

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055138.D
 Acq On : 06 Sep 2023 14:19
 Operator : MD/SY
 Sample : 04267-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:41:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

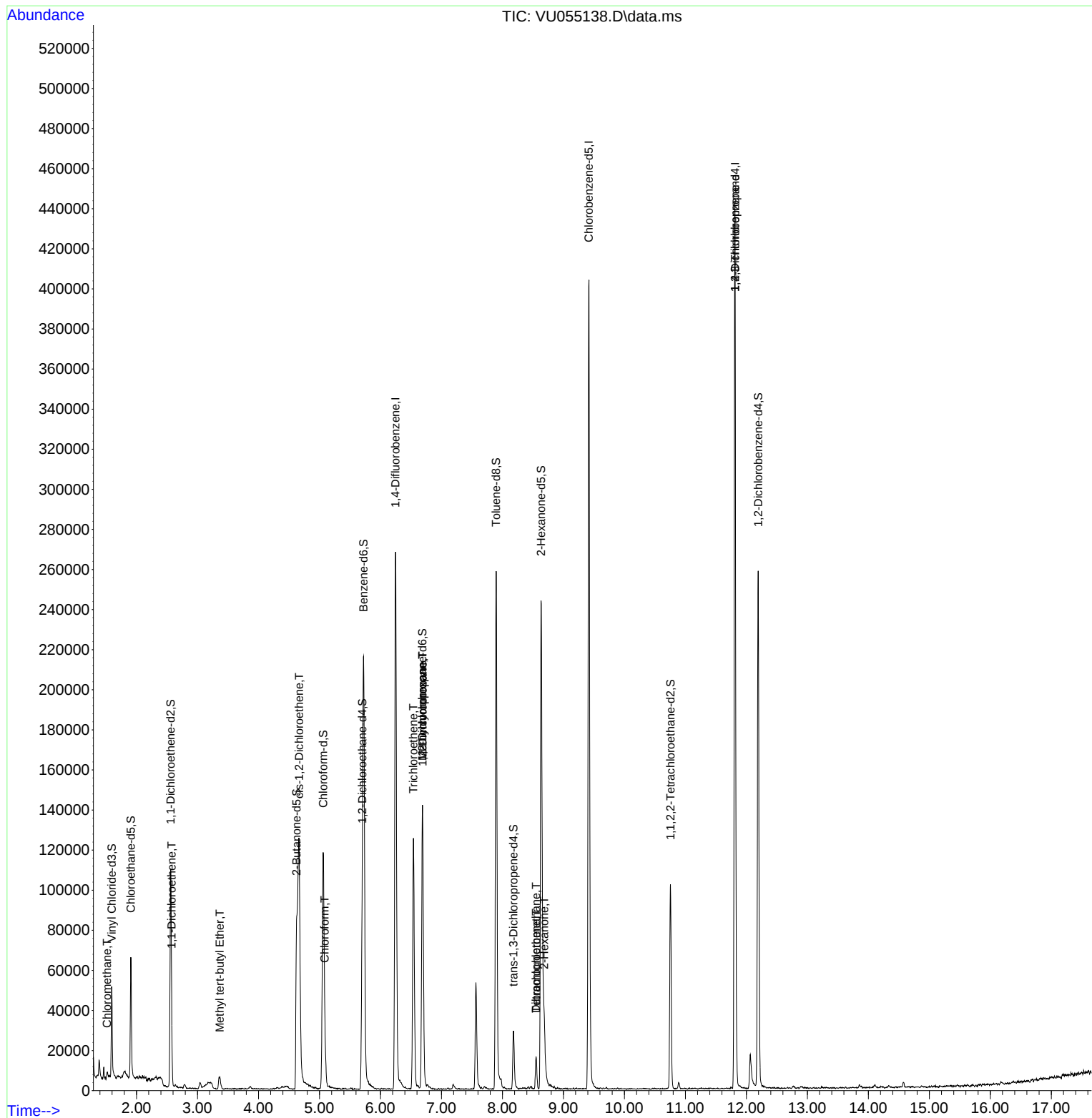
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	216155	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	218485	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	113027	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32994	3.257	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.907	69	40675	3.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.560	65	20862	3.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.624	46	127670	43.427	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.860%
24) Chloroform-d	5.062	84	104415	3.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	5.702	65	55220	4.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.724	84	198990	3.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.689	67	68335	3.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.898	98	173895	3.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	8.181	79	17495	3.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.634	63	78099	40.724	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.440%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52216	4.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	64303	3.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.000%#
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2071	0.162	ug/L	89
12) 1,1-Dichloroethene	2.576	96	1621	0.162	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	5737	0.219	ug/L #	81
22) cis-1,2-Dichloroethene	4.666	96	54685	4.406	ug/L	99
25) Chloroform	5.087	83	15159	0.664	ug/L	89
34) Trichloroethene	6.541	95	41910	3.243	ug/L	98
35) Methylcyclohexane	6.689	83	14676	0.809	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	7352	0.581	ug/L #	88
47) Tetrachloroethene	8.553	164	3354	0.376	ug/L	88
48) 2-Hexanone	8.685	43	17277	3.054	ug/L #	92
49) Dibromochloromethane	8.553	129	3603	0.387	ug/L #	9
61) 1,2,3-Trichloropropane	11.814	75	15478	2.064	ug/L #	72

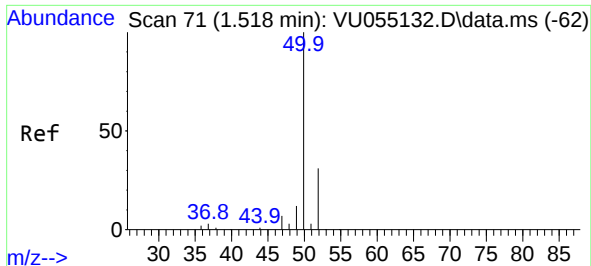
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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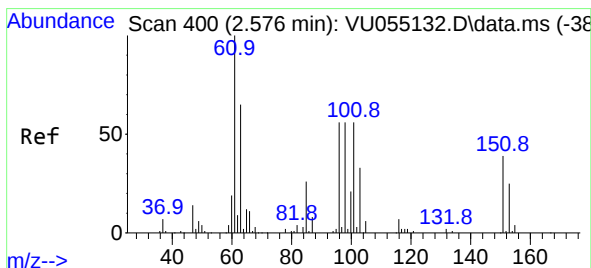
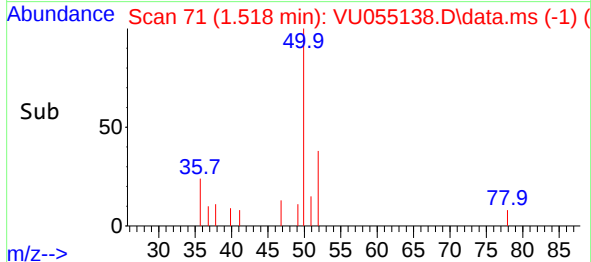
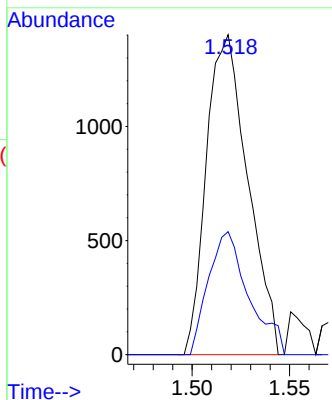
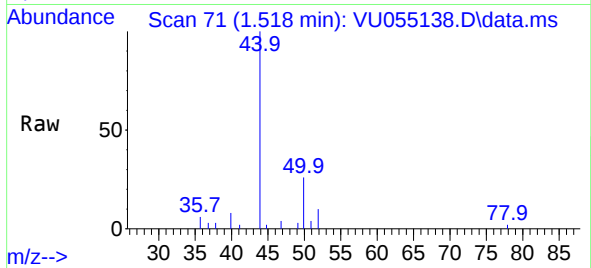




#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055138.D
Acq: 06 Sep 2023 14:19

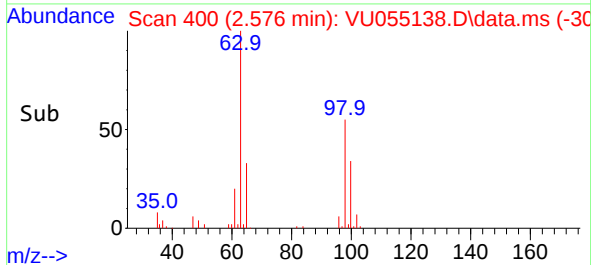
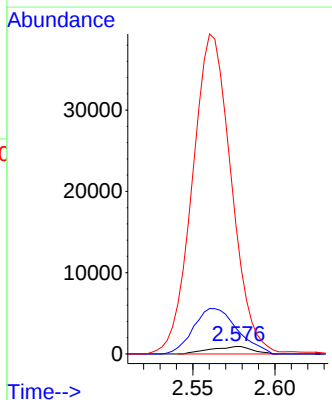
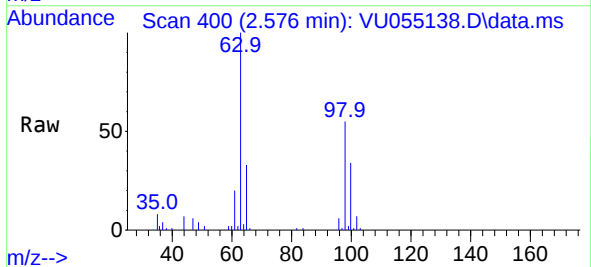
Instrument :
MSVOA_U
ClientSampleId :

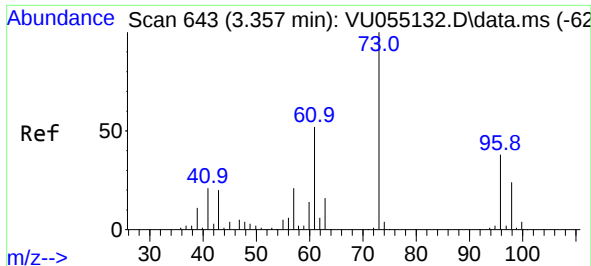
Tgt Ion: 50 Resp: 2071
Ion Ratio Lower Upper
50 100
52 38.4 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.162 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055138.D
Acq: 06 Sep 2023 14:19

Tgt Ion: 96 Resp: 1621
Ion Ratio Lower Upper
96 100
61 338.8 120.8 224.4#
63 1699.6 94.5 175.5#





#17

Methyl tert-butyl Ether

Concen: 0.219 ug/L

RT: 3.364 min Scan# 64

Delta R.T. 0.000 min

Lab File: VU055138.D

Acq: 06 Sep 2023 14:19

Instrument :

MSVOA_U

ClientSampleId :

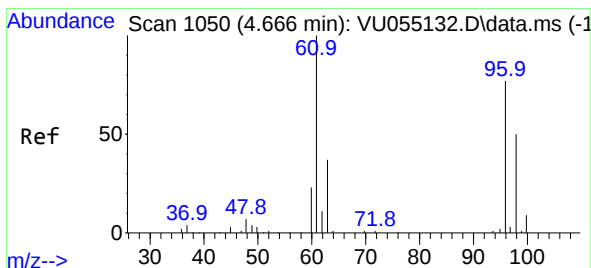
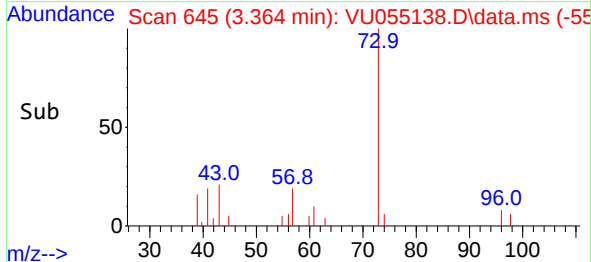
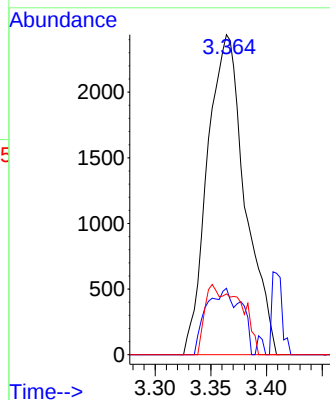
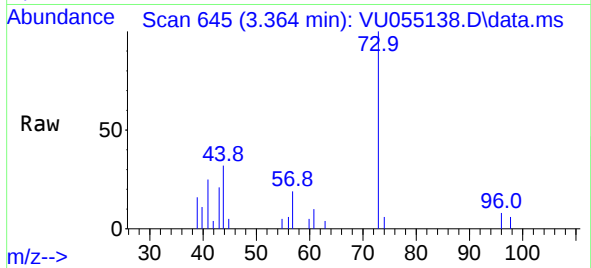
Tgt Ion: 73 Resp: 5737

Ion Ratio Lower Upper

73 100

43 14.2 16.2 24.2#

57 9.9 17.4 26.2#



#22

cis-1,2-Dichloroethene

Concen: 4.406 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU055138.D

Acq: 06 Sep 2023 14:19

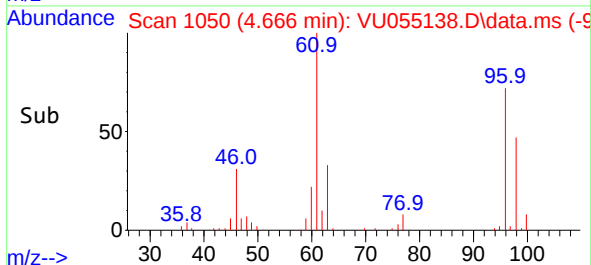
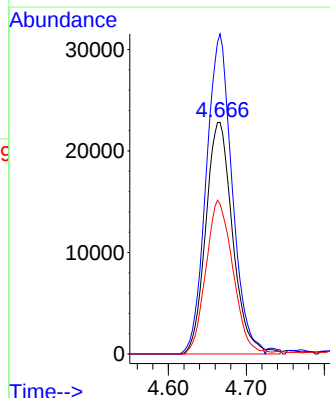
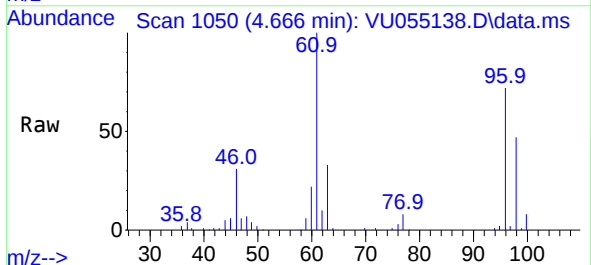
Tgt Ion: 96 Resp: 54685

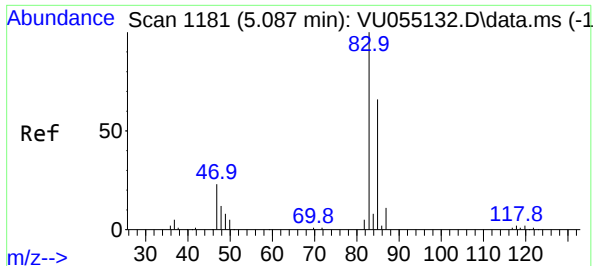
Ion Ratio Lower Upper

96 100

61 138.1 97.2 180.4

98 64.8 46.1 85.7





#25

Chloroform

Concen: 0.664 ug/L

RT: 5.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VU055138.D

Acq: 06 Sep 2023 14:19

Instrument :

MSVOA_U

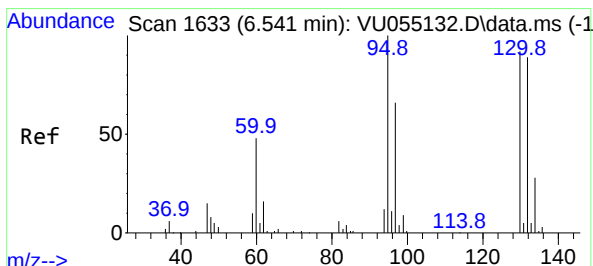
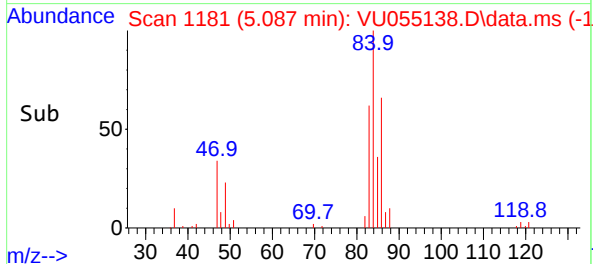
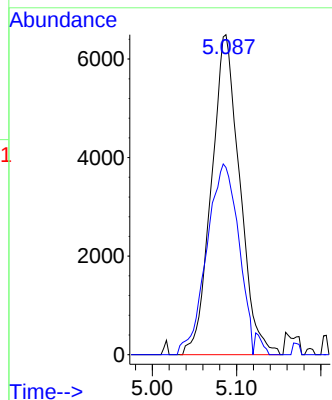
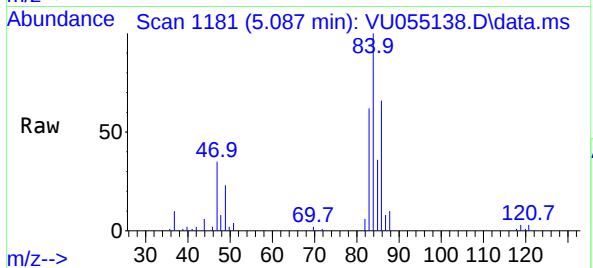
ClientSampleId :

Tgt Ion: 83 Resp: 15159

Ion Ratio Lower Upper

83 100

85 58.5 47.2 87.6



#34

Trichloroethene

Concen: 3.243 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055138.D

Acq: 06 Sep 2023 14:19

Tgt Ion: 95 Resp: 41910

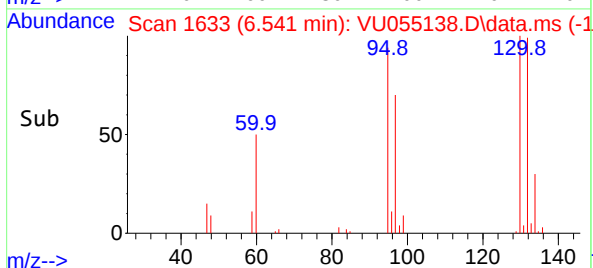
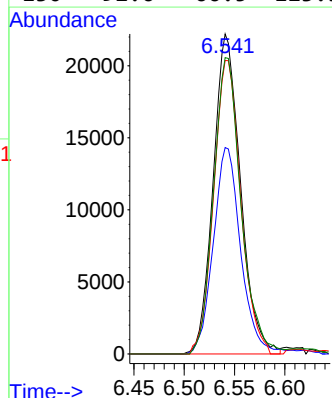
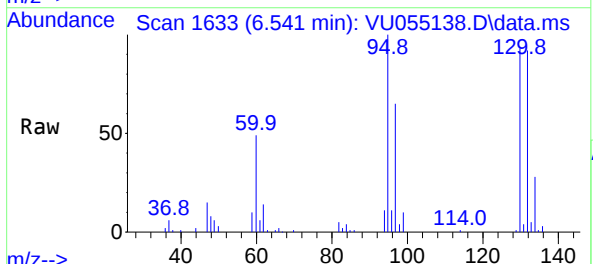
Ion Ratio Lower Upper

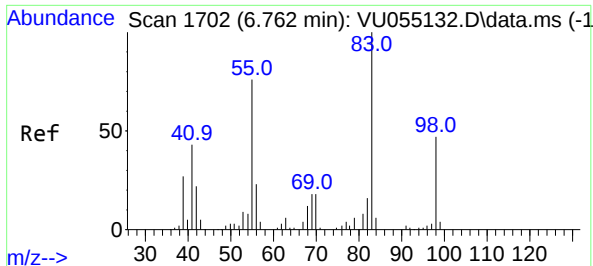
95 100

97 64.5 44.7 83.1

132 91.7 66.6 123.6

130 92.6 66.5 123.5





#35

Methylcyclohexane

Concen: 0.809 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055138.D

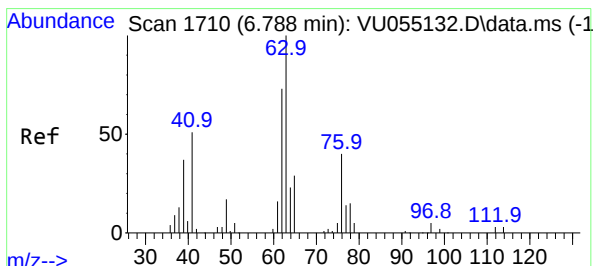
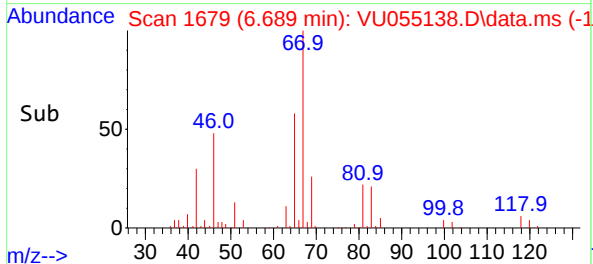
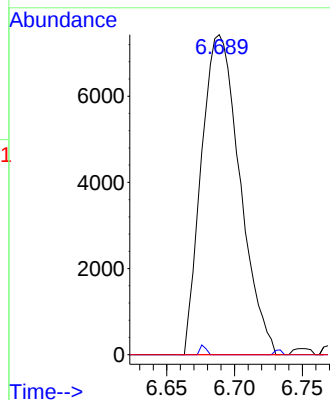
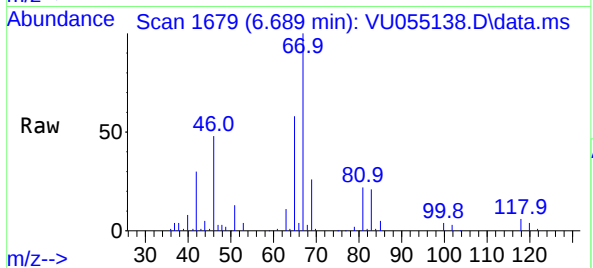
Acq: 06 Sep 2023 14:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	14676
Ion Ratio	Lower	Upper	
83	100		
55	0.5	60.4	90.6#
98	0.0	35.3	52.9#



#37

1,2-Dichloropropane

Concen: 0.581 ug/L

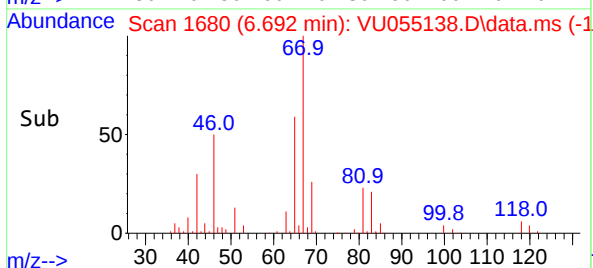
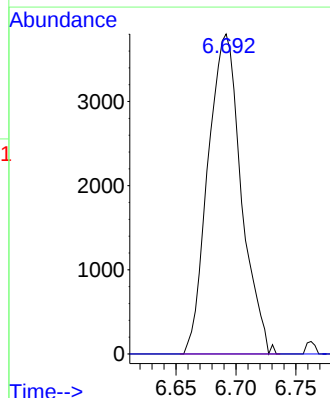
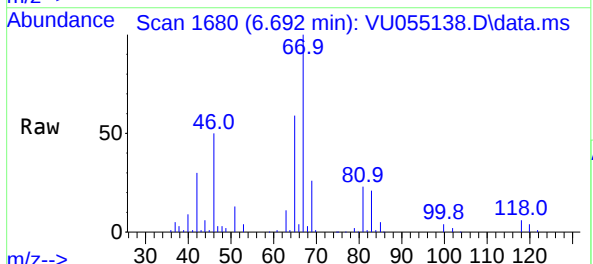
RT: 6.692 min Scan# 1680

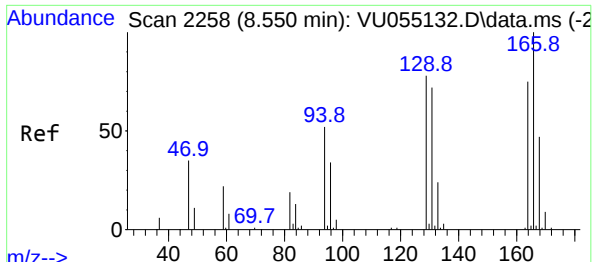
Delta R.T. -0.096 min

Lab File: VU055138.D

Acq: 06 Sep 2023 14:19

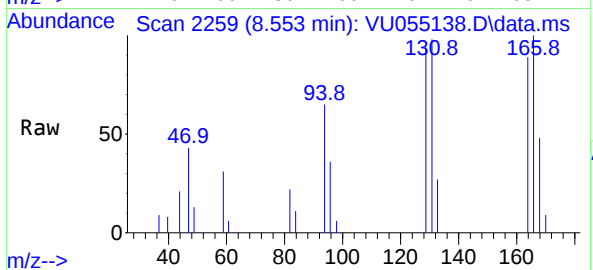
Tgt Ion:	63	Resp:	7352
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.2	4.8#





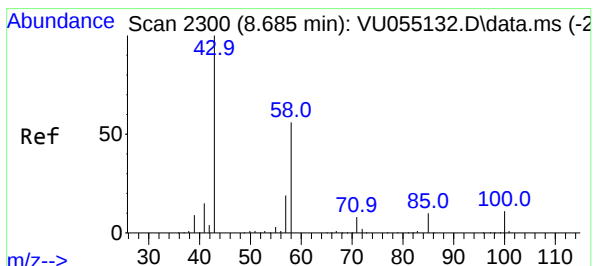
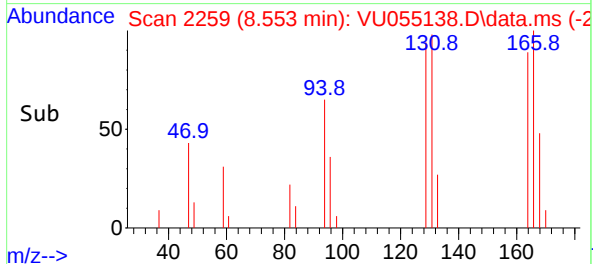
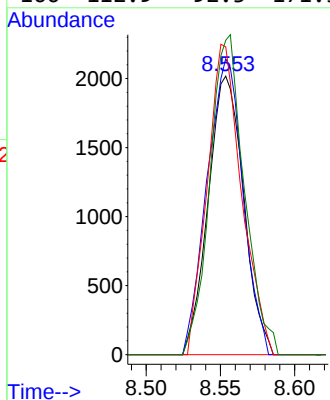
#47
Tetrachloroethene
Concen: 0.376 ug/L
RT: 8.553 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055138.D
Acq: 06 Sep 2023 14:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 3354

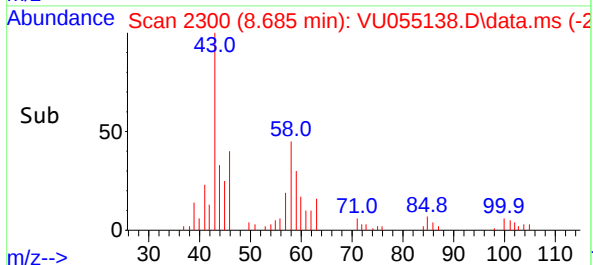
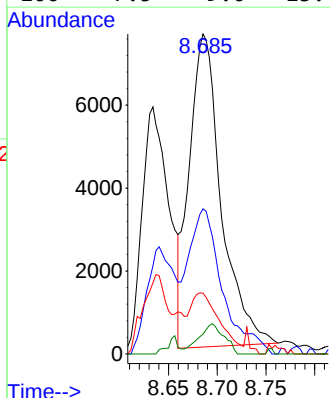
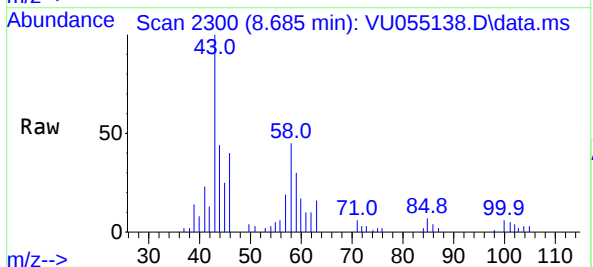
Ion	Ratio	Lower	Upper
164	100		
129	106.2	69.2	128.6
131	110.5	68.8	127.8
166	112.9	92.3	171.5

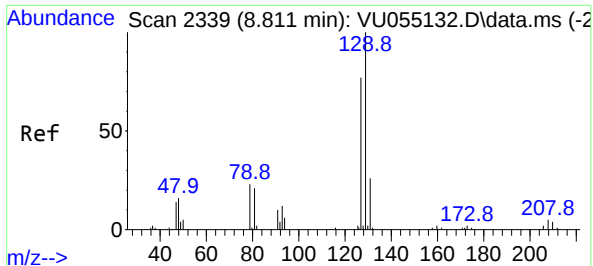


#48
2-Hexanone
Concen: 3.054 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055138.D
Acq: 06 Sep 2023 14:19

Tgt Ion: 43 Resp: 17277

Ion	Ratio	Lower	Upper
43	100		
58	48.3	44.0	66.0
57	18.2	16.2	24.2
100	7.5	9.0	13.4





#49

Dibromochloromethane

Concen: 0.387 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055138.D

Acq: 06 Sep 2023 14:19

Instrument :

MSVOA_U

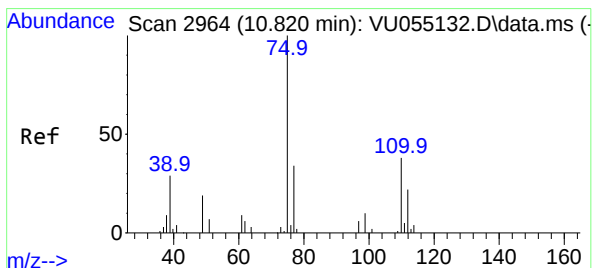
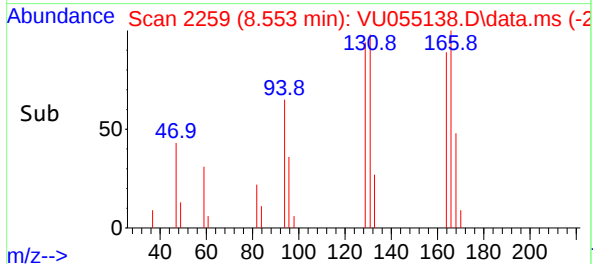
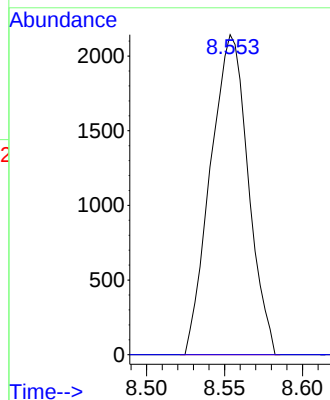
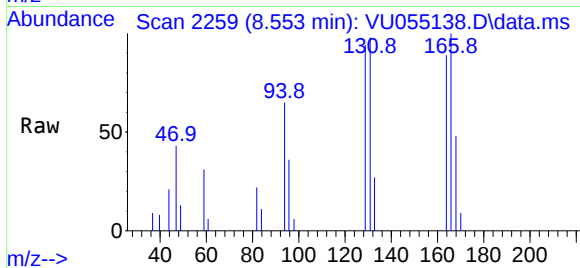
ClientSampleId :

Tgt Ion:129 Resp: 3603

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.064 ug/L

RT: 11.814 min Scan# 3273

Delta R.T. 0.994 min

Lab File: VU055138.D

Acq: 06 Sep 2023 14:19

Tgt Ion: 75 Resp: 15478

Ion Ratio Lower Upper

75 100

110 4.3 28.2 42.2#

77 32.5 26.2 39.4

