

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055139.D
 Acq On : 06 Sep 2023 14:44
 Operator : MD/SY
 Sample : 04267-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:41:11 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)

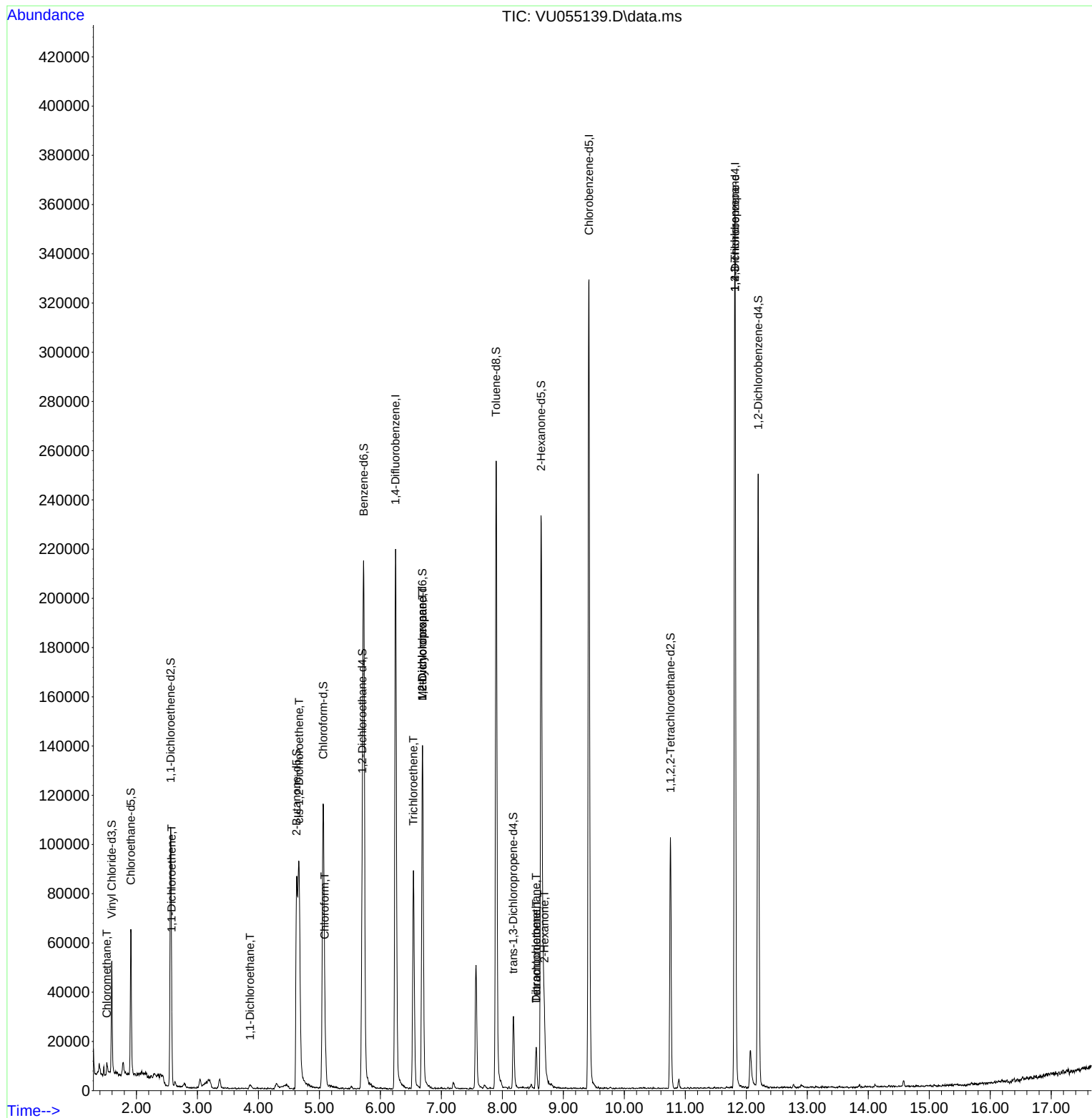
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173374	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	180551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	93647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32006	3.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.908	69	40009	4.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.560	65	19309	4.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.624	46	127903	54.242	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.480%
24) Chloroform-d	5.062	84	102308	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.702	65	54734	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.724	84	198308	4.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.689	67	65401	4.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.898	98	171285	4.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.177	79	17576	4.502	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.634	63	75329	47.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.060%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50066	5.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	63851	4.671	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.512	50	4908	0.479	ug/L	99
12) 1,1-Dichloroethene	2.576	96	1652	0.206	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	2094	0.119	ug/L #	87
22) cis-1,2-Dichloroethene	4.666	96	38524	3.870	ug/L	94
25) Chloroform	5.087	83	16331	0.892	ug/L	95
34) Trichloroethene	6.541	95	29267	2.740	ug/L	95
35) Methylcyclohexane	6.689	83	15391	1.027	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	7879	0.753	ug/L #	88
47) Tetrachloroethene	8.557	164	3260	0.442	ug/L	95
48) 2-Hexanone	8.689	43	17857	3.820	ug/L #	83
49) Dibromochloromethane	8.554	129	3833	0.498	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	12325	1.983	ug/L #	66

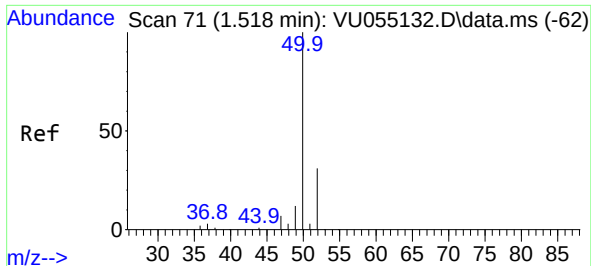
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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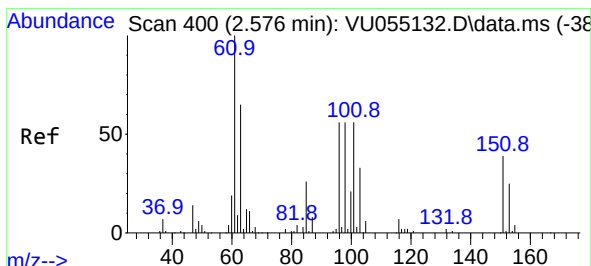
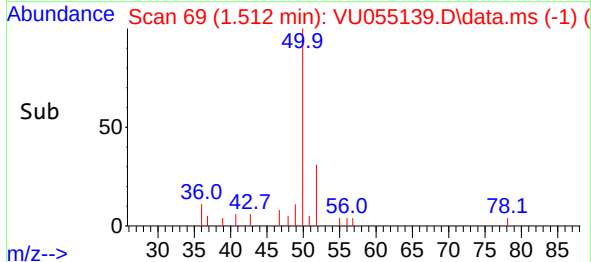
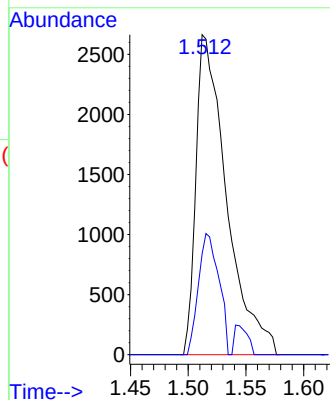
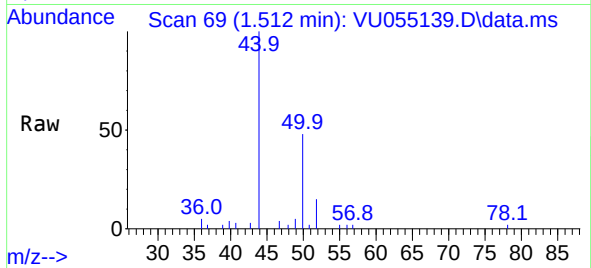




#3
Chloromethane
Concen: 0.479 ug/L
RT: 1.512 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

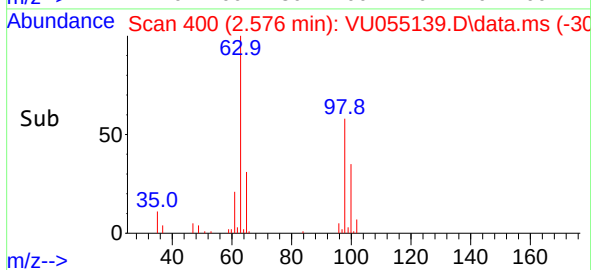
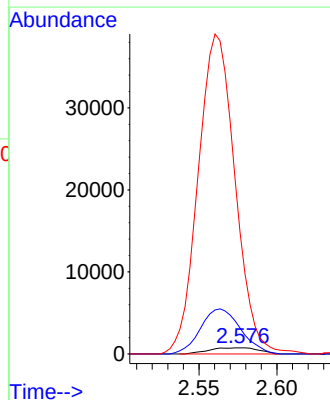
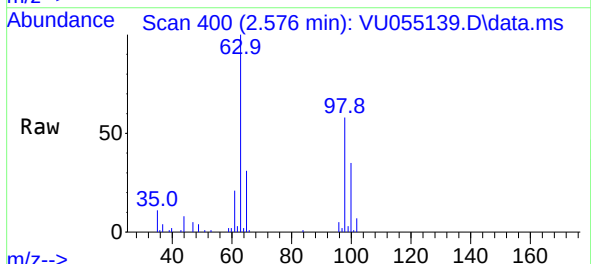
Instrument :
MSVOA_U
ClientSampleId :

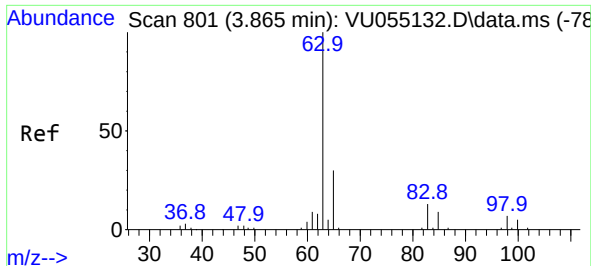
Tgt Ion: 50 Resp: 4908
Ion Ratio Lower Upper
50 100
52 31.5 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.206 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

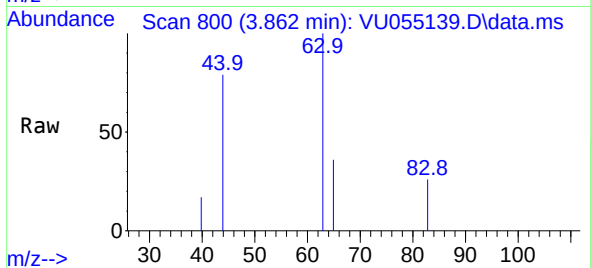
Tgt Ion: 96 Resp: 1652
Ion Ratio Lower Upper
96 100
61 422.8 120.8 224.4#
63 1983.2 94.5 175.5#



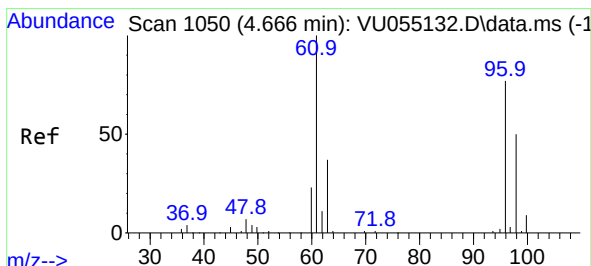
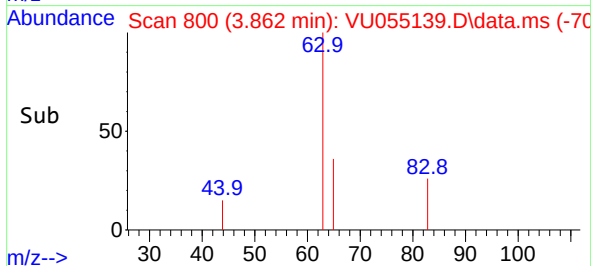
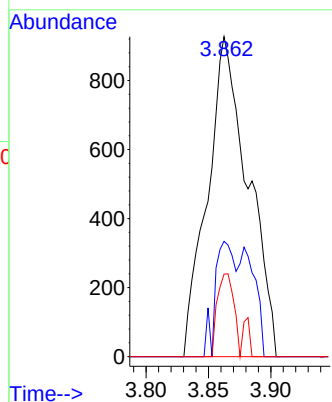


#19
1,1-Dichloroethane
Concen: 0.119 ug/L
RT: 3.862 min Scan# 801
Delta R.T. -0.003 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :

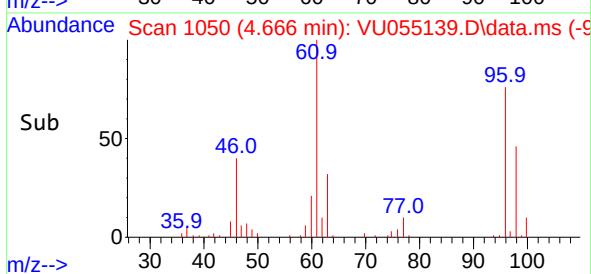
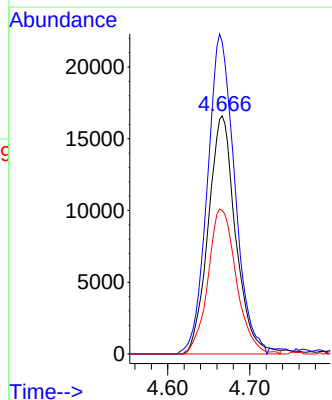
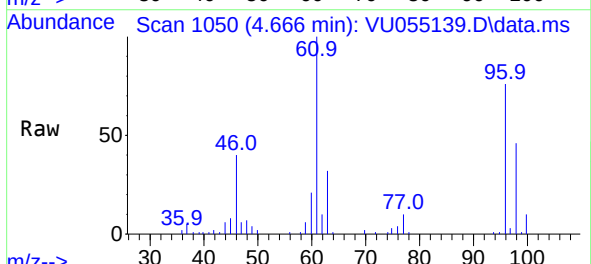


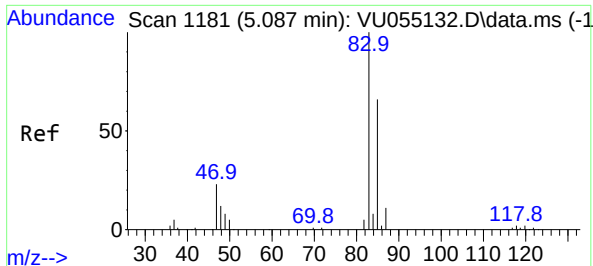
Tgt Ion: 63 Resp: 2094
Ion Ratio Lower Upper
63 100
65 36.0 22.2 41.2
83 25.8 10.6 19.8#



#22
cis-1,2-Dichloroethene
Concen: 3.870 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

Tgt Ion: 96 Resp: 38524
Ion Ratio Lower Upper
96 100
61 131.2 97.2 180.4
98 60.4 46.1 85.7





#25

Chloroform

Concen: 0.892 ug/L

RT: 5.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VU055139.D

Acq: 06 Sep 2023 14:44

Instrument :

MSVOA_U

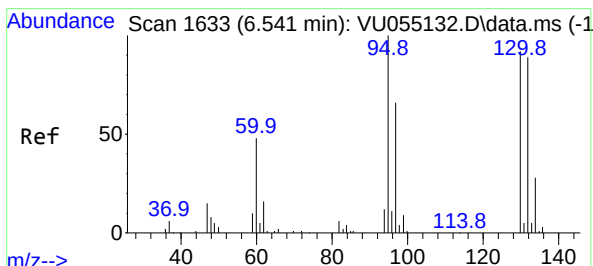
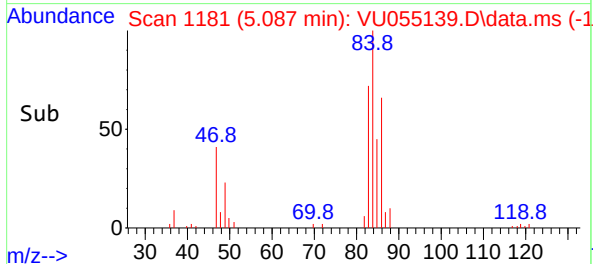
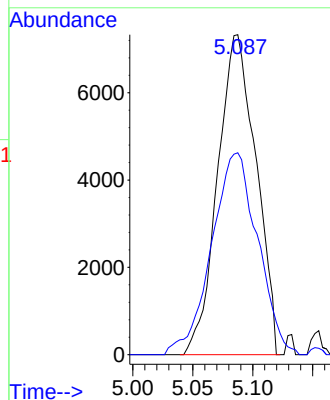
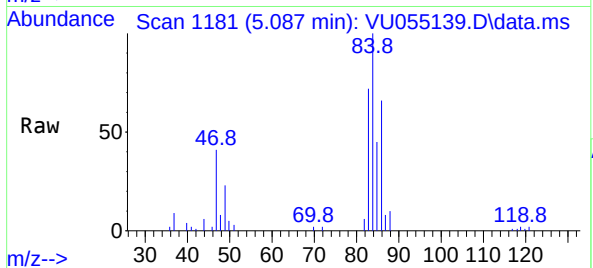
ClientSampleId :

Tgt Ion: 83 Resp: 16331

Ion Ratio Lower Upper

83 100

85 63.1 47.2 87.6



#34

Trichloroethene

Concen: 2.740 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055139.D

Acq: 06 Sep 2023 14:44

Tgt Ion: 95 Resp: 29267

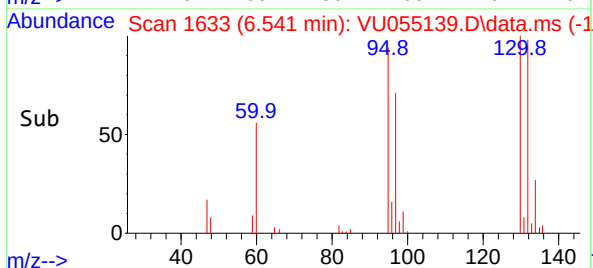
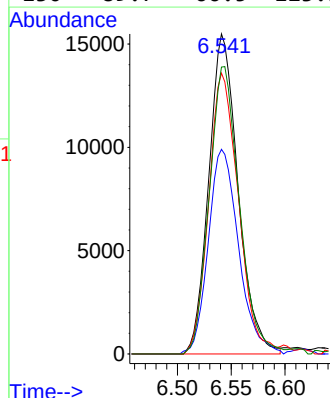
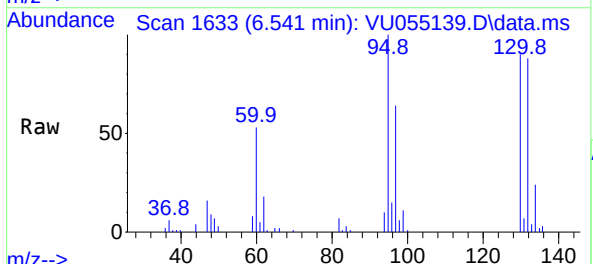
Ion Ratio Lower Upper

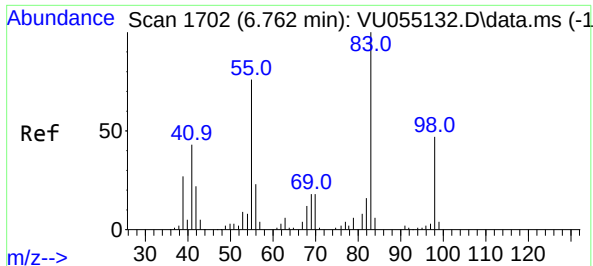
95 100

97 64.0 44.7 83.1

132 87.7 66.6 123.6

130 89.7 66.5 123.5





#35

Methylcyclohexane

Concen: 1.027 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.070 min

Lab File: VU055139.D

Acq: 06 Sep 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

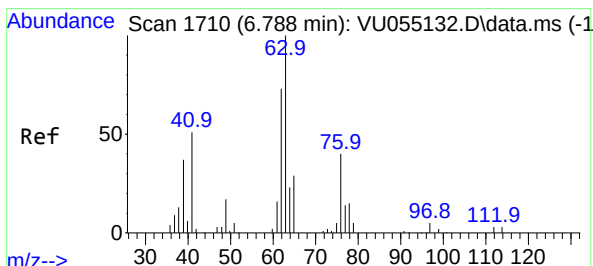
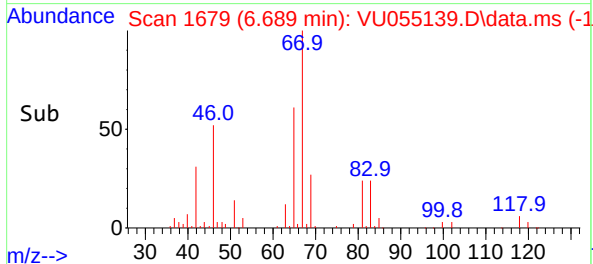
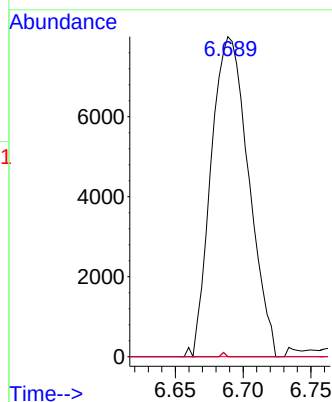
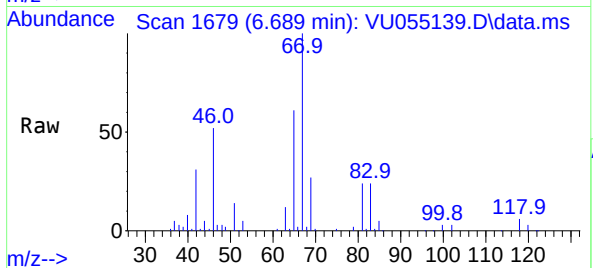
Tgt Ion: 83 Resp: 15391

Ion Ratio Lower Upper

83 100

55 0.1 60.4 90.6#

98 0.0 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.753 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.099 min

Lab File: VU055139.D

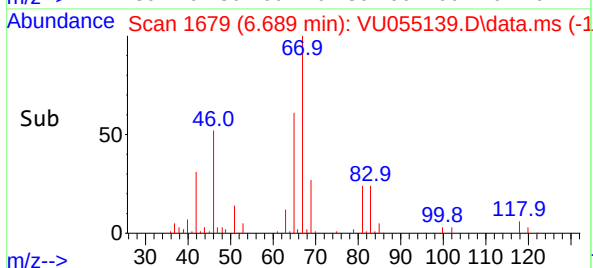
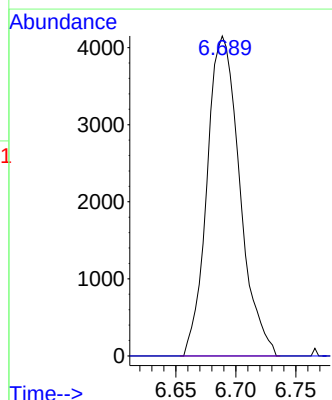
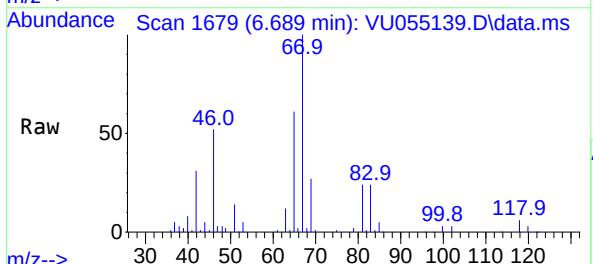
Acq: 06 Sep 2023 14:44

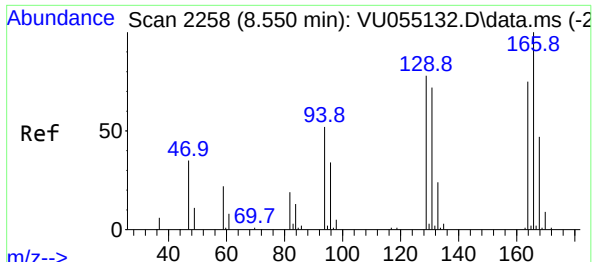
Tgt Ion: 63 Resp: 7879

Ion Ratio Lower Upper

63 100

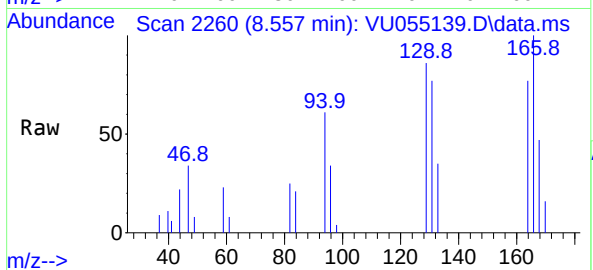
112 0.0 3.2 4.8#



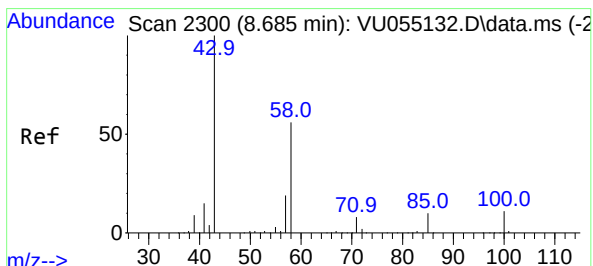
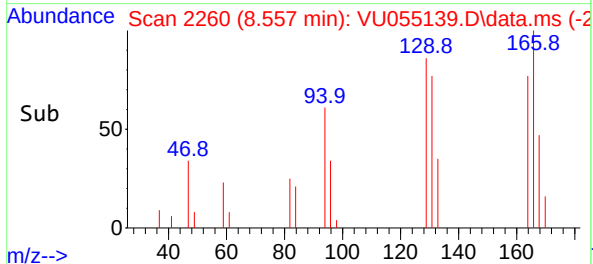
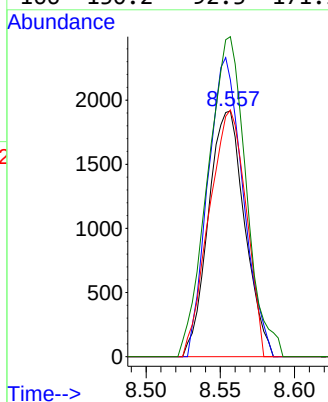


#47
Tetrachloroethene
Concen: 0.442 ug/L
RT: 8.557 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :

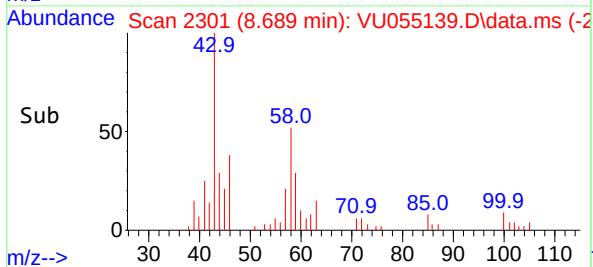
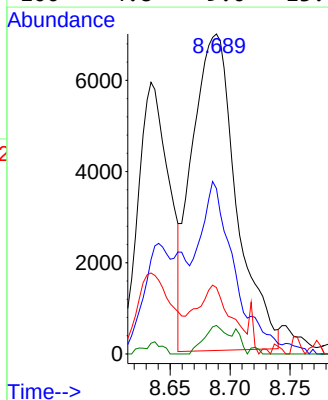
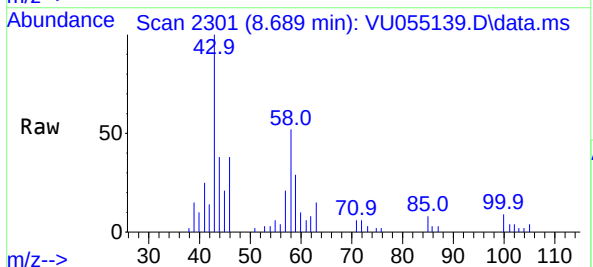


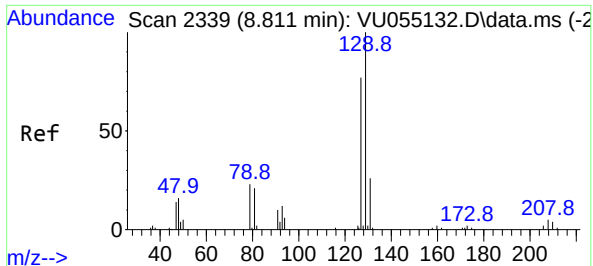
Tgt Ion:164 Resp: 3260
Ion Ratio Lower Upper
164 100
129 112.6 69.2 128.6
131 100.4 68.8 127.8
166 130.2 92.3 171.5



#48
2-Hexanone
Concen: 3.820 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

Tgt Ion: 43 Resp: 17857
Ion Ratio Lower Upper
43 100
58 39.9 44.0 66.0#
57 17.0 16.2 24.2
100 4.8 9.0 13.4#





#49

Dibromochloromethane

Concen: 0.498 ug/L

RT: 8.554 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055139.D

Acq: 06 Sep 2023 14:44

Instrument :

MSVOA_U

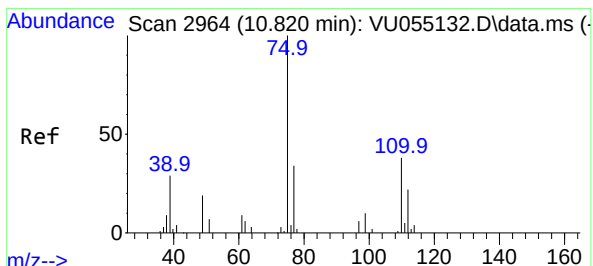
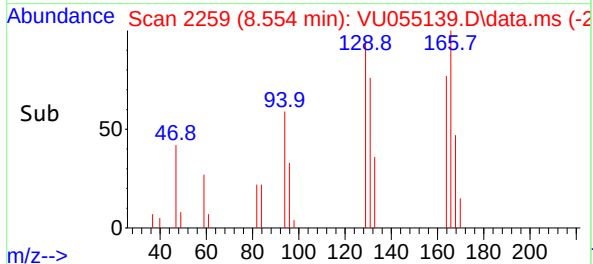
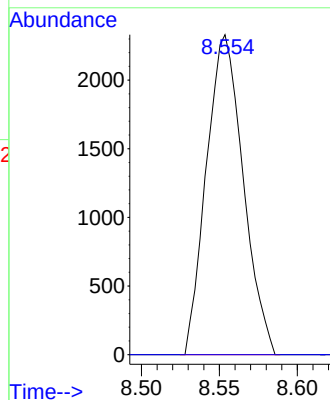
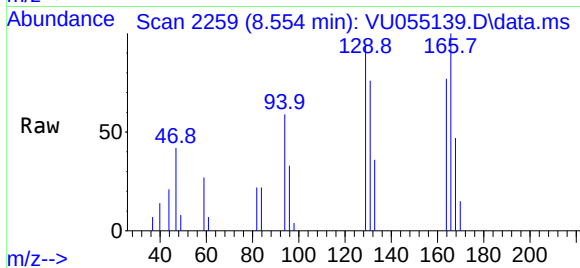
ClientSampleId :

Tgt Ion:129 Resp: 3833

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.983 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.991 min

Lab File: VU055139.D

Acq: 06 Sep 2023 14:44

Tgt Ion: 75 Resp: 12325

Ion Ratio Lower Upper

75 100

110 2.4 28.2 42.2#

77 39.0 26.2 39.4

