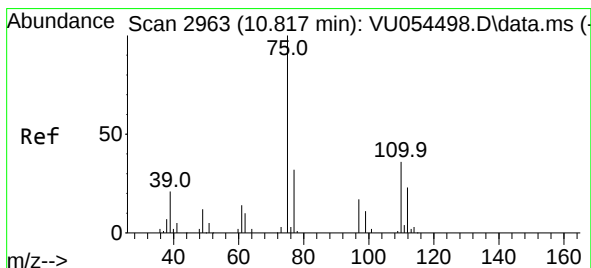
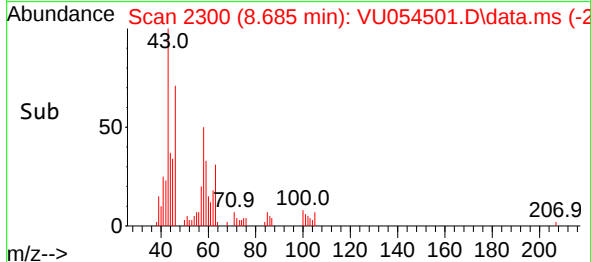
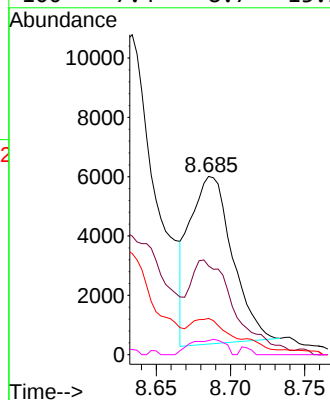
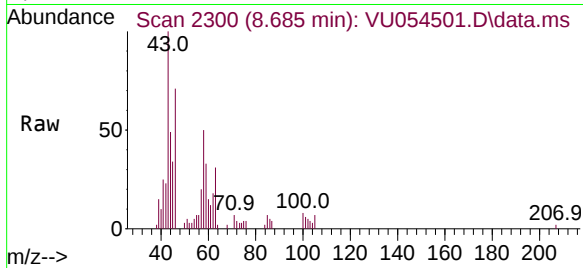




#48
2-Hexanone
Concen: 1.082 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054501.D
Acq: 13 Jun 2023 11:15

Instrument :
MSVOA_U
ClientSampleId :
CONL9DL

Tgt Ion:	43	Resp:	11246
Ion	Ratio	Lower	Upper
43	100		
58	54.3	45.2	67.8
57	25.4	15.8	23.6#
100	7.4	8.7	13.1#



#61
1,2,3-Trichloropropane
Concen: 1.217 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054501.D
Acq: 13 Jun 2023 11:15

Tgt Ion:	75	Resp:	16054
Ion	Ratio	Lower	Upper
75	100		
110	1.7	28.0	42.0#
77	31.5	25.4	38.2

