

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055078.D
 Acq On : 02 Sep 2023 06:44
 Operator : MD/SY
 Sample : 04250-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 04 01:36:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

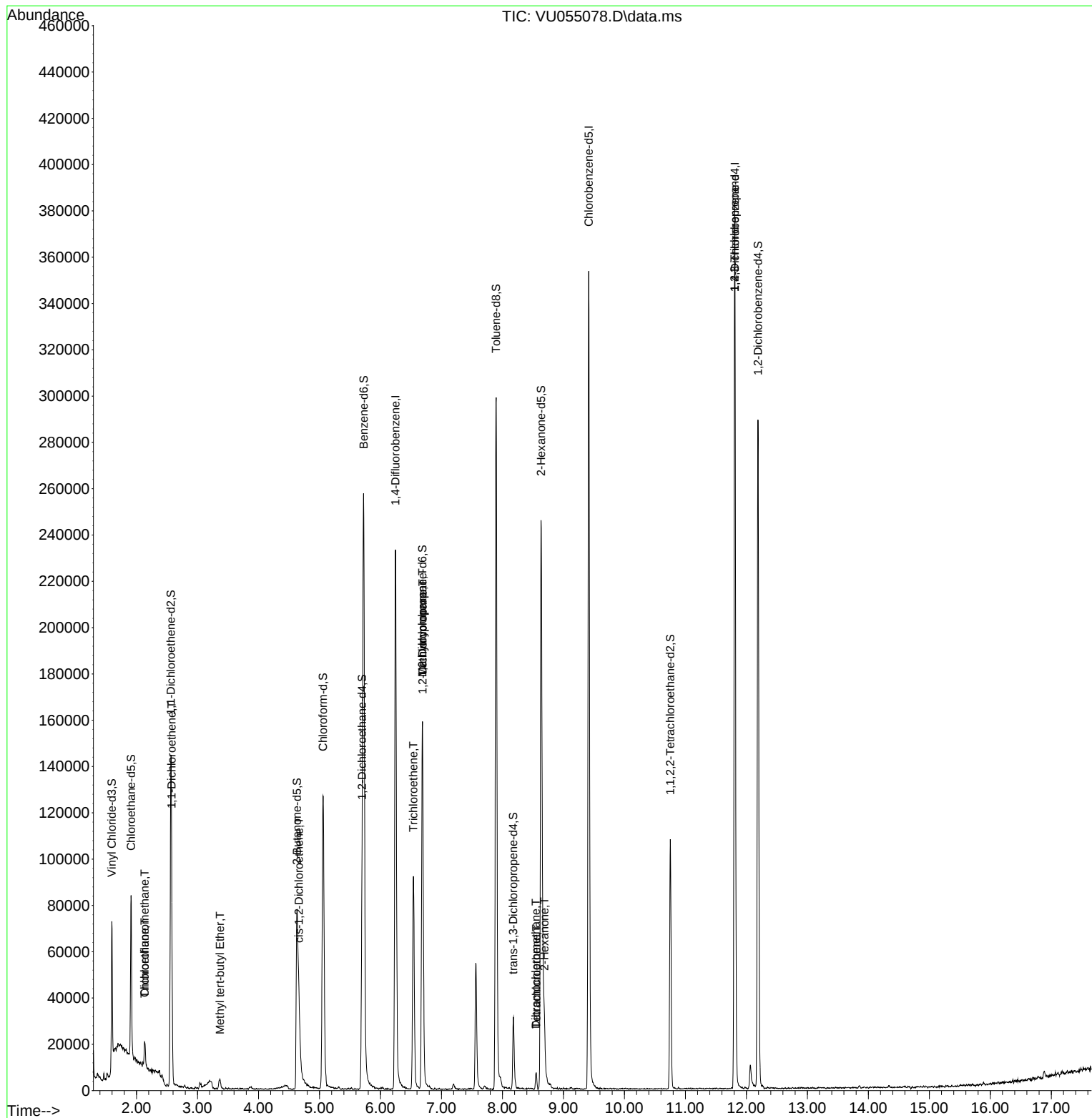
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	186678	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	192192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	98398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40825	4.666	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.911	69	47072	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	24123	4.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.631	46	137089	53.994	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.980%
24) Chloroform-d	5.058	84	118306	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.698	65	61281	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.724	84	234512	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.688	67	74432	4.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.897	98	208508	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.177	79	18080	4.351	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.634	63	80567	47.758	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.520%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52728	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	73055	5.087	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
8) Chloroethane	2.132	64	1162	0.153	ug/L	84
9) Trichlorofluoromethane	2.136	101	6455	0.381	ug/L	98
12) 1,1-Dichloroethene	2.576	96	10777	1.249	ug/L #	1
17) Methyl tert-butyl Ether	3.367	73	4794	0.212	ug/L #	83
22) cis-1,2-Dichloroethene	4.663	96	5982	0.558	ug/L	91
34) Trichloroethene	6.541	95	30736	2.704	ug/L	98
35) Methylcyclohexane	6.688	83	17949	1.125	ug/L #	23
37) 1,2-Dichloropropane	6.692	63	8049	0.723	ug/L #	88
47) Tetrachloroethene	8.557	164	1534	0.195	ug/L	90
48) 2-Hexanone	8.688	43	13622	2.738	ug/L #	92
49) Dibromochloromethane	8.550	129	1430	0.175	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	13385	2.050	ug/L #	70

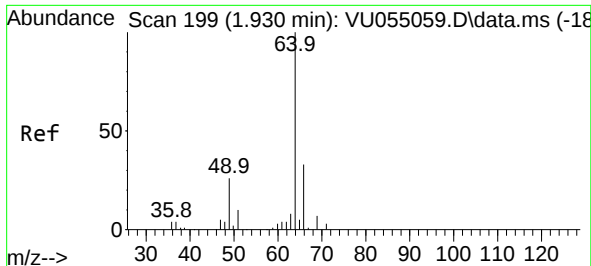
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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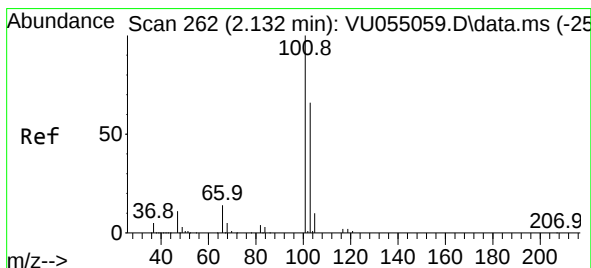
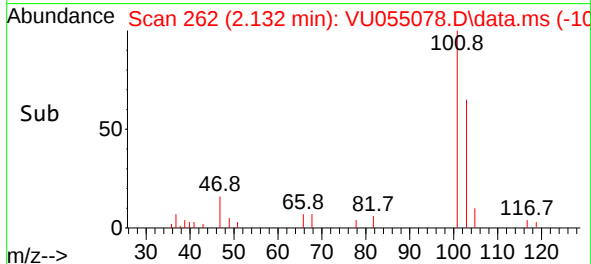
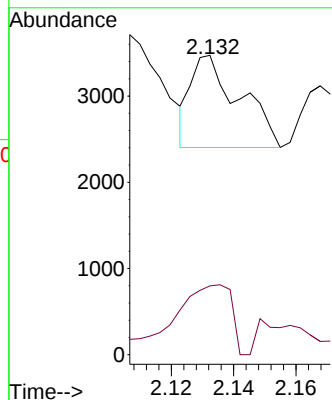
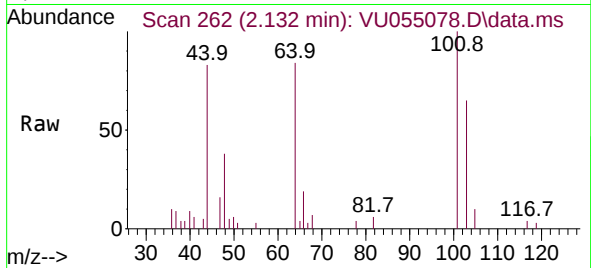




#8
Chloroethane
Concen: 0.153 ug/L
RT: 2.132 min Scan# 210
Delta R.T. 0.203 min
Lab File: VU055078.D
Acq: 02 Sep 2023 06:44

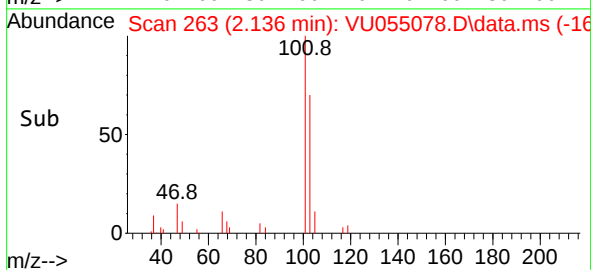
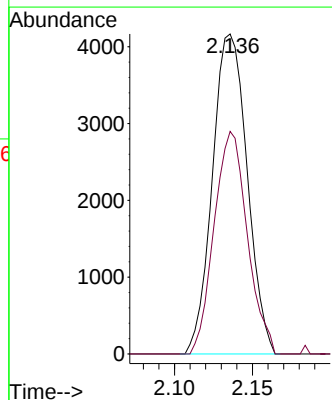
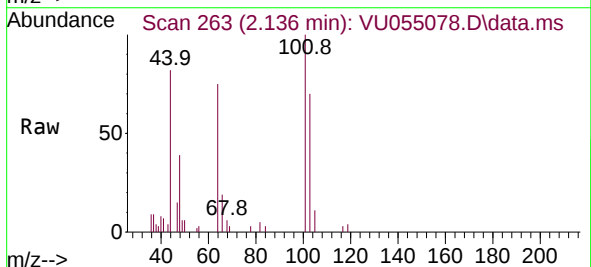
Instrument :
MSVOA_U
ClientSampleId :

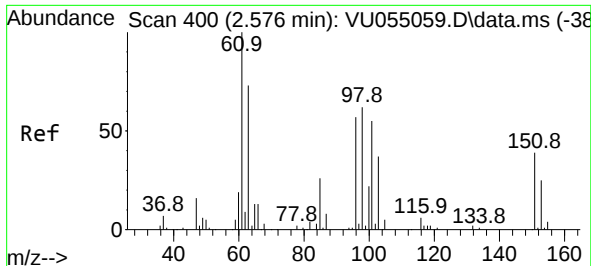
Tgt Ion: 64 Resp: 1162
Ion Ratio Lower Upper
64 100
66 23.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 0.381 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU055078.D
Acq: 02 Sep 2023 06:44

Tgt Ion:101 Resp: 6455
Ion Ratio Lower Upper
101 100
103 66.5 51.9 77.9





#12

1,1-Dichloroethene

Concen: 1.249 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055078.D

Acq: 02 Sep 2023 06:44

Instrument :

MSVOA_U

ClientSampleId :

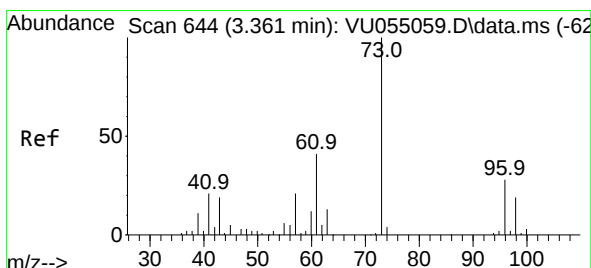
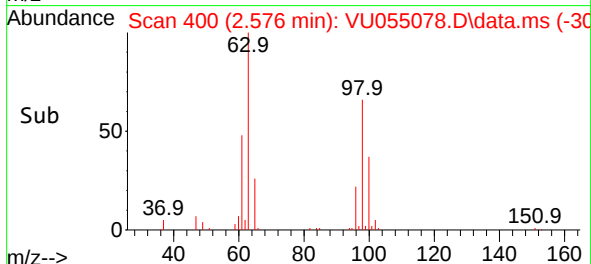
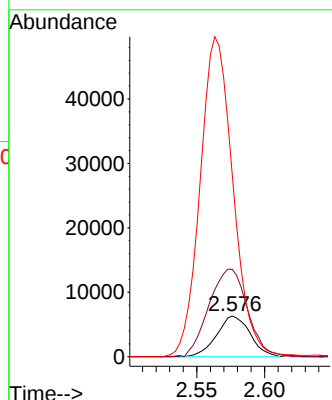
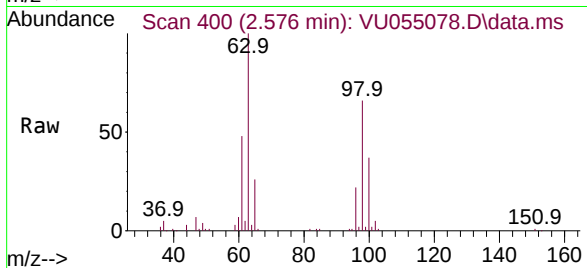
Tgt Ion: 96 Resp: 10777

Ion Ratio Lower Upper

96 100

61 214.6 120.8 224.4

63 448.9 94.5 175.5#



#17

Methyl tert-butyl Ether

Concen: 0.212 ug/L

RT: 3.367 min Scan# 646

Delta R.T. 0.006 min

Lab File: VU055078.D

Acq: 02 Sep 2023 06:44

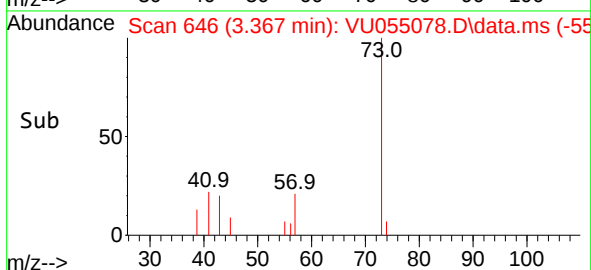
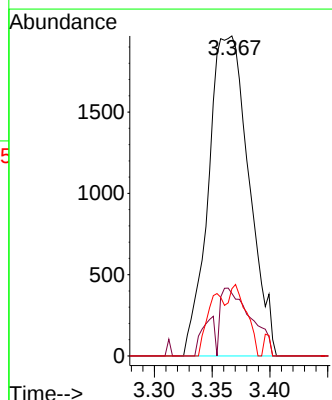
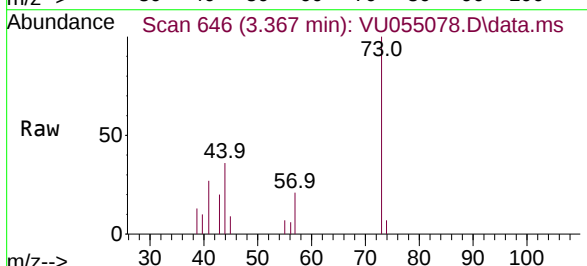
Tgt Ion: 73 Resp: 4794

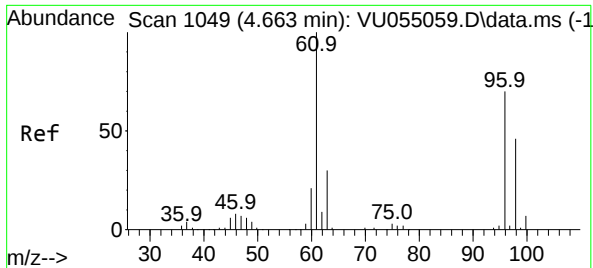
Ion Ratio Lower Upper

73 100

43 15.8 16.2 24.2#

57 10.0 17.4 26.2#

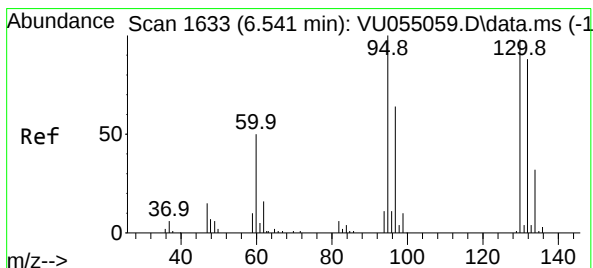
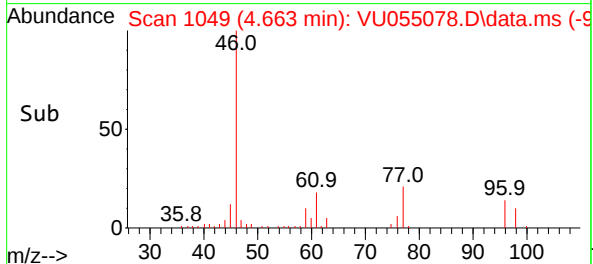
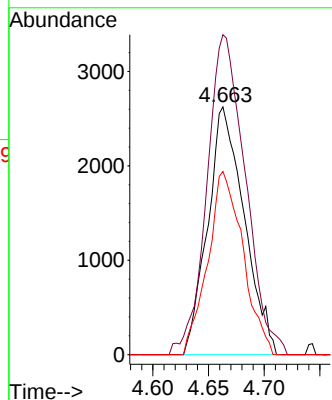
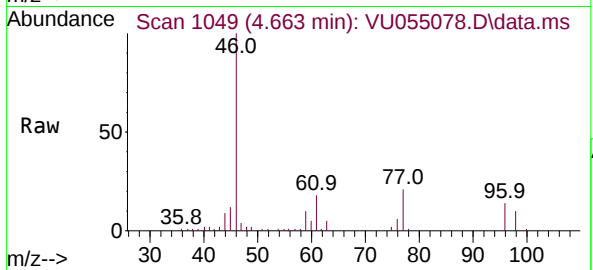




#22
 cis-1,2-Dichloroethene
 Concen: 0.558 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055078.D
 Acq: 02 Sep 2023 06:44

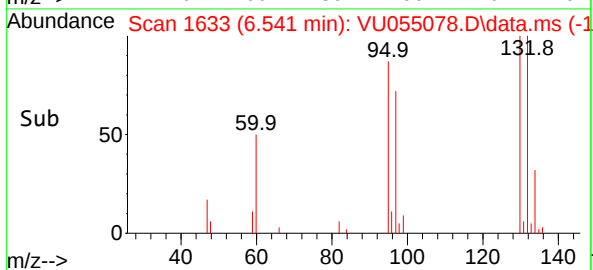
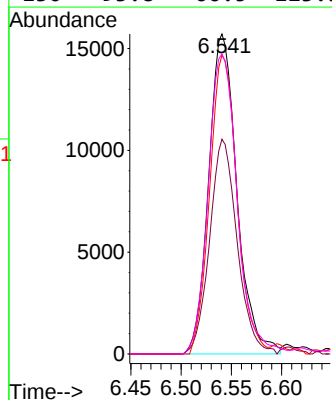
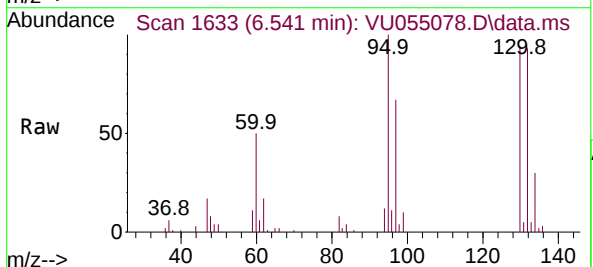
Instrument :
 MSVOA_U
 ClientSampleId :

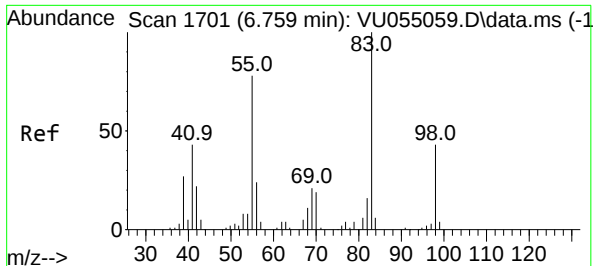
Tgt Ion: 96 Resp: 5982
 Ion Ratio Lower Upper
 96 100
 61 129.1 97.2 180.4
 98 73.9 46.1 85.7



#34
 Trichloroethene
 Concen: 2.704 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU055078.D
 Acq: 02 Sep 2023 06:44

Tgt Ion: 95 Resp: 30736
 Ion Ratio Lower Upper
 95 100
 97 67.1 44.7 83.1
 132 93.4 66.6 123.6
 130 93.8 66.5 123.5





#35

Methylcyclohexane

Concen: 1.125 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055078.D

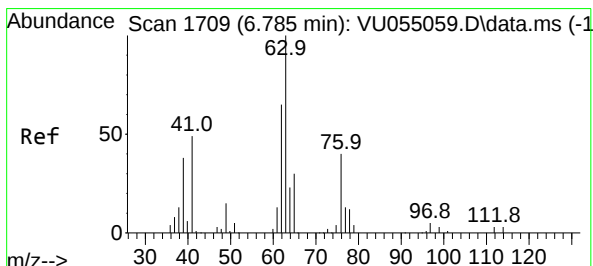
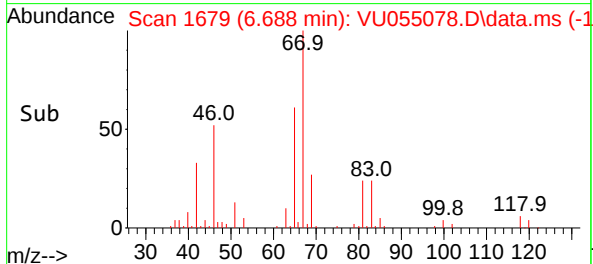
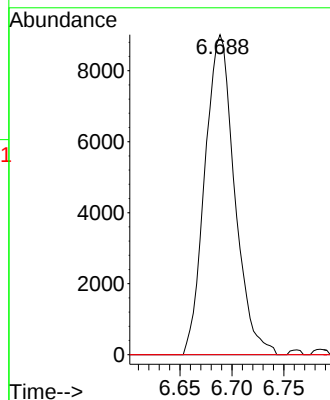
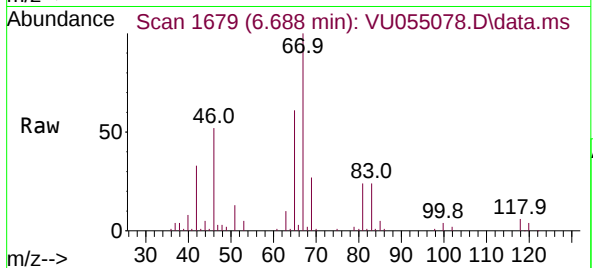
Acq: 02 Sep 2023 06:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 17949
Ion Ratio	Lower Upper
83 100	
55 0.0	60.4 90.6#
98 7.0	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.723 ug/L

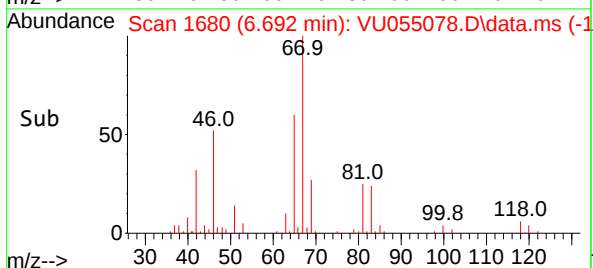
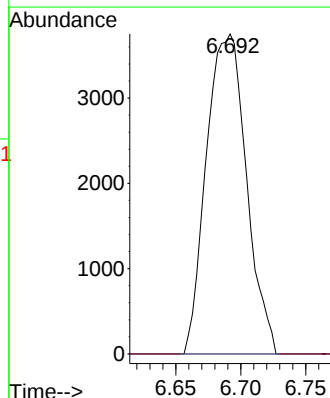
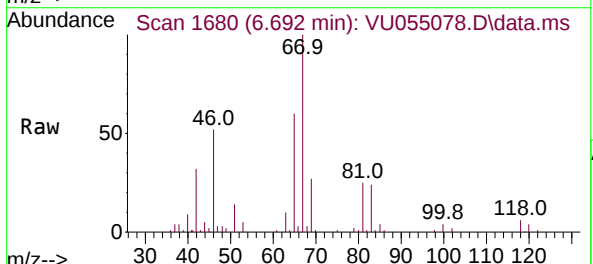
RT: 6.692 min Scan# 1680

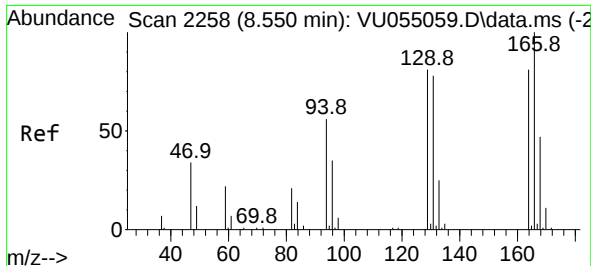
Delta R.T. -0.093 min

Lab File: VU055078.D

Acq: 02 Sep 2023 06:44

Tgt Ion: 63	Resp: 8049
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#





#47

Tetrachloroethene

Concen: 0.195 ug/L

RT: 8.557 min Scan# 21

Delta R.T. 0.006 min

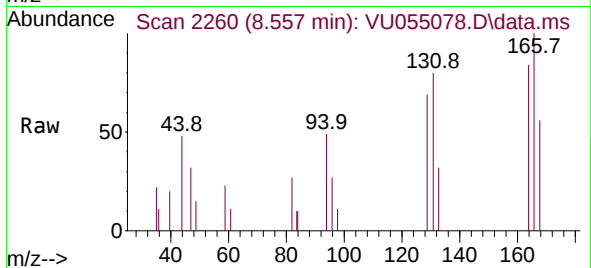
Lab File: VU055078.D

Acq: 02 Sep 2023 06:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 1534

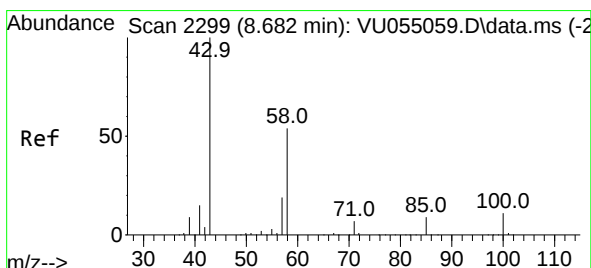
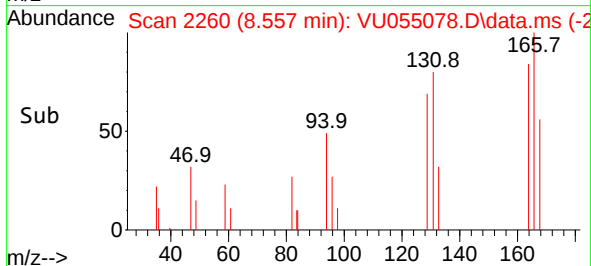
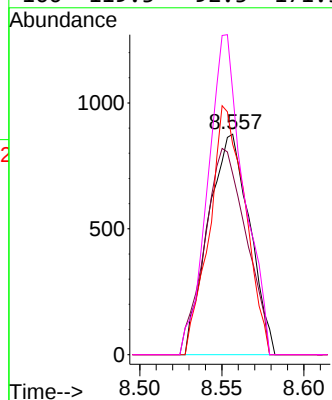
Ion Ratio Lower Upper

164 100

129 82.1 69.2 128.6

131 95.4 68.8 127.8

166 119.3 92.3 171.5



#48

2-Hexanone

Concen: 2.738 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VU055078.D

Acq: 02 Sep 2023 06:44

Tgt Ion: 43 Resp: 13622

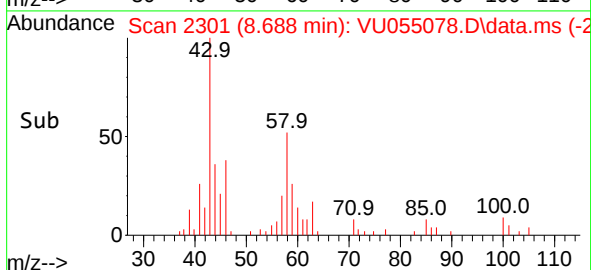
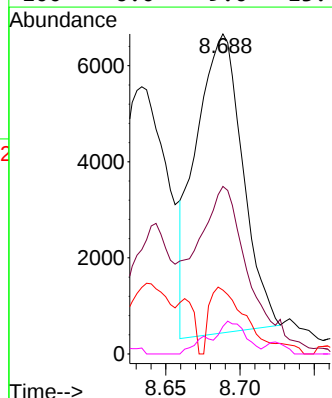
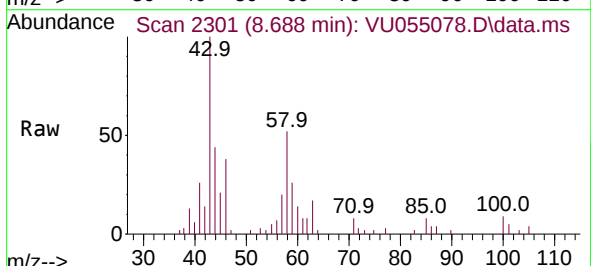
Ion Ratio Lower Upper

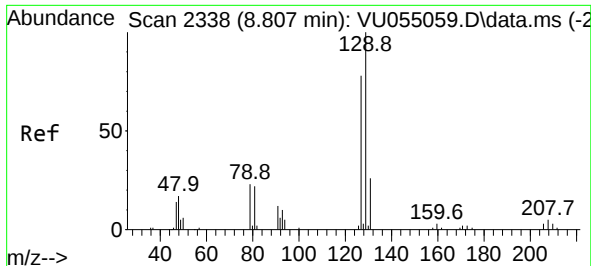
43 100

58 60.9 44.0 66.0

57 18.2 16.2 24.2

100 6.0 9.0 13.4#





#49

Dibromochloromethane

Concen: 0.175 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU055078.D

Acq: 02 Sep 2023 06:44

Instrument :

MSVOA_U

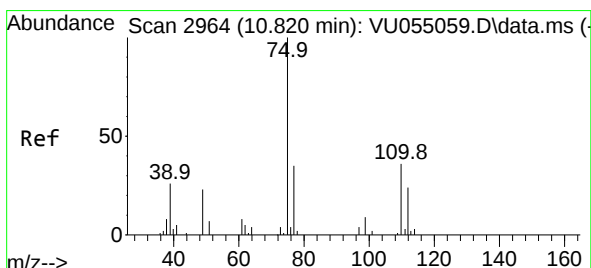
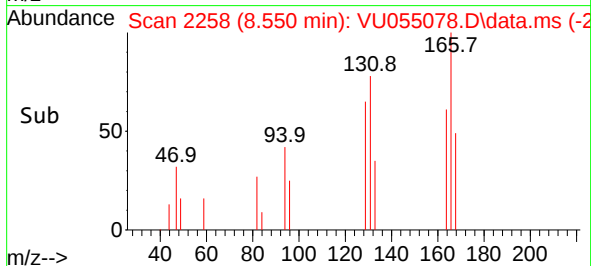
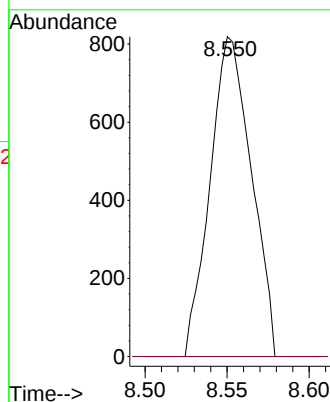
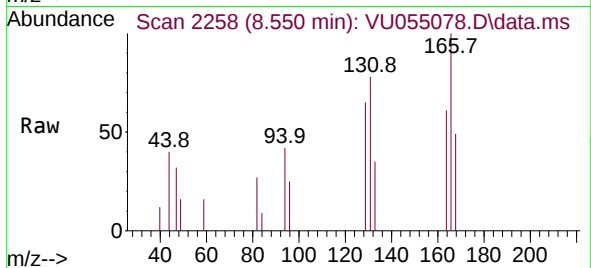
ClientSampleId :

Tgt Ion:129 Resp: 1430

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.050 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU055078.D

Acq: 02 Sep 2023 06:44

Tgt Ion: 75 Resp: 13385

Ion Ratio Lower Upper

75 100

110 2.0 28.2 42.2#

77 31.9 26.2 39.4

