

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070523\
 Data File : VU054766.D
 Acq On : 05 Jul 2023 13:09
 Operator : MD/SY
 Sample : 03495-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FB6

Quant Time: Jul 06 01:03:53 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)

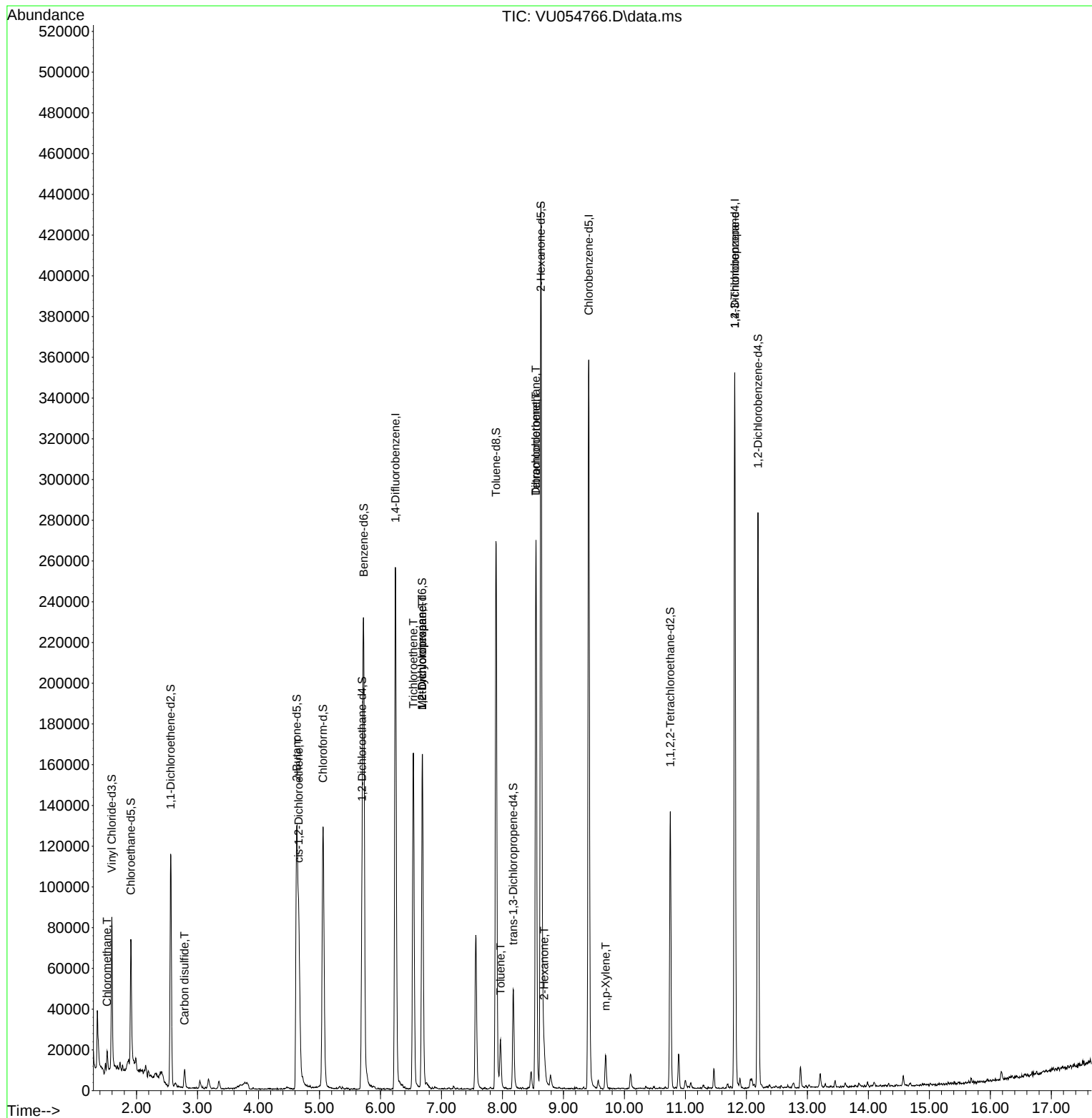
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	204736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	201909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	95571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47549	3.649	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.907	69	48599	3.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.560	65	22458	3.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.627	46	203742	55.616	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.240%
24) Chloroform-d	5.058	84	119649	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.698	65	64931	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.724	84	216238	3.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.685	67	78446	4.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.894	98	184371	3.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	8.177	79	28607	4.389	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.631	63	139934	51.171	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	68315	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	75257	4.669	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	6753	0.307	ug/L	99
14) Carbon disulfide	2.788	76	11829	0.269	ug/L #	92
22) cis-1,2-Dichloroethene	4.660	96	27836	1.594	ug/L	99
34) Trichloroethene	6.541	95	58559	3.052	ug/L	97
35) Methylcyclohexane	6.685	83	18017	0.621	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	9410	0.480	ug/L #	90
42) Toluene	7.968	91	16814	0.225	ug/L	98
47) Tetrachloroethene	8.550	164	62591	4.261	ug/L	98
48) 2-Hexanone	8.685	43	7686	0.985	ug/L #	83
49) Dibromochloromethane	8.550	129	56938	4.344	ug/L #	11
53) m,p-Xylene	9.692	106	4869	0.162	ug/L	100
61) 1,2,3-Trichloropropane	11.810	75	11361	1.176	ug/L #	67

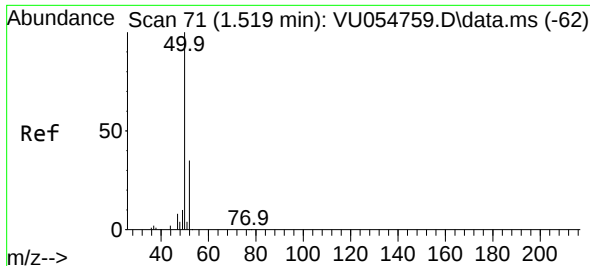
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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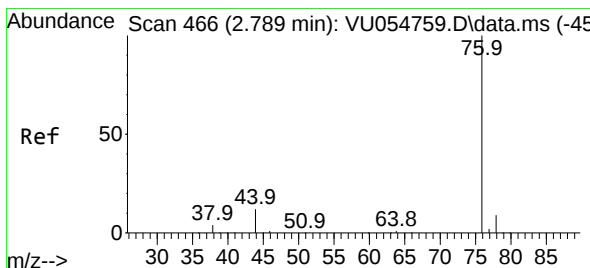
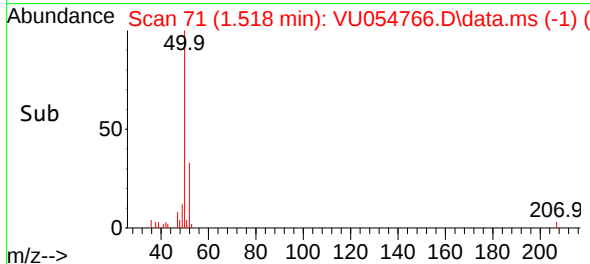
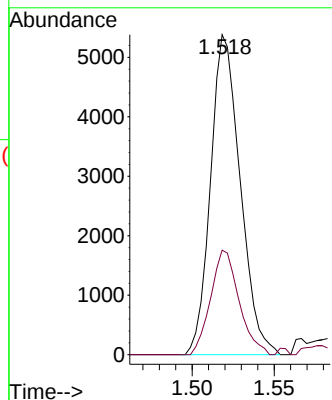
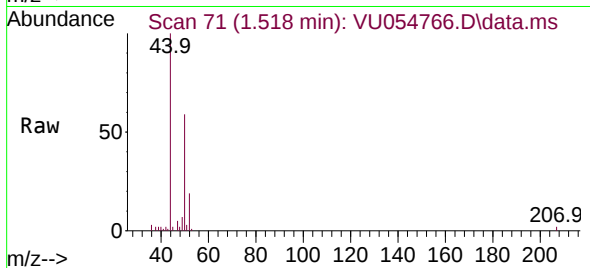




#3
Chloromethane
Concen: 0.307 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054766.D
Acq: 05 Jul 2023 13:09

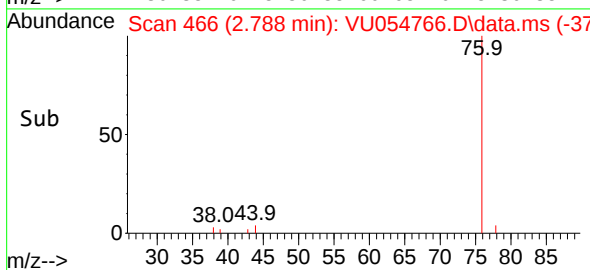
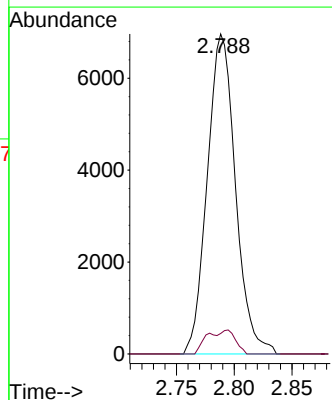
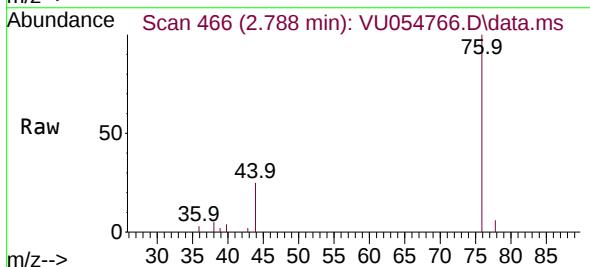
Instrument :
MSVOA_U
ClientSampleId :
H0FB6

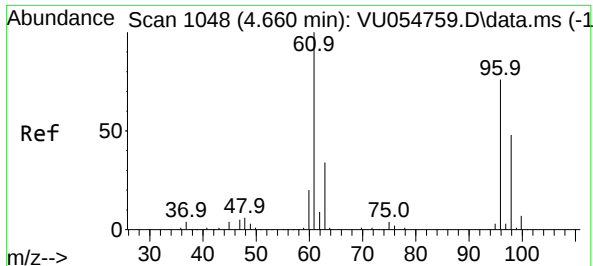
Tgt Ion: 50 Resp: 6753
Ion Ratio Lower Upper
50 100
52 32.7 23.4 43.4



#14
Carbon disulfide
Concen: 0.269 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU054766.D
Acq: 05 Jul 2023 13:09

Tgt Ion: 76 Resp: 11829
Ion Ratio Lower Upper
76 100
78 6.4 7.4 11.0#





#22

cis-1,2-Dichloroethene

Concen: 1.594 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU054766.D

Acq: 05 Jul 2023 13:09

Instrument :

MSVOA_U

ClientSampleId :

H0FB6

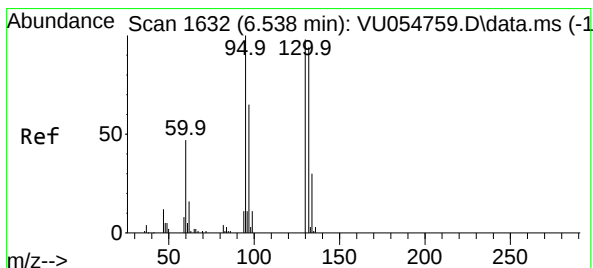
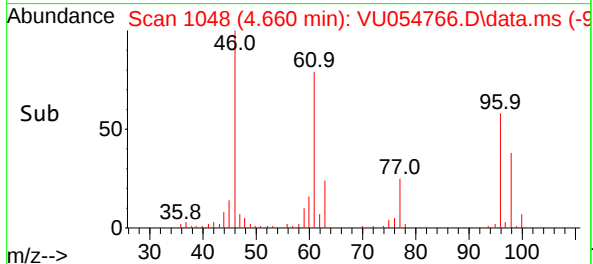
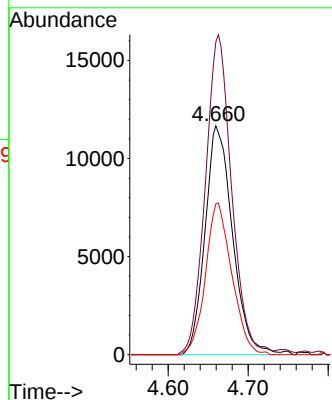
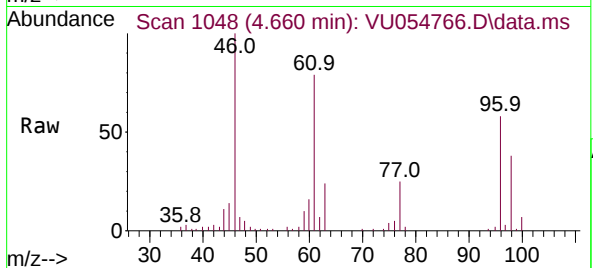
Tgt Ion: 96 Resp: 27836

Ion Ratio Lower Upper

96 100

61 136.8 96.5 179.1

98 66.0 44.9 83.3



#34

Trichloroethene

Concen: 3.052 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU054766.D

Acq: 05 Jul 2023 13:09

Tgt Ion: 95 Resp: 58559

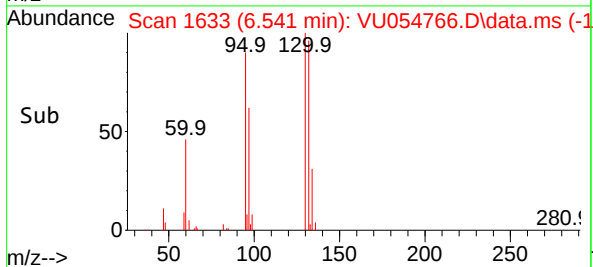
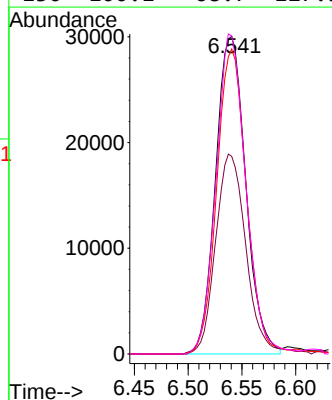
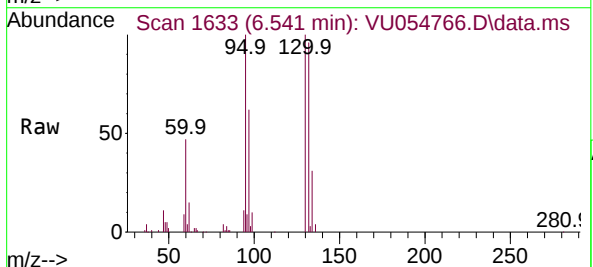
Ion Ratio Lower Upper

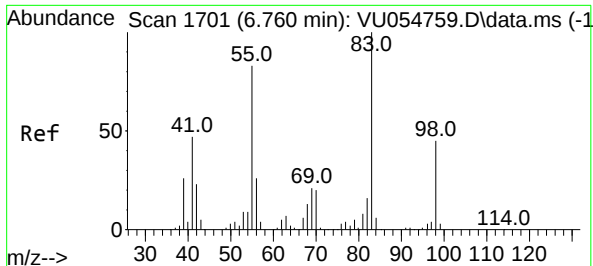
95 100

97 62.2 46.8 87.0

132 96.0 68.4 127.0

130 100.1 68.7 127.5

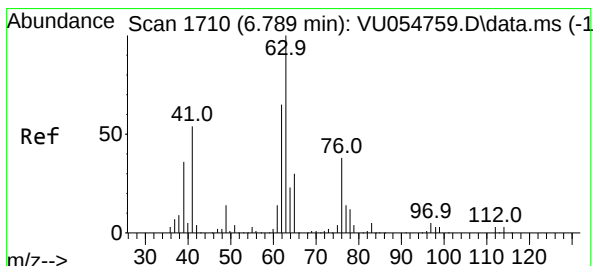
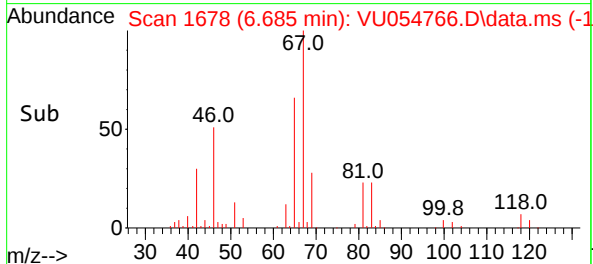
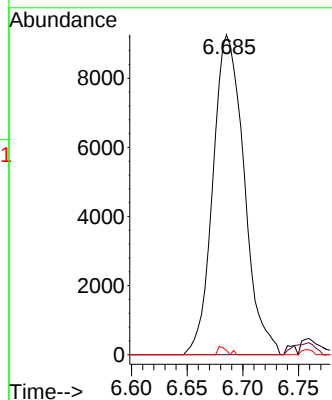
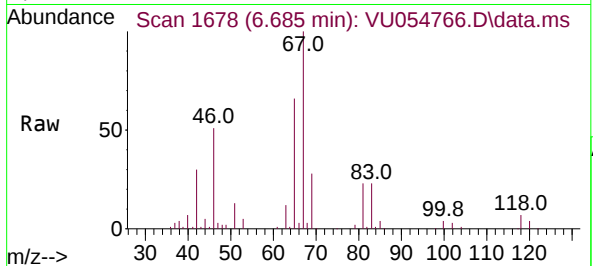




#35
Methylcyclohexane
Concen: 0.621 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054766.D
Acq: 05 Jul 2023 13:09

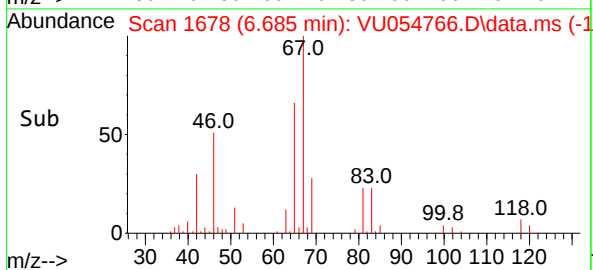
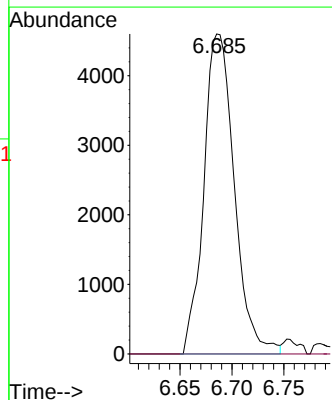
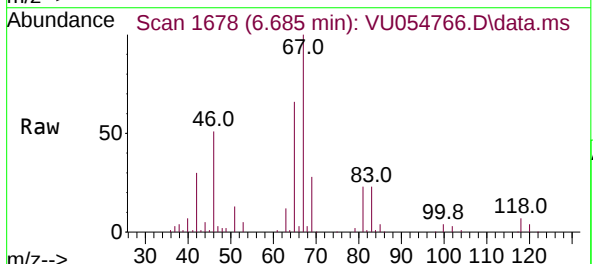
Instrument :
MSVOA_U
ClientSampleId :
H0FB6

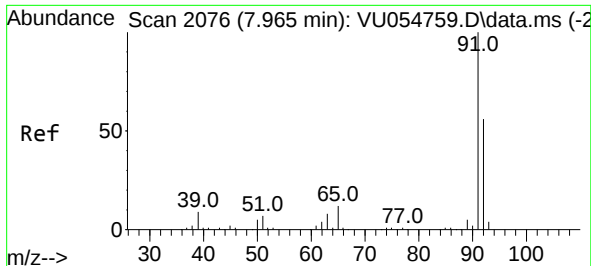
Tgt Ion: 83 Resp: 18017
Ion Ratio Lower Upper
83 100
55 0.0 67.1 100.7#
98 0.7 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU054766.D
Acq: 05 Jul 2023 13:09

Tgt Ion: 63 Resp: 9410
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#





#42

Toluene

Concen: 0.225 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054766.D

Acq: 05 Jul 2023 13:09

Instrument :

MSVOA_U

ClientSampleId :

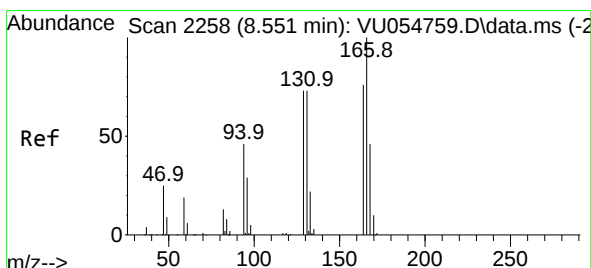
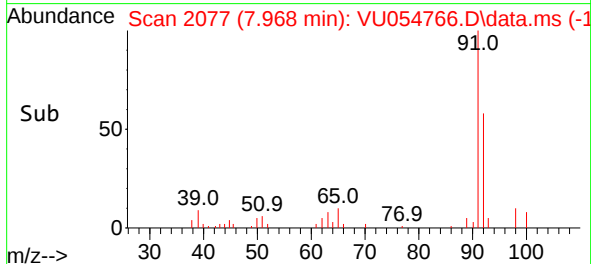
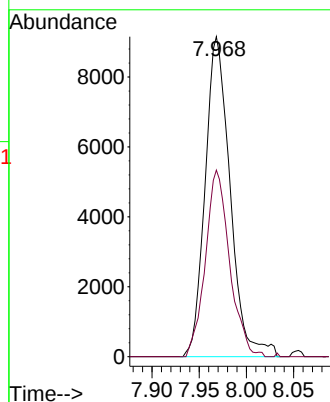
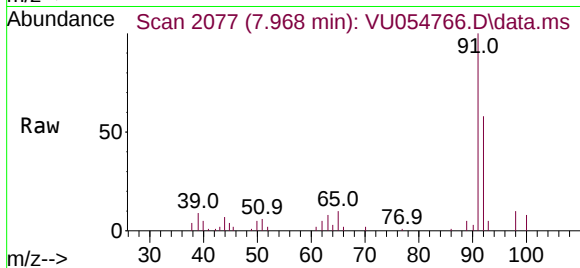
H0FB6

Tgt Ion: 91 Resp: 16814

Ion Ratio Lower Upper

91 100

92 58.3 39.5 73.4



#47

Tetrachloroethene

Concen: 4.261 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU054766.D

Acq: 05 Jul 2023 13:09

Tgt Ion: 164 Resp: 62591

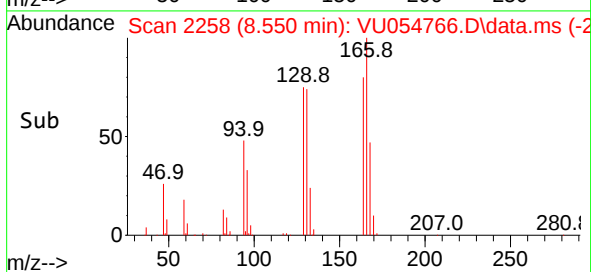
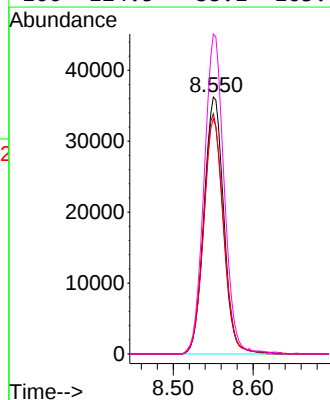
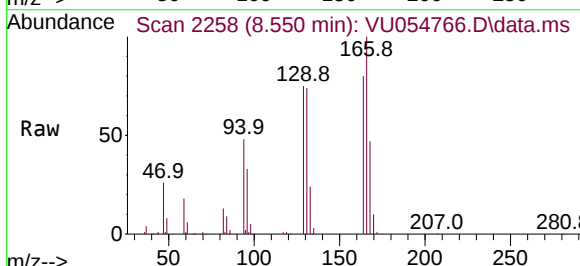
Ion Ratio Lower Upper

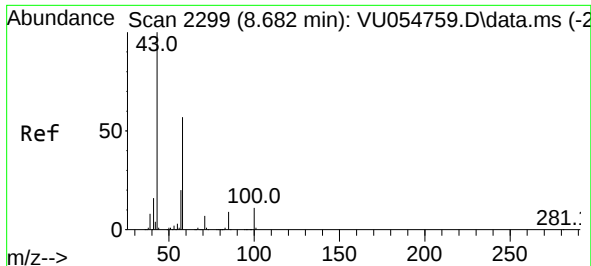
164 100

129 93.5 67.7 125.7

131 91.5 64.6 120.0

166 124.5 88.1 163.7

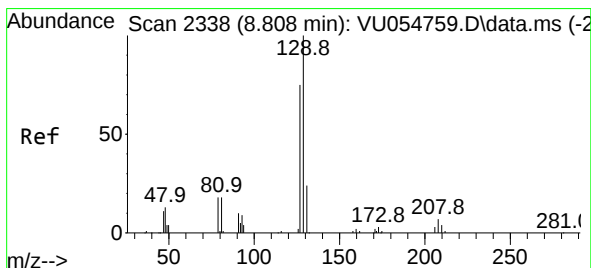
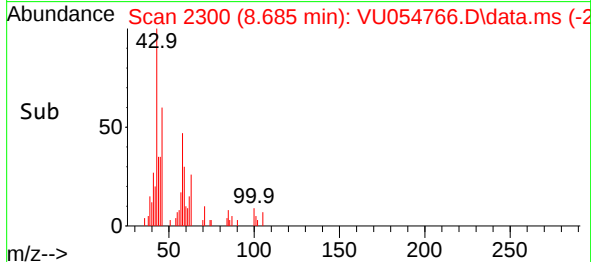
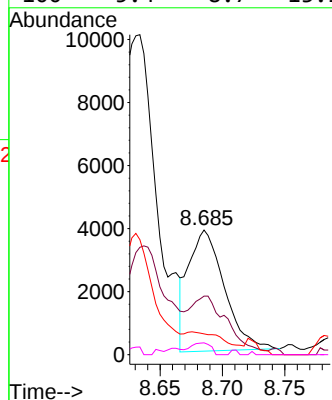
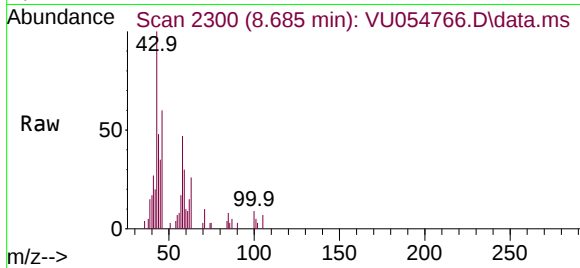




#48
2-Hexanone
Concen: 0.985 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054766.D
Acq: 05 Jul 2023 13:09

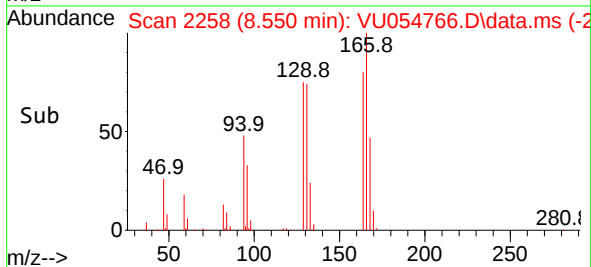
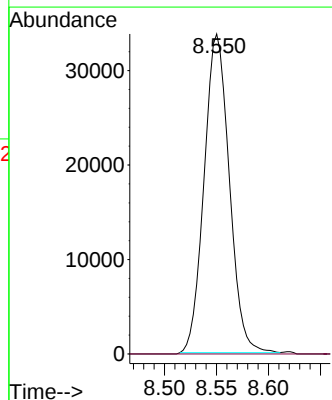
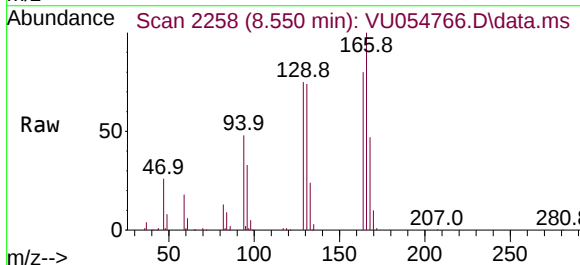
Instrument :
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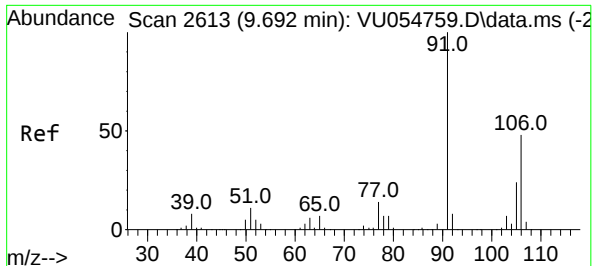
Tgt Ion: 43 Resp: 7686
Ion Ratio Lower Upper
43 100
58 50.6 45.2 67.8
57 0.0 15.8 23.6#
100 5.4 8.7 13.1#



#49
Dibromochloromethane
Concen: 4.344 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.258 min
Lab File: VU054766.D
Acq: 05 Jul 2023 13:09

Tgt Ion: 129 Resp: 56938
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#

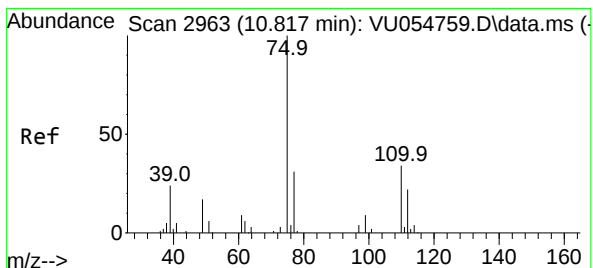
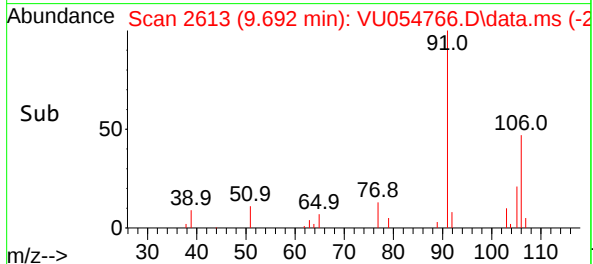
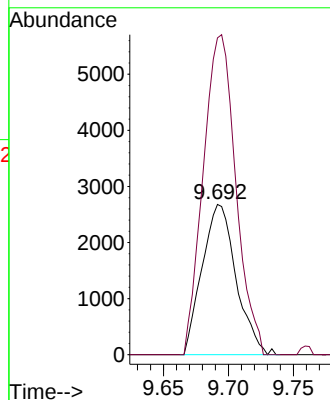
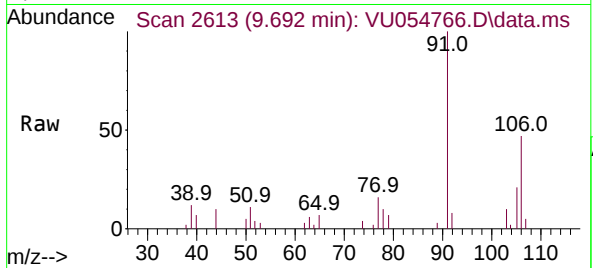




#53
m,p-Xylene
Concen: 0.162 ug/L
RT: 9.692 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU054766.D
Acq: 05 Jul 2023 13:09

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:106 Resp: 4869
Ion Ratio Lower Upper
106 100
91 210.7 147.0 273.0



#61
1,2,3-Trichloropropane
Concen: 1.176 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU054766.D
Acq: 05 Jul 2023 13:09

Tgt Ion: 75 Resp: 11361
Ion Ratio Lower Upper
75 100
110 1.6 28.0 42.0#
77 35.0 25.4 38.2

