

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070523\
 Data File : VU054765.D
 Acq On : 05 Jul 2023 12:44
 Operator : MD/SY
 Sample : 03495-14DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FC3DL

Quant Time: Jul 06 01:03:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 06 01:01:36 2023
 Response via : Initial Calibration

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

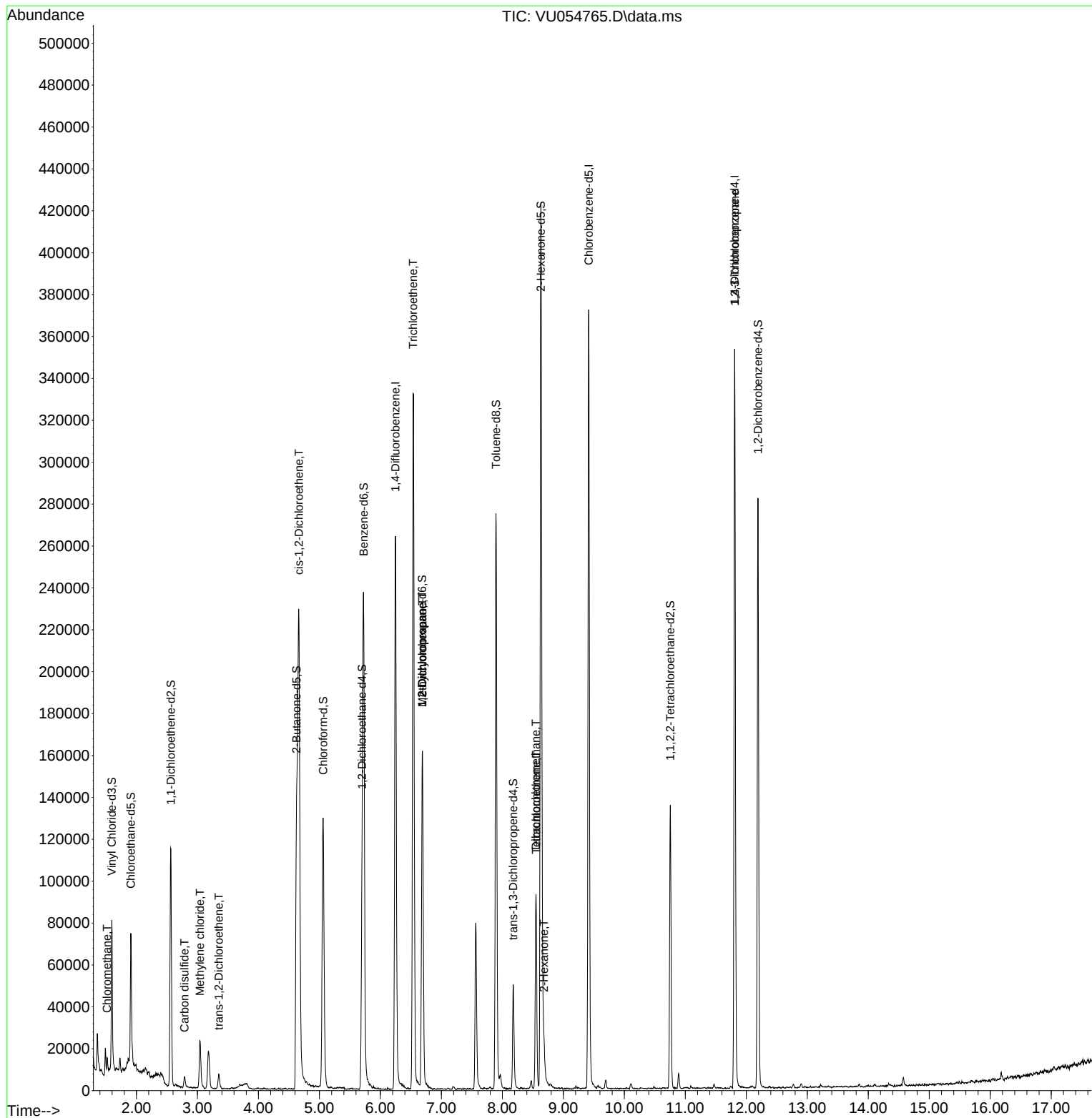
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	212485	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	206877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50449	3.731	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.600%	
7) Chloroethane-d5	1.907	69	47799	3.775	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.600%	
11) 1,1-Dichloroethene-d2	2.563	65	22437	3.715	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.200%	
20) 2-Butanone-d5	4.624	46	204952	53.906	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.820%	
24) Chloroform-d	5.062	84	121118	4.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.698	65	67319	4.886	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.724	84	216856	3.771	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.400%	
36) 1,2-Dichloropropane-d6	6.685	67	78677	4.097	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.000%	
41) Toluene-d8	7.894	98	185854	3.642	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.800%	
43) trans-1,3-Dichloroprop...	8.177	79	27933	4.182	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.631	63	139674	49.849	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.700%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	68044	4.751	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	72947	4.507	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.200%	
Target Compounds						Qvalue
3) Chloromethane	1.518	50	4478	0.196	ug/L	99
14) Carbon disulfide	2.788	76	6412	0.140	ug/L #	91
16) Methylene chloride	3.039	84	11304	0.522	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	2629	0.165	ug/L	83
22) cis-1,2-Dichloroethene	4.663	96	103233	5.697	ug/L	96
34) Trichloroethene	6.538	95	116051	5.903	ug/L	96
35) Methylcyclohexane	6.689	83	18086	0.609	ug/L #	16
37) 1,2-Dichloropropane	6.689	63	8179	0.407	ug/L #	89
47) Tetrachloroethene	8.553	164	21419	1.423	ug/L	96
48) 2-Hexanone	8.682	43	9098	1.138	ug/L #	76
49) Dibromochloromethane	8.550	129	20282	1.510	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	11601	1.196	ug/L #	71

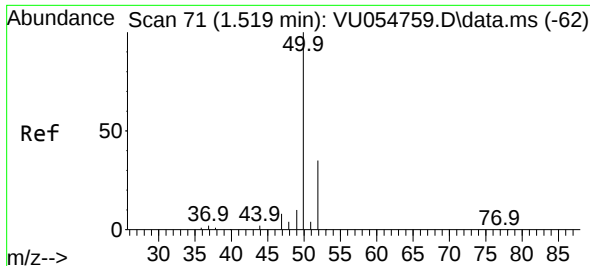
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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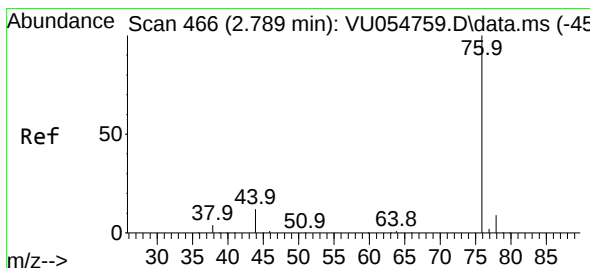
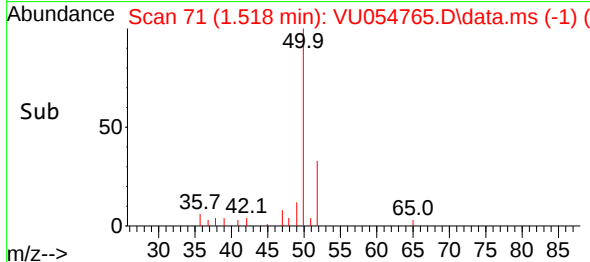
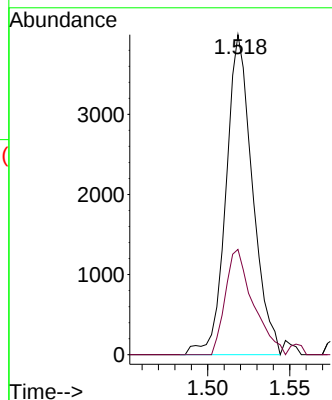
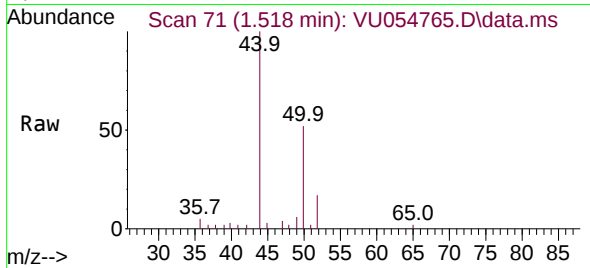




#3
Chloromethane
Concen: 0.196 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054765.D
Acq: 05 Jul 2023 12:44

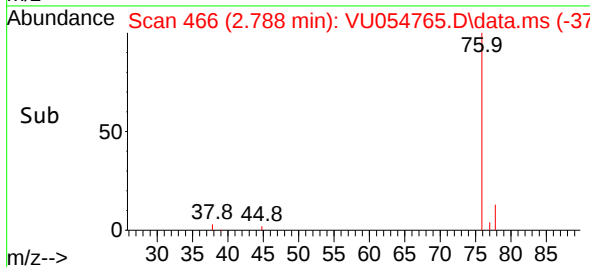
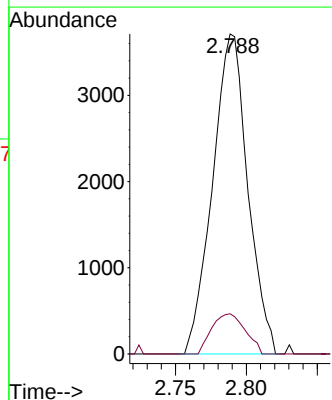
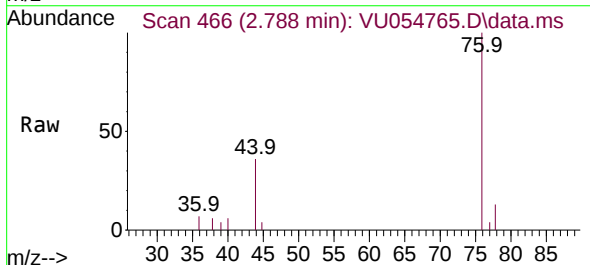
Instrument :
MSVOA_U
ClientSampleId :
H0FC3DL

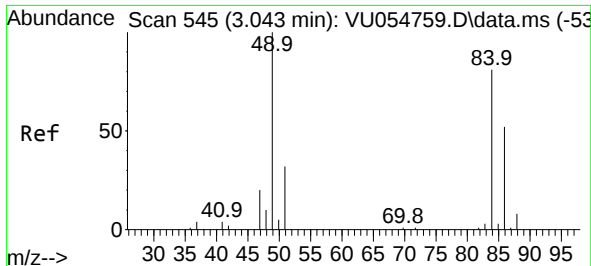
Tgt Ion: 50 Resp: 4478
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4



#14
Carbon disulfide
Concen: 0.140 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU054765.D
Acq: 05 Jul 2023 12:44

Tgt Ion: 76 Resp: 6412
Ion Ratio Lower Upper
76 100
78 12.6 7.4 11.0#

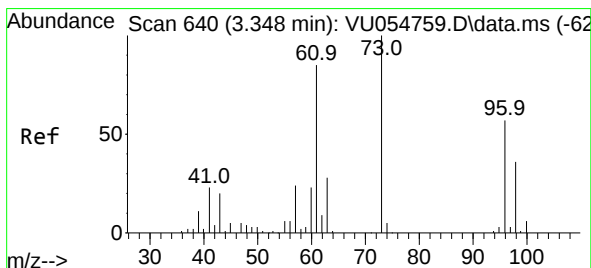
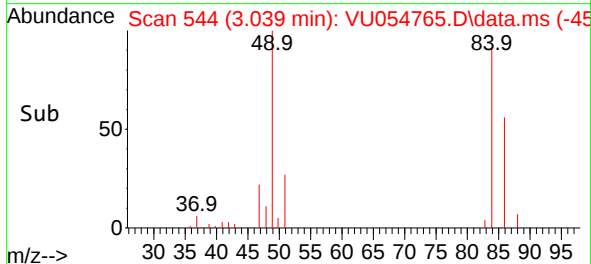
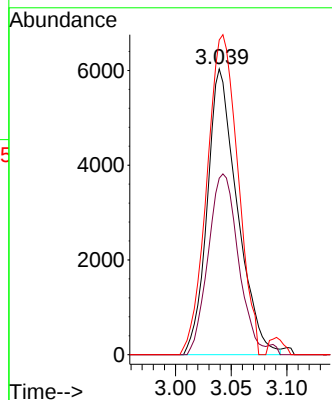
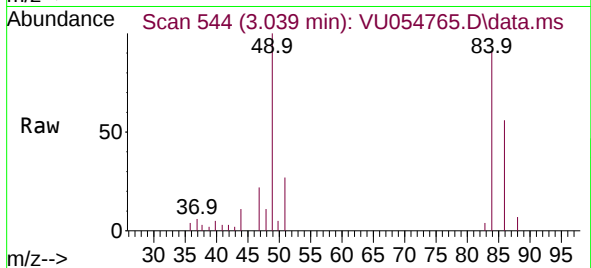




#16
Methylene chloride
Concen: 0.522 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU054765.D
Acq: 05 Jul 2023 12:44

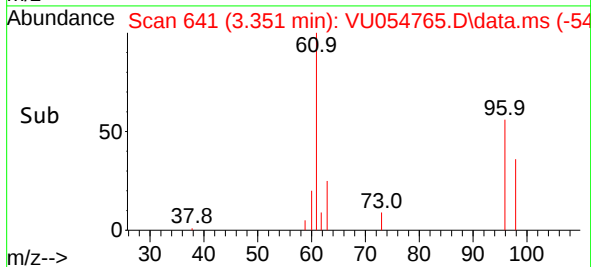
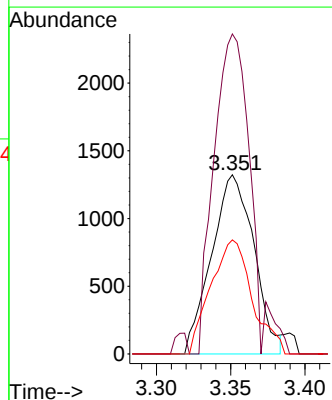
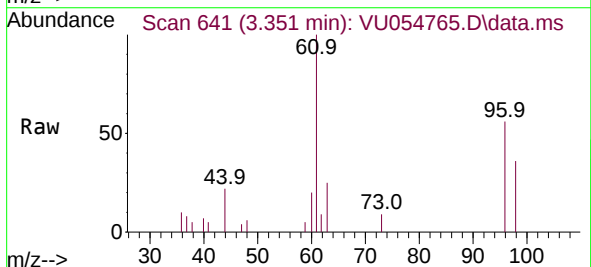
Instrument :
MSVOA_U
ClientSampleId :
H0FC3DL

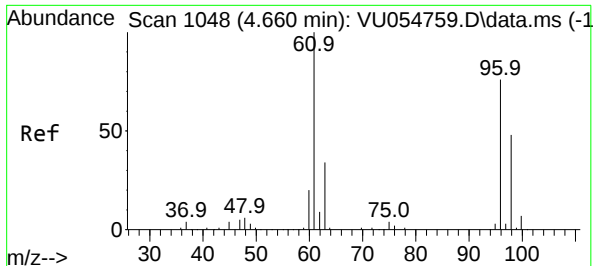
Tgt Ion: 84 Resp: 11304
Ion Ratio Lower Upper
84 100
86 61.7 43.9 81.5
49 115.1 86.1 159.9



#18
trans-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054765.D
Acq: 05 Jul 2023 12:44

Tgt Ion: 96 Resp: 2629
Ion Ratio Lower Upper
96 100
61 178.6 104.6 194.2
98 63.6 45.4 84.4



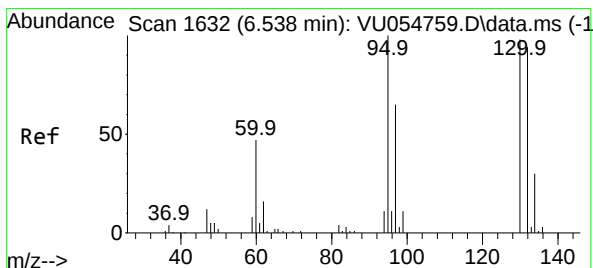
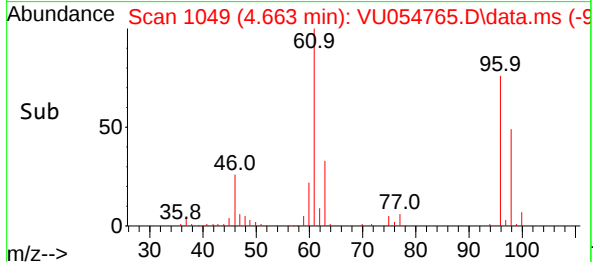
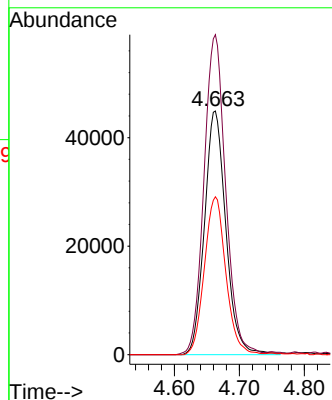
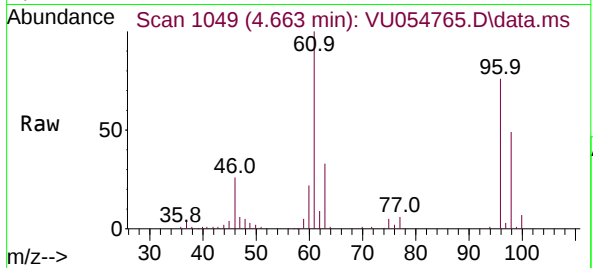


#22
 cis-1,2-Dichloroethene
 Concen: 5.697 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU054765.D
 Acq: 05 Jul 2023 12:44

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FC3DL

Tgt Ion: 96 Resp: 103233

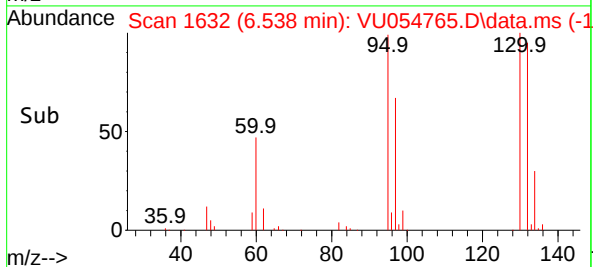
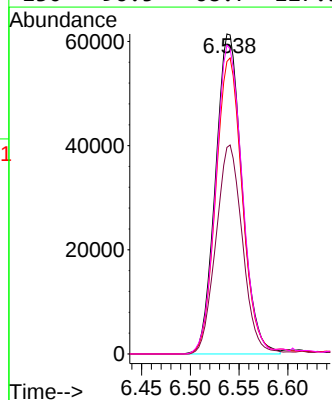
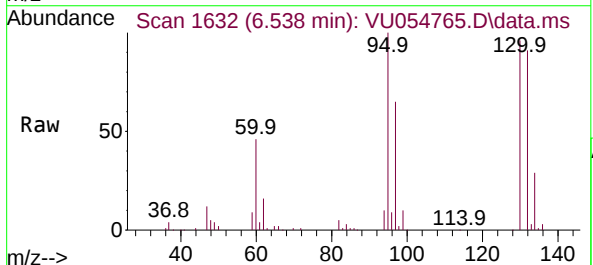
Ion	Ratio	Lower	Upper
96	100		
61	131.3	96.5	179.1
98	64.8	44.9	83.3

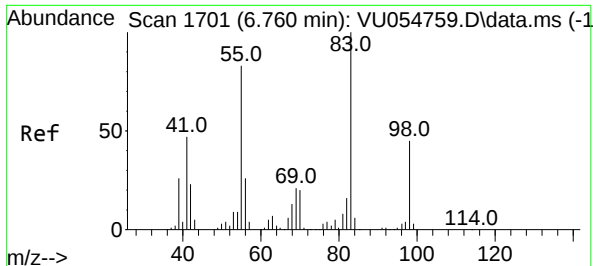


#34
 Trichloroethene
 Concen: 5.903 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU054765.D
 Acq: 05 Jul 2023 12:44

Tgt Ion: 95 Resp: 116051

Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.8	87.0
132	91.4	68.4	127.0
130	96.5	68.7	127.5





#35

Methylcyclohexane

Concen: 0.609 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU054765.D

Acq: 05 Jul 2023 12:44

Instrument :

MSVOA_U

ClientSampleId :

H0FC3DL

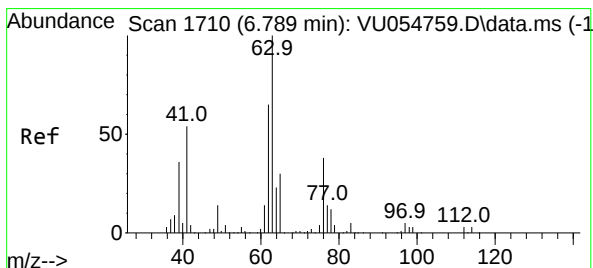
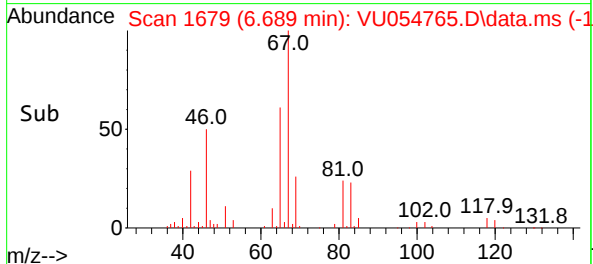
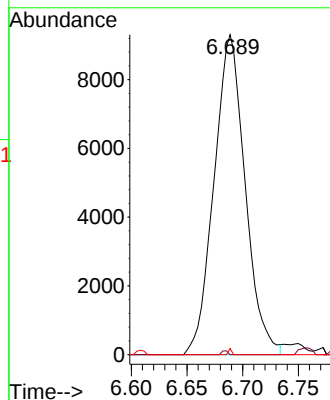
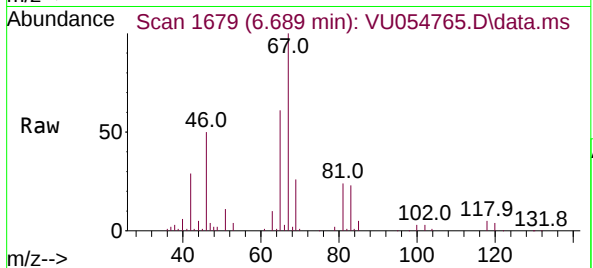
Tgt Ion: 83 Resp: 18086

Ion Ratio Lower Upper

83 100

55 0.2 67.1 100.7#

98 0.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.407 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU054765.D

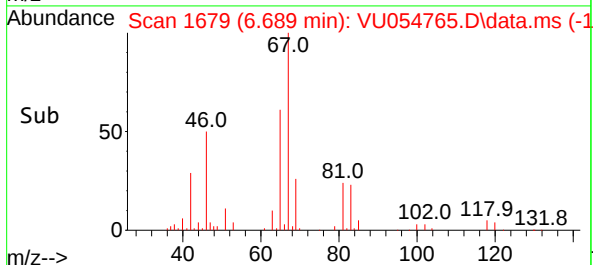
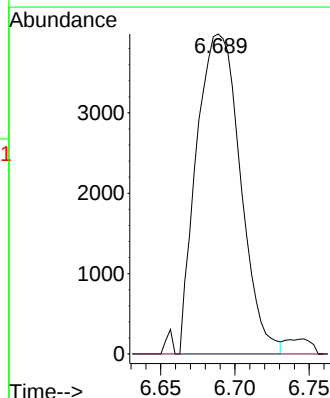
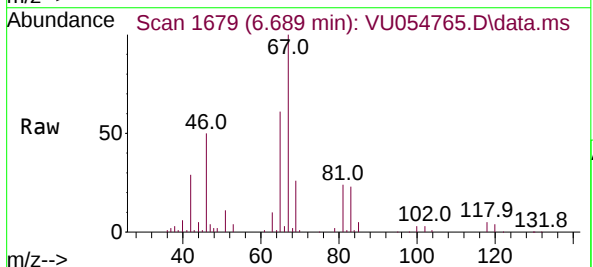
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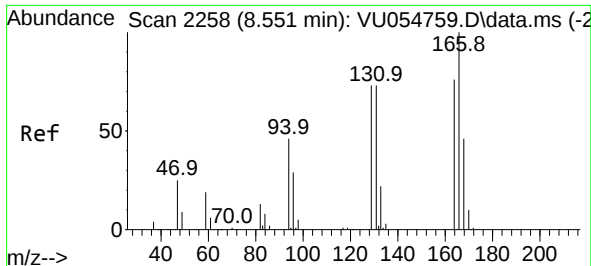
Tgt Ion: 63 Resp: 8179

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#





#47

Tetrachloroethene

Concen: 1.423 ug/L

RT: 8.553 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054765.D

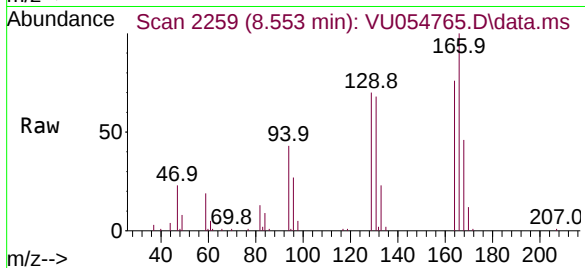
Acq: 05 Jul 2023 12:44

Instrument :

MSVOA_U

ClientSampleId :

H0FC3DL



Tgt Ion:164 Resp: 21419

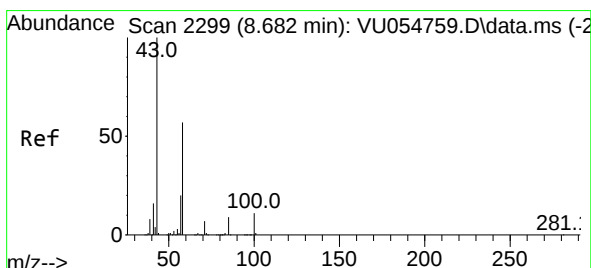
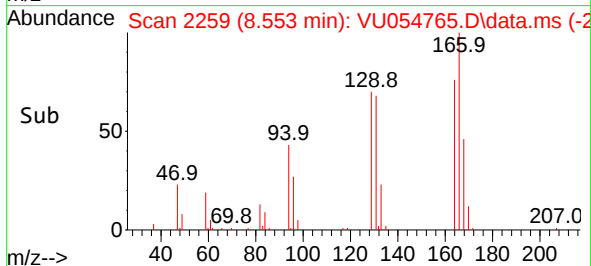
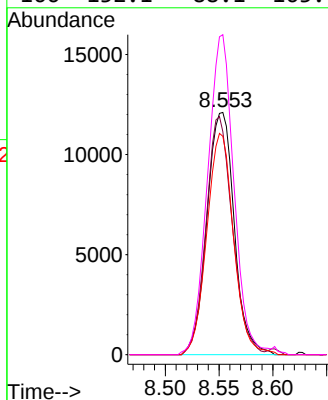
Ion Ratio Lower Upper

164 100

129 92.1 67.7 125.7

131 90.2 64.6 120.0

166 132.1 88.1 163.7



#48

2-Hexanone

Concen: 1.138 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU054765.D

Acq: 05 Jul 2023 12:44

Tgt Ion: 43 Resp: 9098

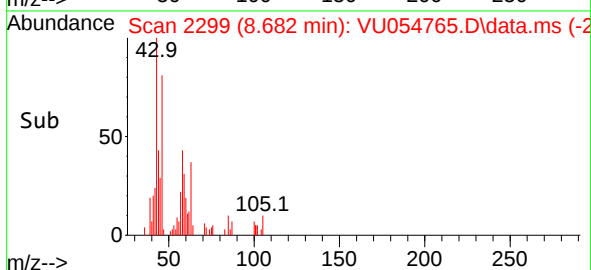
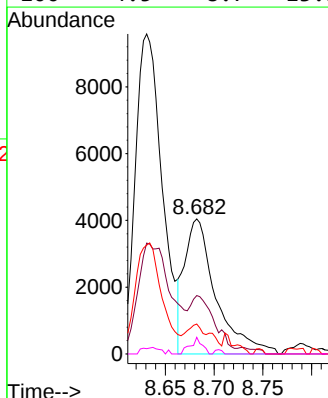
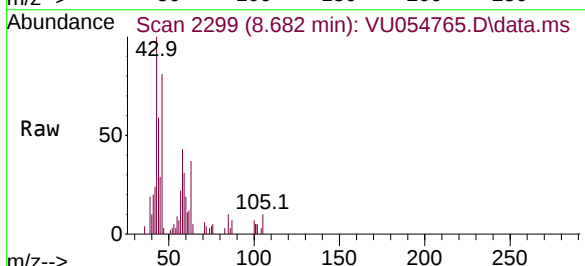
Ion Ratio Lower Upper

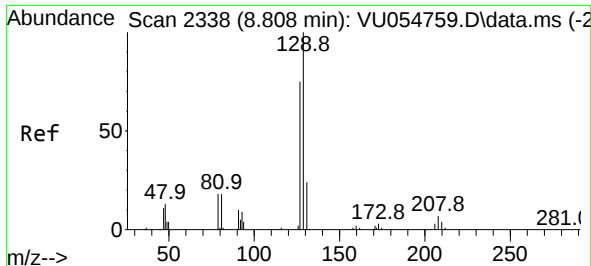
43 100

58 33.3 45.2 67.8#

57 17.2 15.8 23.6

100 4.5 8.7 13.1#

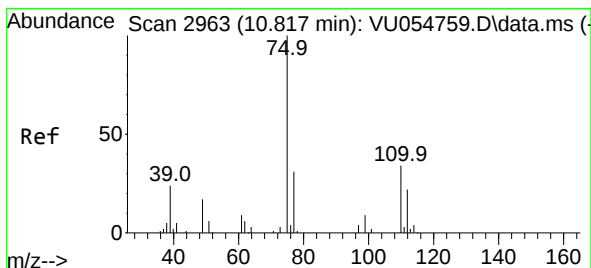
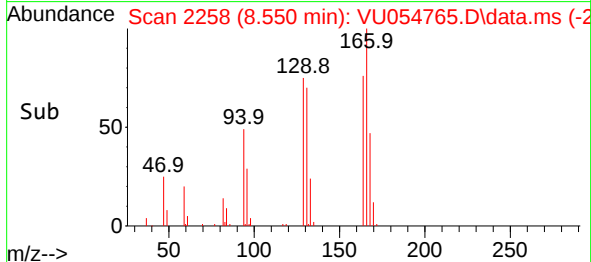
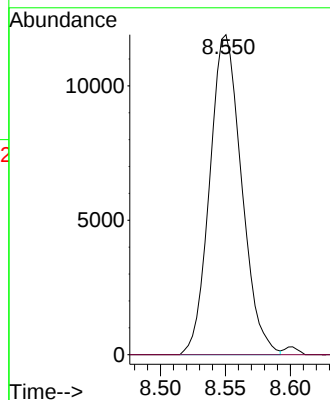
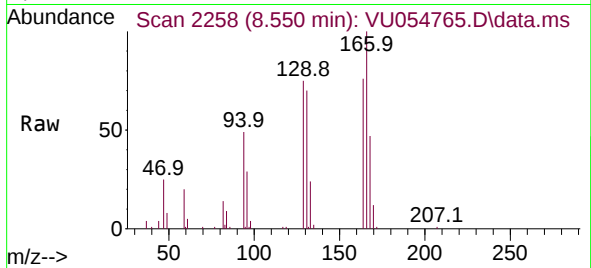




#49
Dibromochloromethane
Concen: 1.510 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU054765.D
Acq: 05 Jul 2023 12:44

Instrument :
MSVOA_U
ClientSampleId :
H0FC3DL

Tgt Ion:129 Resp: 20282
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#



#61
1,2,3-Trichloropropane
Concen: 1.196 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU054765.D
Acq: 05 Jul 2023 12:44

Tgt Ion: 75 Resp: 11601
Ion Ratio Lower Upper
75 100
110 3.4 28.0 42.0#
77 32.0 25.4 38.2

