

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
 Data File : VU054485.D
 Acq On : 12 Jun 2023 14:46
 Operator : MD/SY
 Sample : 03104-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONK9

Quant Time: Jun 13 02:29:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 13 02:28:29 2023
 Response via : Initial Calibration

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

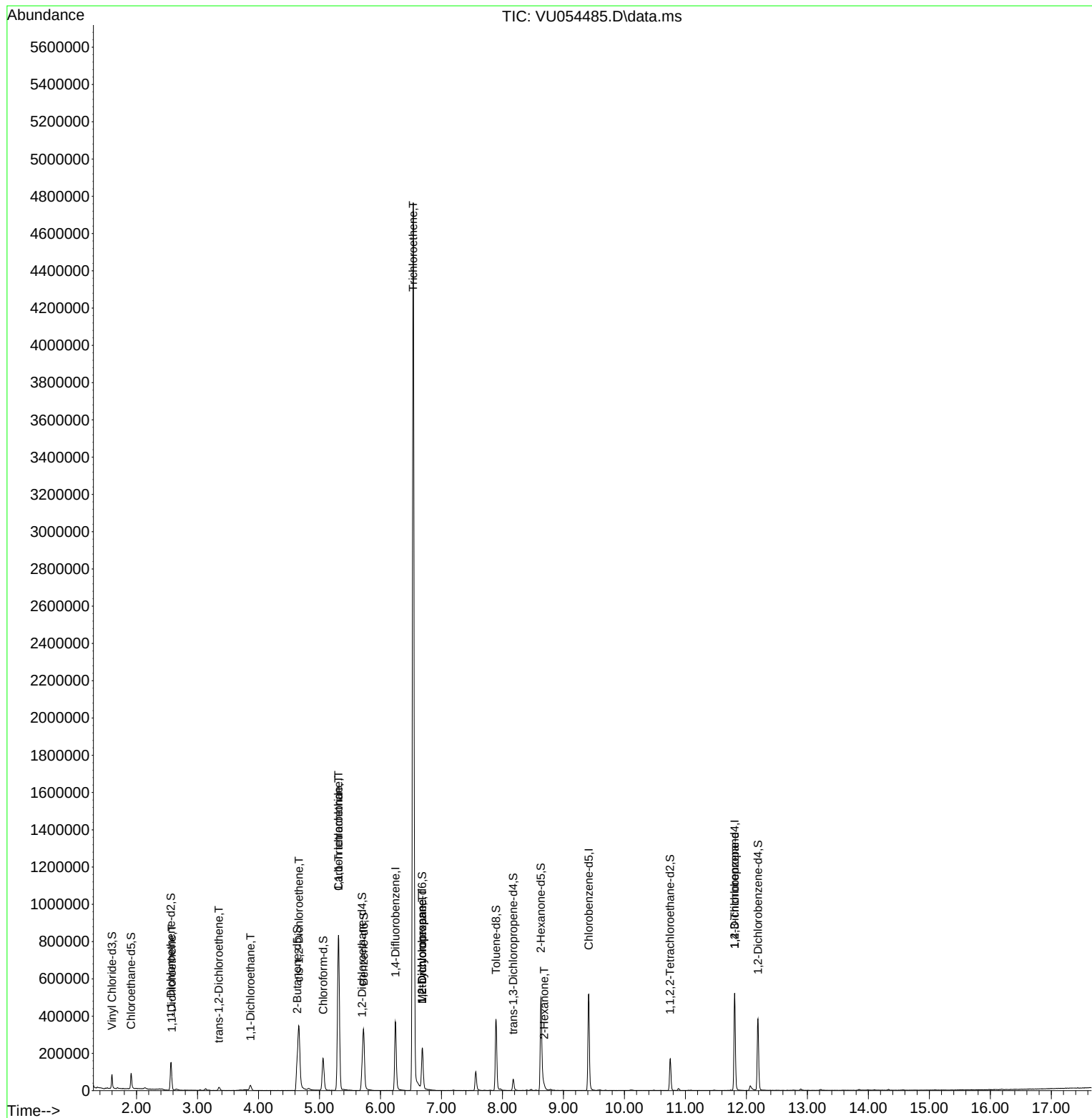
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	301864	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	292214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	140851	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	56403	2.936	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.911	69	64925	3.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.563	65	27483	3.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	4.634	46	276338	51.161	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.320%
24) Chloroform-d	5.062	84	161847	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	5.698	65	84681	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.724	84	307066	3.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.685	67	110981	4.091	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.894	98	263702	3.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.177	79	36571	3.877	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.631	63	173601	43.864	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	90060	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	103580	4.360	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.579	96	6662	0.304	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	7033	0.311	ug/L	94
19) 1,1-Dichloroethane	3.869	63	33323	0.712	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	147452	5.728	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	609897	15.392	ug/L	99
31) Carbon tetrachloride	5.312	117	81349	2.383	ug/L	98
34) Trichloroethene	6.537	95	1662867	59.878	ug/L	97
35) Methylcyclohexane	6.685	83	24310	0.579	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	11746	0.414	ug/L #	90
48) 2-Hexanone	8.685	43	13410	1.188	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	16991	1.194	ug/L #	72

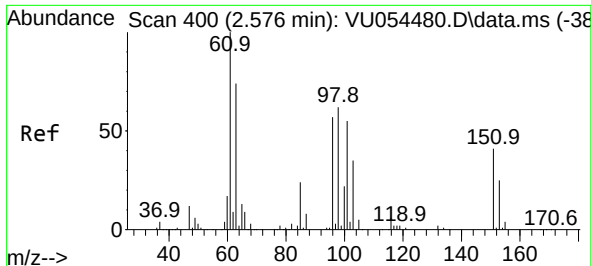
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.304 ug/L

RT: 2.579 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU054485.D

Acq: 12 Jun 2023 14:46

Instrument :

MSVOA_U

ClientSampleId :

CONK9

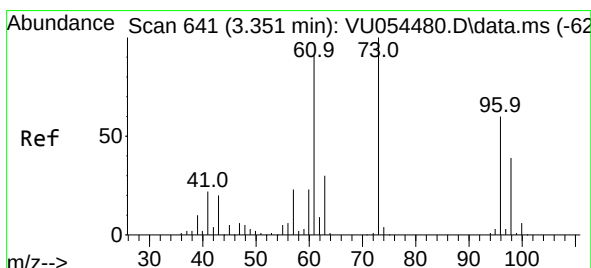
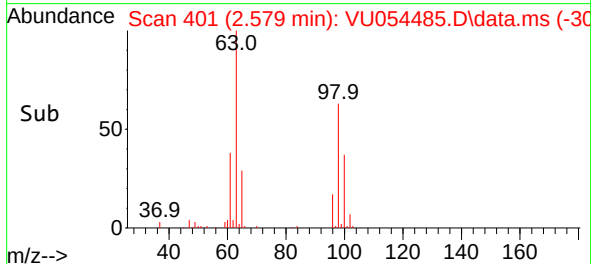
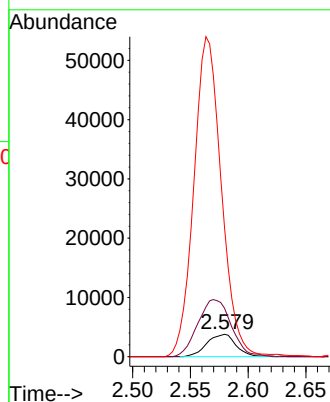
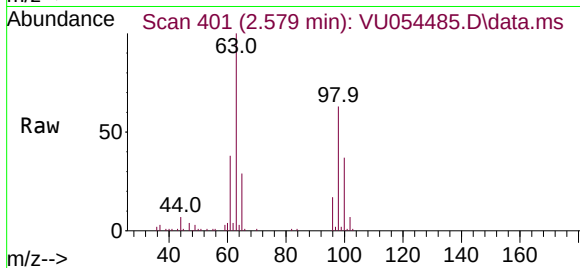
Tgt Ion: 96 Resp: 6662

Ion Ratio Lower Upper

96 100

61 216.5 119.9 222.7

63 577.0 64.3 119.3#



#18

trans-1,2-Dichloroethene

Concen: 0.311 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU054485.D

Acq: 12 Jun 2023 14:46

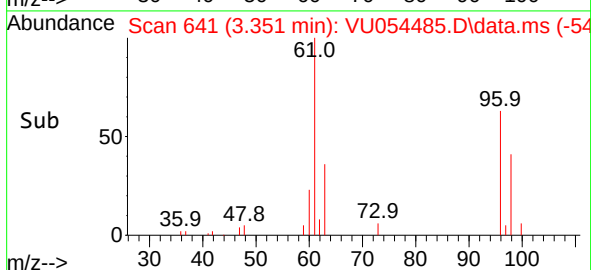
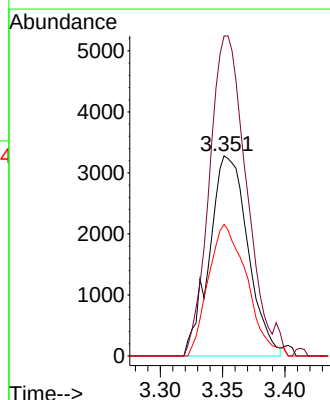
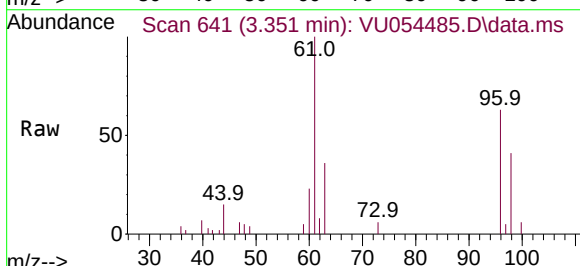
Tgt Ion: 96 Resp: 7033

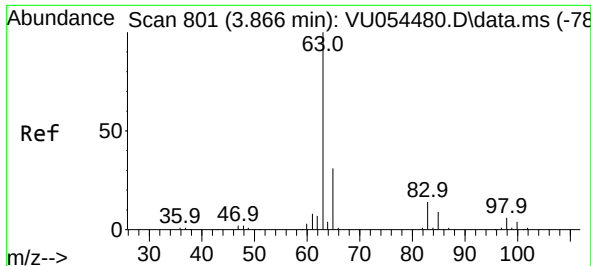
Ion Ratio Lower Upper

96 100

61 159.9 104.6 194.2

98 65.7 45.4 84.4





#19

1,1-Dichloroethane

Concen: 0.712 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU054485.D

Acq: 12 Jun 2023 14:46

Instrument :

MSVOA_U

ClientSampleId :

CONK9

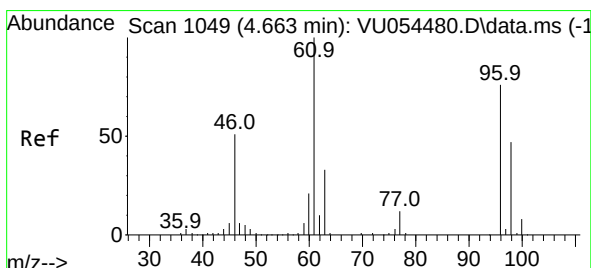
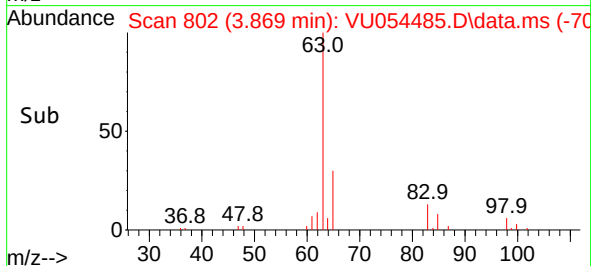
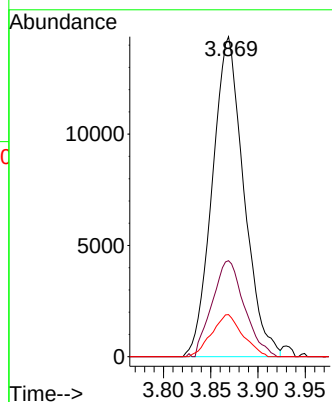
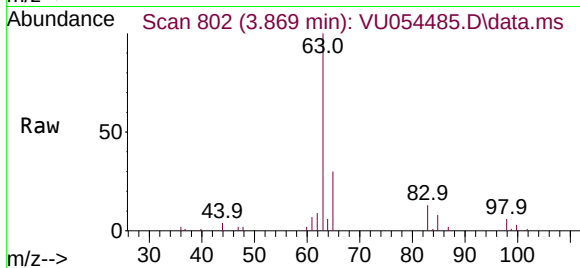
Tgt Ion: 63 Resp: 33323

Ion Ratio Lower Upper

63 100

65 30.0 22.2 41.2

83 13.2 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 5.728 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054485.D

Acq: 12 Jun 2023 14:46

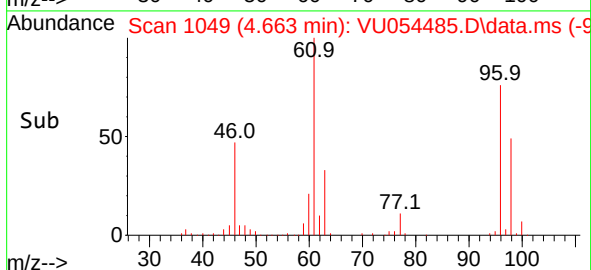
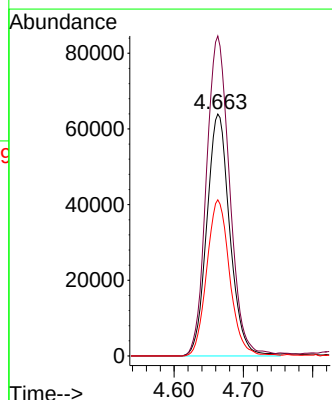
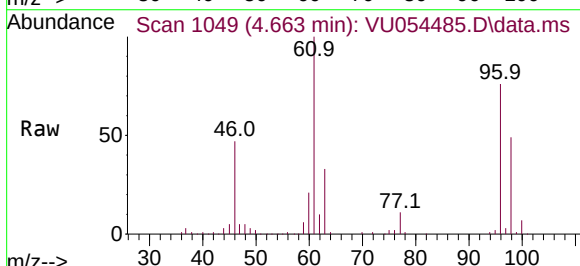
Tgt Ion: 96 Resp: 147452

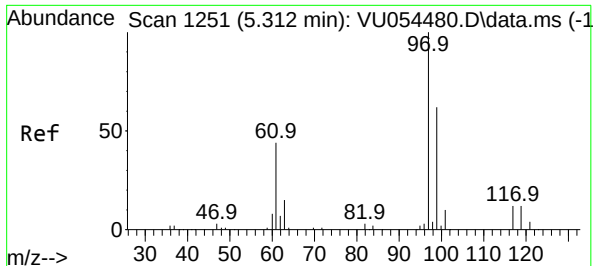
Ion Ratio Lower Upper

96 100

61 132.3 96.5 179.1

98 64.6 44.9 83.3

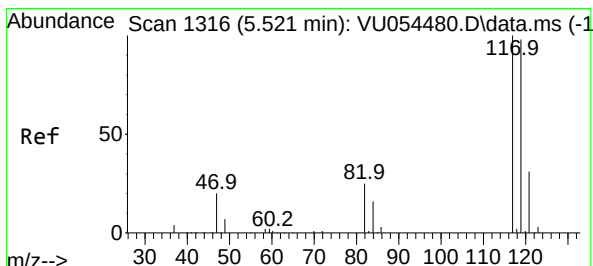
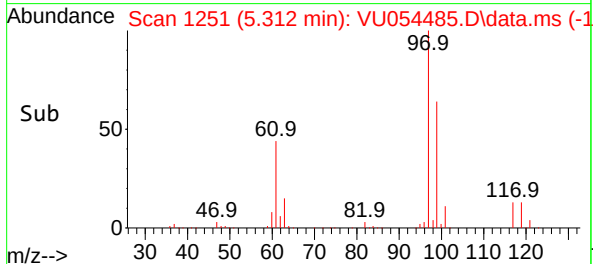
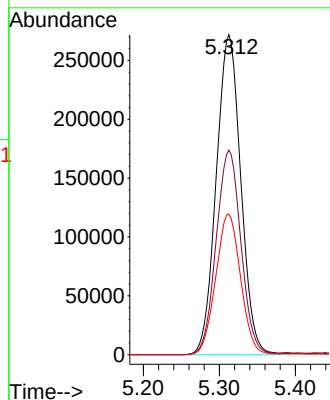
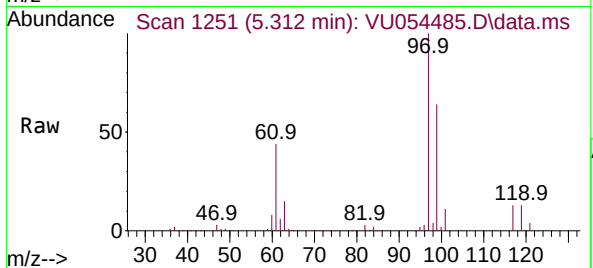




#29
1,1,1-Trichloroethane
Concen: 15.392 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054485.D
Acq: 12 Jun 2023 14:46

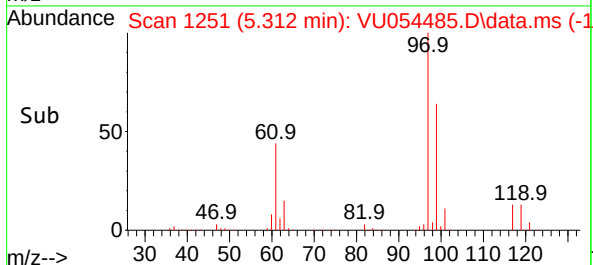
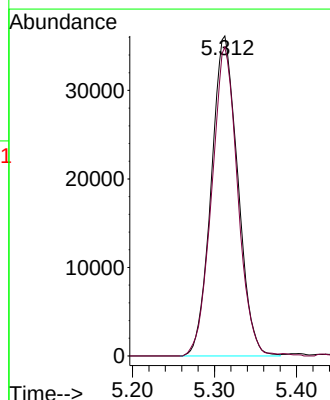
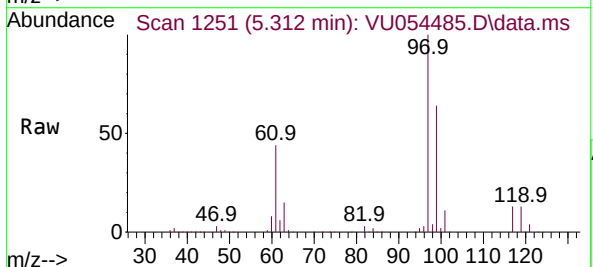
Instrument :
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ClientSampleId :
CONK9

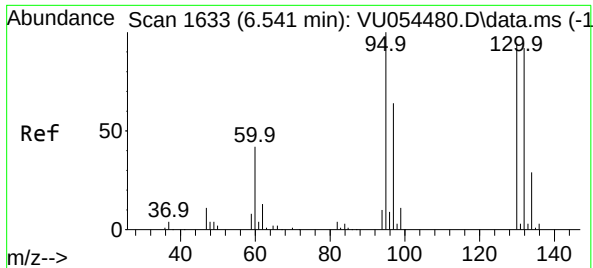
Tgt Ion: 97 Resp: 609897
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 44.5 36.1 54.1



#31
Carbon tetrachloride
Concen: 2.383 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.209 min
Lab File: VU054485.D
Acq: 12 Jun 2023 14:46

Tgt Ion: 117 Resp: 81349
Ion Ratio Lower Upper
117 100
119 94.4 76.8 115.2



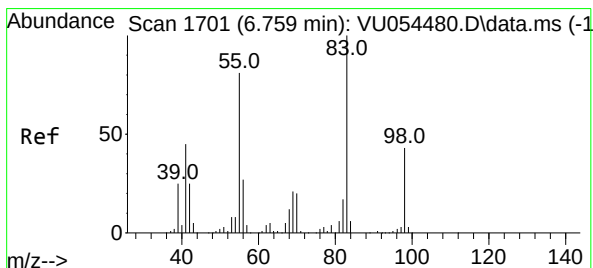
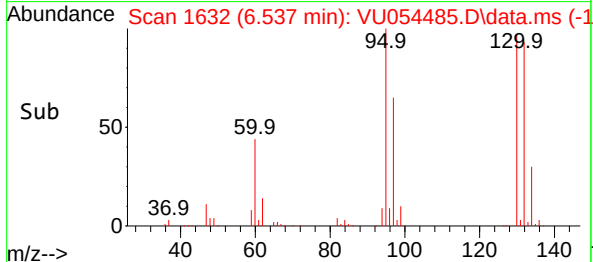
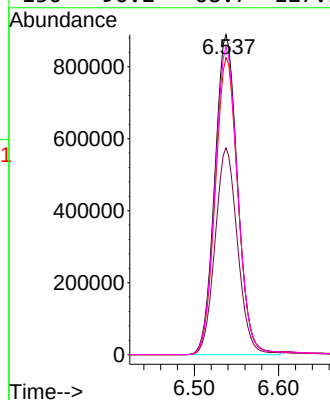
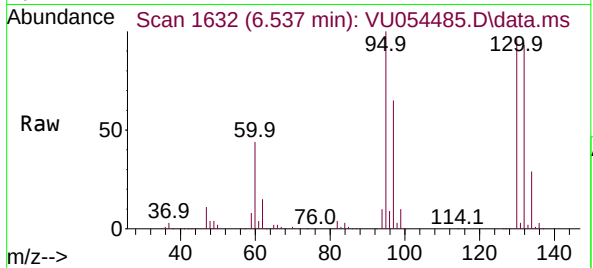


#34
Trichloroethene
Concen: 59.878 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054485.D
Acq: 12 Jun 2023 14:46

Instrument :
MSVOA_U
ClientSampleId :
CONK9

Tgt Ion: 95 Resp: 1662867

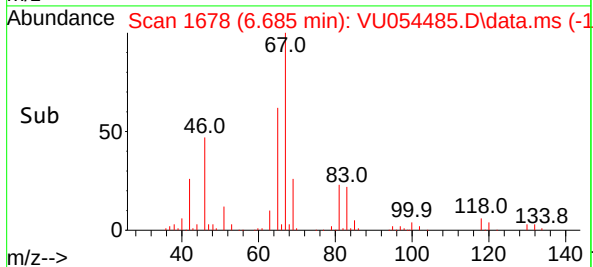
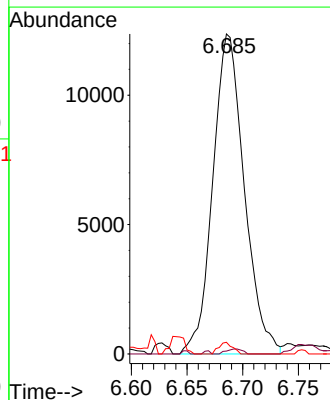
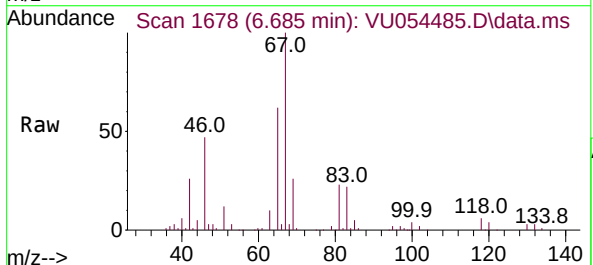
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.8	87.0
132	92.8	68.4	127.0
130	96.2	68.7	127.5

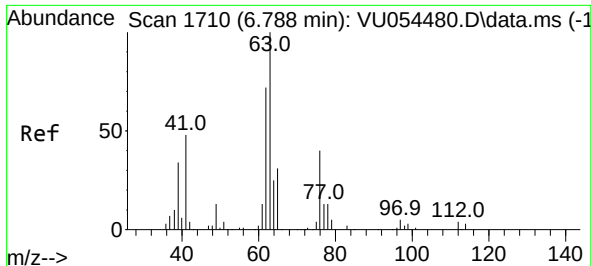


#35
Methylcyclohexane
Concen: 0.579 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054485.D
Acq: 12 Jun 2023 14:46

Tgt Ion: 83 Resp: 24310

Ion	Ratio	Lower	Upper
83	100		
55	0.8	67.1	100.7#
98	0.0	35.1	52.7#





#37

1,2-Dichloropropane

Concen: 0.414 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU054485.D

Acq: 12 Jun 2023 14:46

Instrument :

MSVOA_U

ClientSampleId :

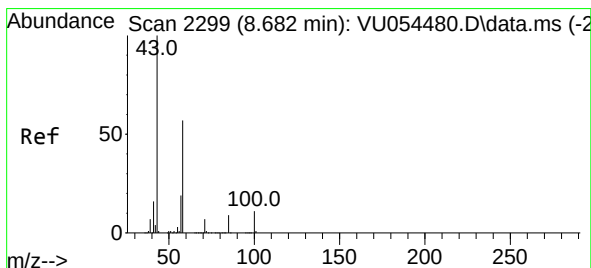
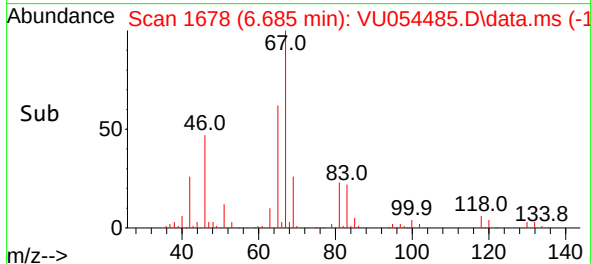
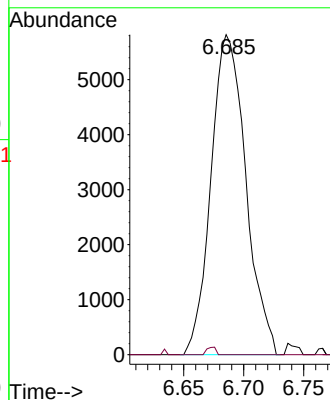
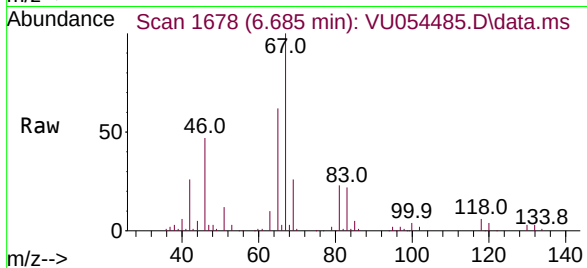
CONK9

Tgt Ion: 63 Resp: 11746

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.6#



#48

2-Hexanone

Concen: 1.188 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054485.D

Acq: 12 Jun 2023 14:46

Tgt Ion: 43 Resp: 13410

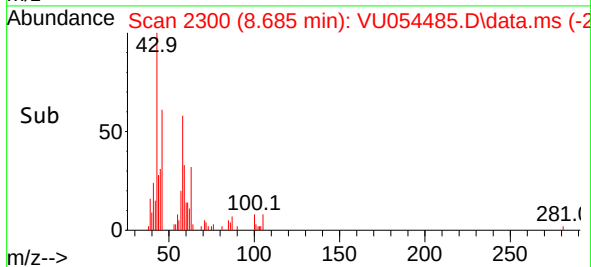
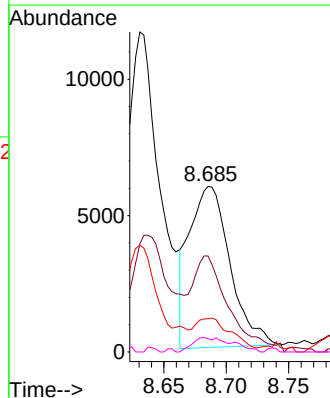
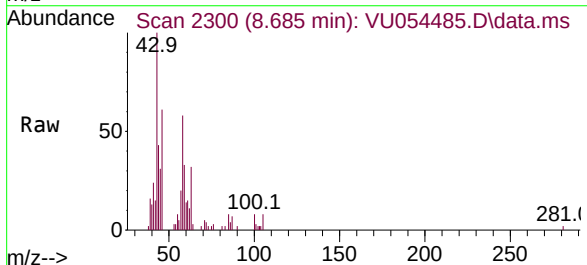
Ion Ratio Lower Upper

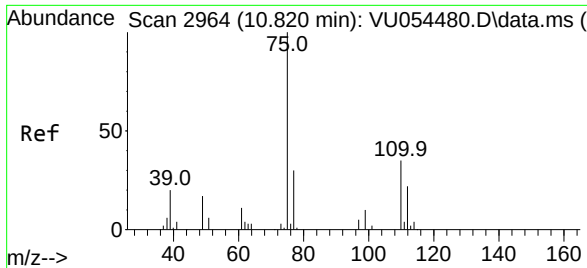
43 100

58 54.3 45.2 67.8

57 19.2 15.8 23.6

100 8.8 8.7 13.1





#61
 1,2,3-Trichloropropane
 Concen: 1.194 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU054485.D
 Acq: 12 Jun 2023 14:46

Instrument :
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Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.0	28.0	42.0#
77	31.2	25.4	38.2

