

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055076.D
 Acq On : 02 Sep 2023 05:56
 Operator : MD/SY
 Sample : 04250-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 04 01:36:07 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)

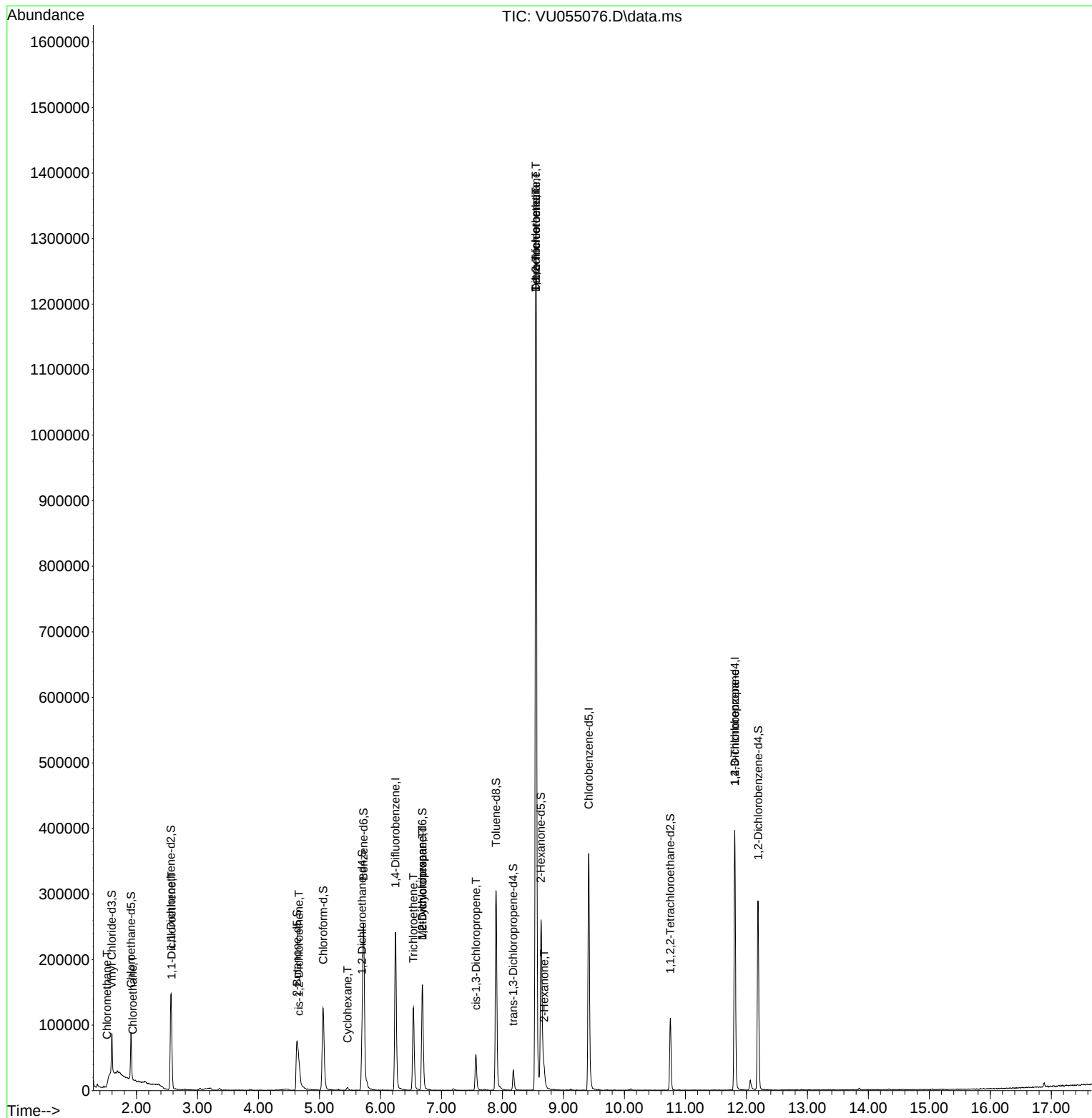
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	194255	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	196193	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	102591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40543	4.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.911	69	48656	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	24711	4.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.631	46	129585	49.048	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	5.062	84	117530	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.698	65	60417	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.724	84	235620	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.689	67	75647	4.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.898	98	205675	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.177	79	18057	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.631	63	86069	49.979	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53216	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	74127	4.950	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	1957	0.170	ug/L #	58
8) Chloroethane	1.940	64	1108	0.140	ug/L #	59
12) 1,1-Dichloroethene	2.576	96	11768	1.310	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	9240	0.828	ug/L	81
30) Cyclohexane	5.460	56	4015	0.266	ug/L #	16
34) Trichloroethene	6.541	95	43465	3.745	ug/L	97
35) Methylcyclohexane	6.689	83	17704	1.087	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	8958	0.788	ug/L #	88
39) cis-1,3-Dichloropropene	7.566	75	1812	0.117	ug/L #	80
45) 1,1,2-Trichloroethane	8.550	97	2655	0.347	ug/L #	3
47) Tetrachloroethene	8.550	164	281321	35.075	ug/L	98
48) 2-Hexanone	8.685	43	15185	2.990	ug/L #	92
49) Dibromochloromethane	8.550	129	282844	33.839	ug/L #	10
61) 1,2,3-Trichloropropane	11.811	75	13957	2.050	ug/L #	70

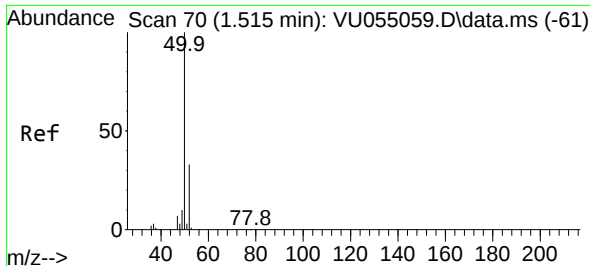
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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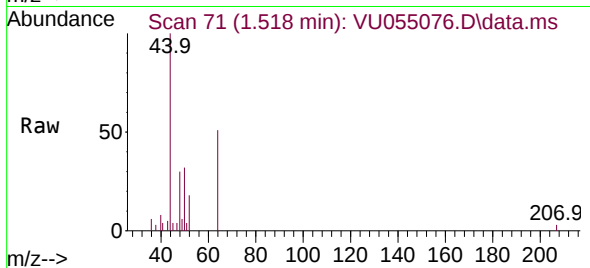
Quant Time: Sep 04 01:36:07 2023
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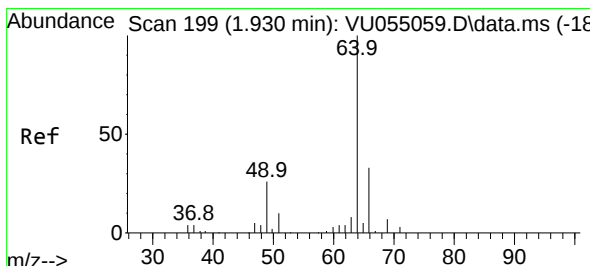
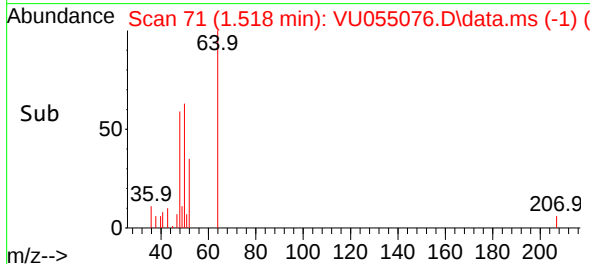
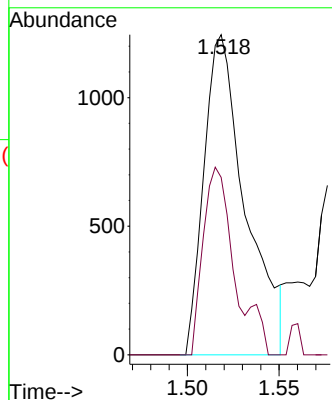


#3
Chloromethane
Concen: 0.170 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055076.D
Acq: 02 Sep 2023 05:56

Instrument :
MSVOA_U
ClientSampleId :

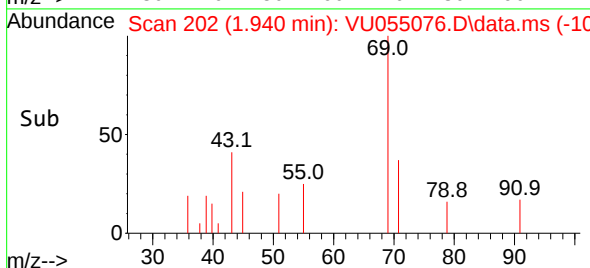
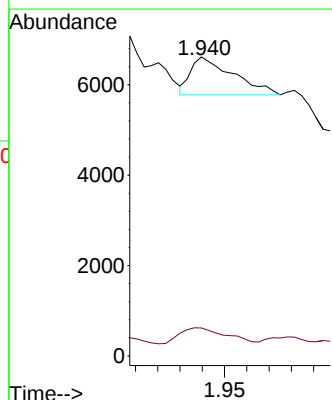
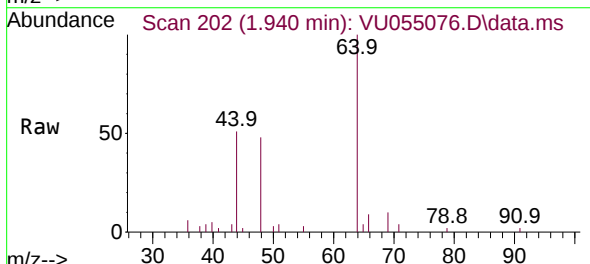


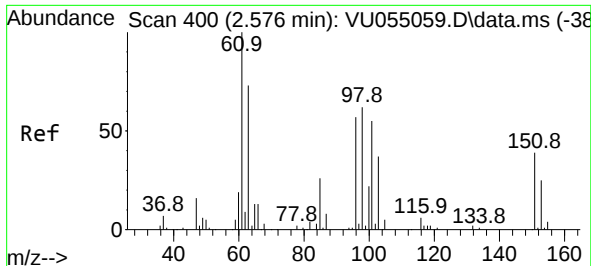
Tgt Ion: 50 Resp: 1957
Ion Ratio Lower Upper
50 100
52 55.4 22.5 41.7#



#8
Chloroethane
Concen: 0.140 ug/L
RT: 1.940 min Scan# 202
Delta R.T. 0.010 min
Lab File: VU055076.D
Acq: 02 Sep 2023 05:56

Tgt Ion: 64 Resp: 1108
Ion Ratio Lower Upper
64 100
66 9.4 22.4 41.6#





#12

1,1-Dichloroethene

Concen: 1.310 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055076.D

Acq: 02 Sep 2023 05:56

Instrument :

MSVOA_U

ClientSampleId :

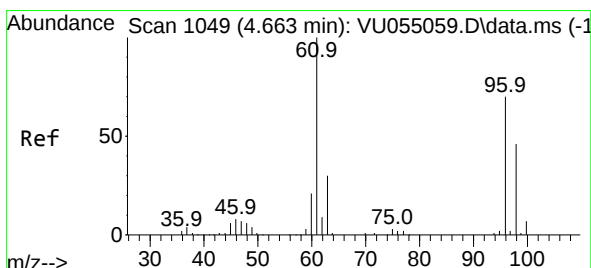
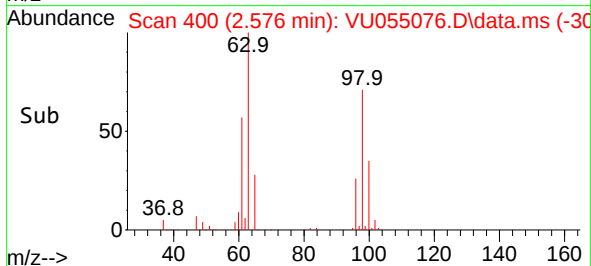
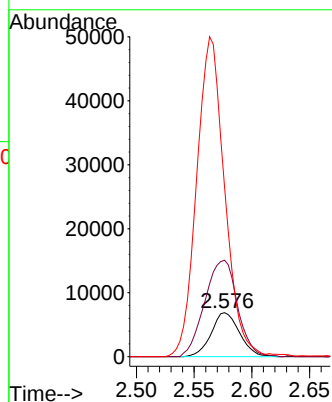
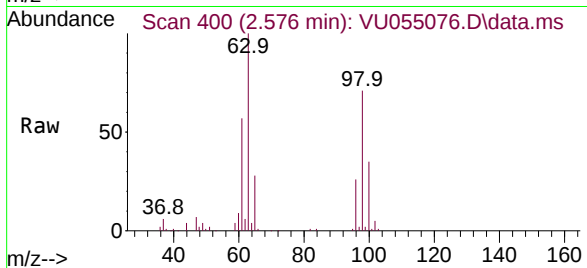
Tgt Ion: 96 Resp: 11768

Ion Ratio Lower Upper

96 100

61 219.1 120.8 224.4

63 386.7 94.5 175.5#



#22

cis-1,2-Dichloroethene

Concen: 0.828 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055076.D

Acq: 02 Sep 2023 05:56

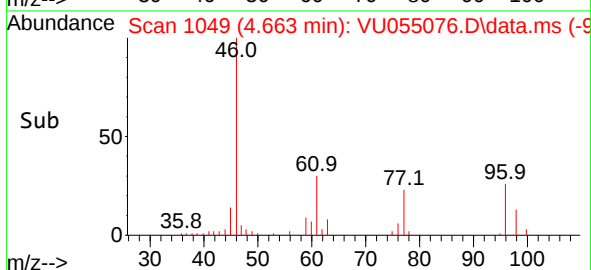
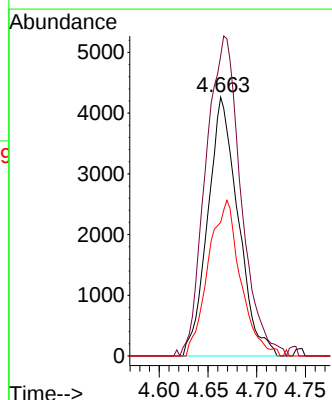
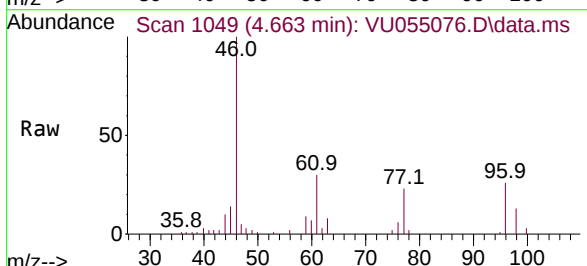
Tgt Ion: 96 Resp: 9240

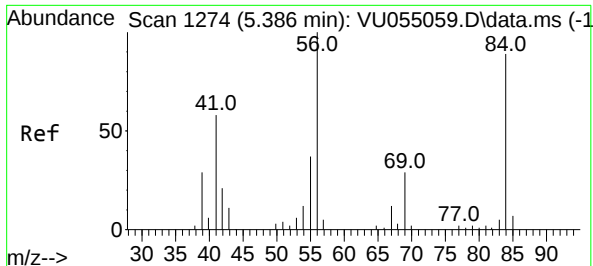
Ion Ratio Lower Upper

96 100

61 116.0 97.2 180.4

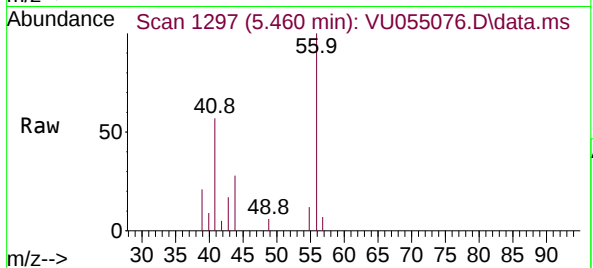
98 51.7 46.1 85.7



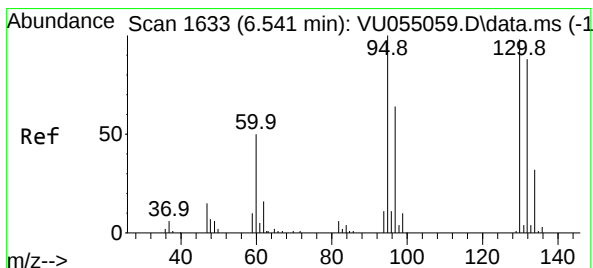
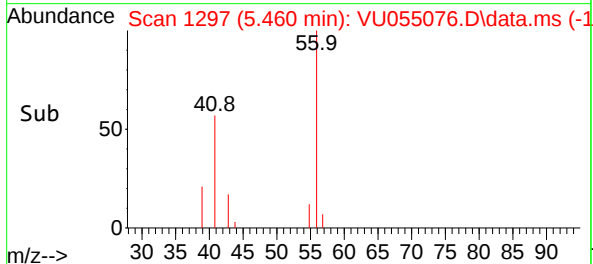
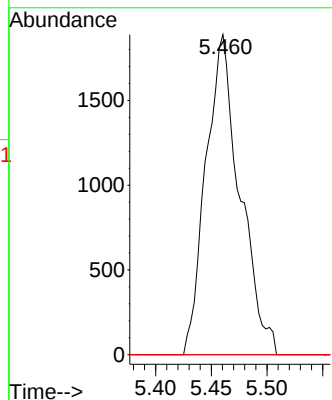


#30
Cyclohexane
Concen: 0.266 ug/L
RT: 5.460 min Scan# 1297
Delta R.T. 0.074 min
Lab File: VU055076.D
Acq: 02 Sep 2023 05:56

Instrument :
MSVOA_U
ClientSampleId :

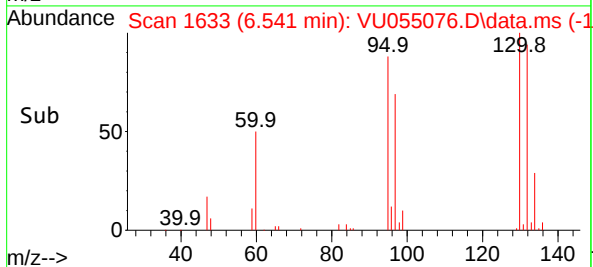
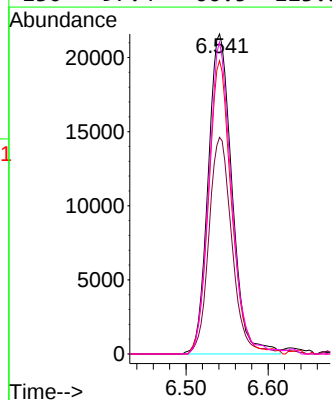
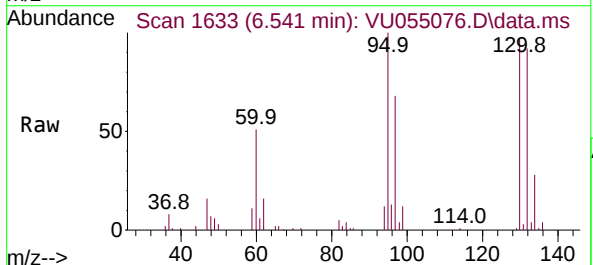


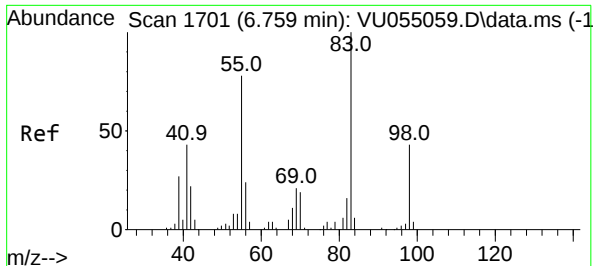
Tgt Ion: 56 Resp: 4015
Ion Ratio Lower Upper
56 100
69 0.0 24.6 37.0#
84 0.0 68.8 103.2#



#34
Trichloroethene
Concen: 3.745 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055076.D
Acq: 02 Sep 2023 05:56

Tgt Ion: 95 Resp: 43465
Ion Ratio Lower Upper
95 100
97 67.7 44.7 83.1
132 91.7 66.6 123.6
130 97.4 66.5 123.5





#35

Methylcyclohexane

Concen: 1.087 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055076.D

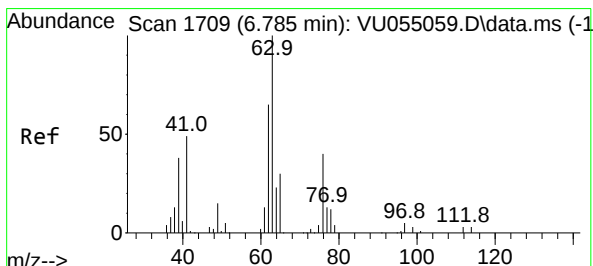
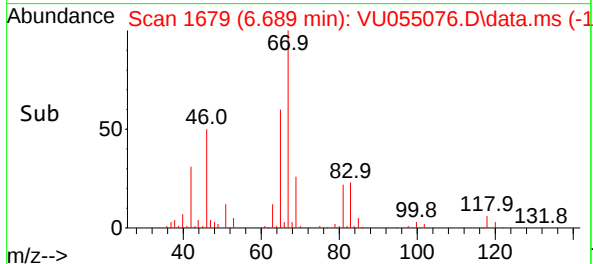
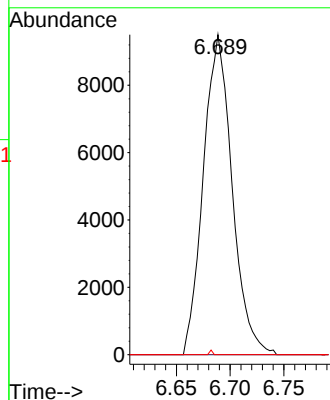
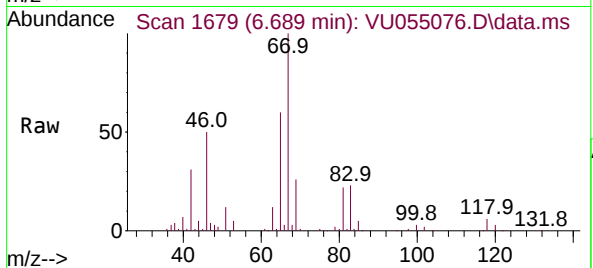
Acq: 02 Sep 2023 05:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 17704
Ion Ratio	Lower Upper
83	100
55	0.0 60.4 90.6#
98	0.0 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.788 ug/L

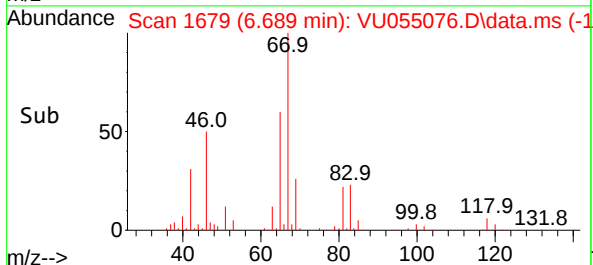
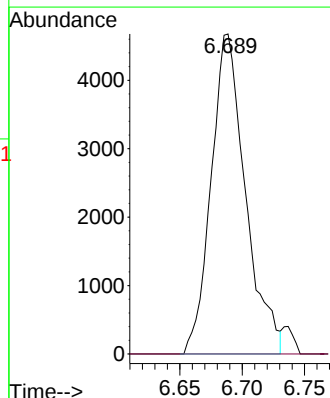
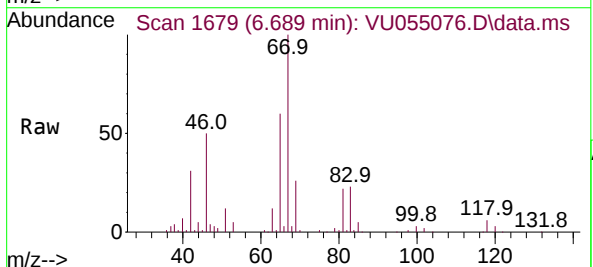
RT: 6.689 min Scan# 1679

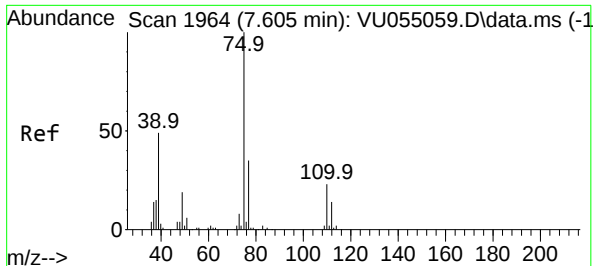
Delta R.T. -0.096 min

Lab File: VU055076.D

Acq: 02 Sep 2023 05:56

Tgt Ion: 63	Resp: 8958
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.566 min Scan# 1964

Delta R.T. -0.039 min

Lab File: VU055076.D

Acq: 02 Sep 2023 05:56

Instrument :

MSVOA_U

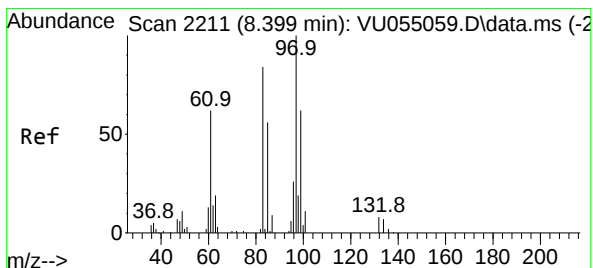
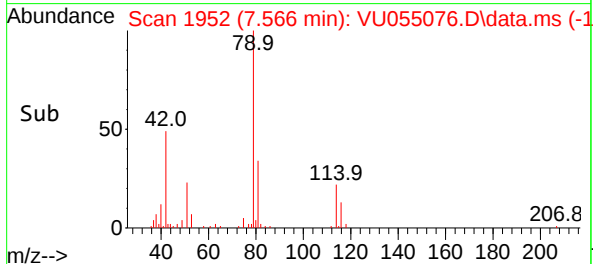
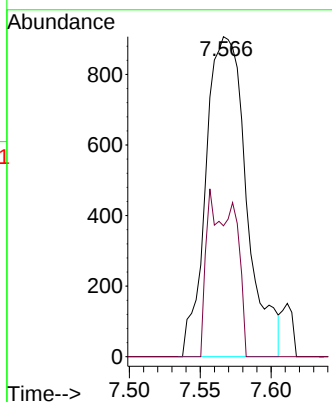
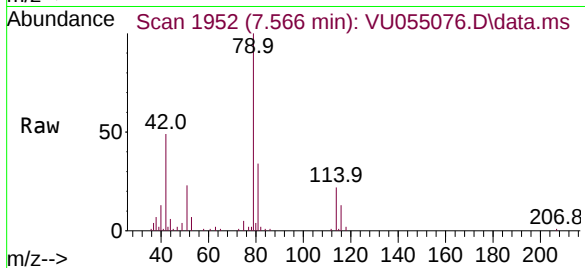
ClientSampleId :

Tgt Ion: 75 Resp: 1812

Ion Ratio Lower Upper

75 100

77 40.9 20.9 38.9#



#45

1,1,2-Trichloroethane

Concen: 0.347 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.151 min

Lab File: VU055076.D

Acq: 02 Sep 2023 05:56

Tgt Ion: 97 Resp: 2655

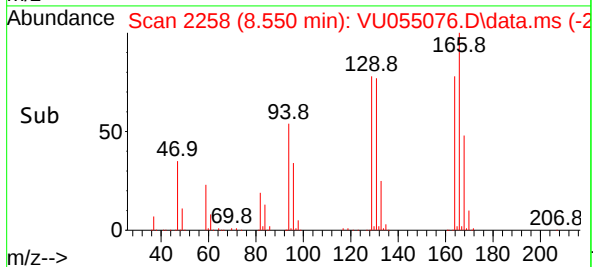
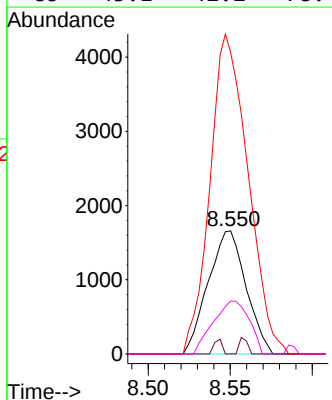
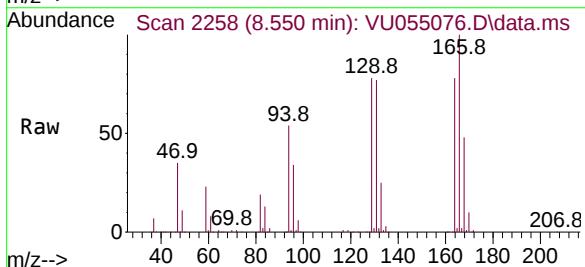
Ion Ratio Lower Upper

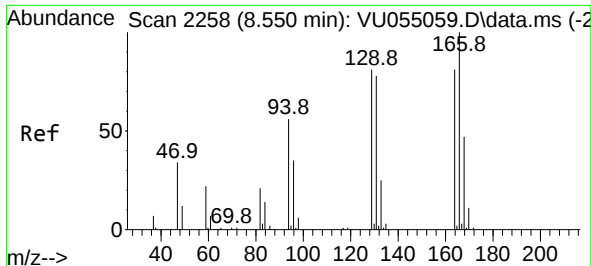
97 100

99 0.0 44.9 83.5#

83 244.9 66.9 124.3#

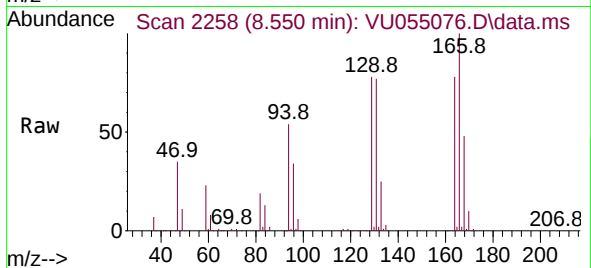
85 43.1 42.2 78.4



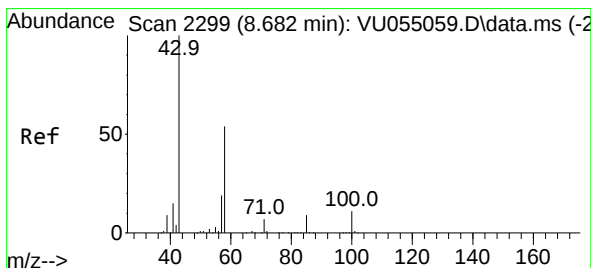
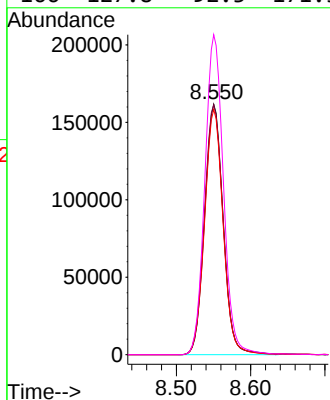
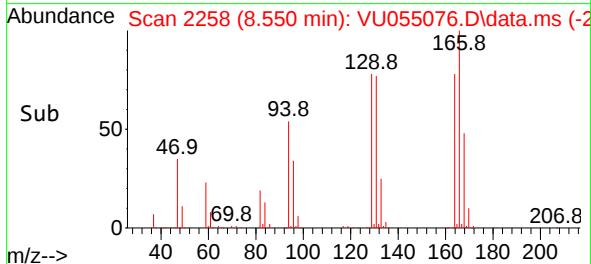


#47
Tetrachloroethene
Concen: 35.075 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055076.D
Acq: 02 Sep 2023 05:56

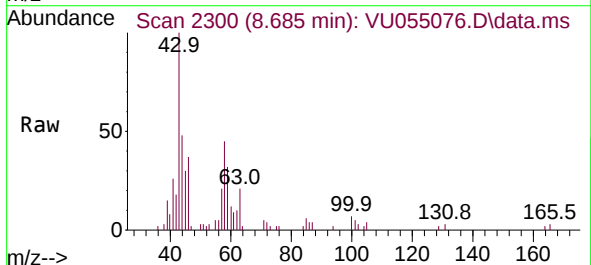
Instrument :
MSVOA_U
ClientSampleId :



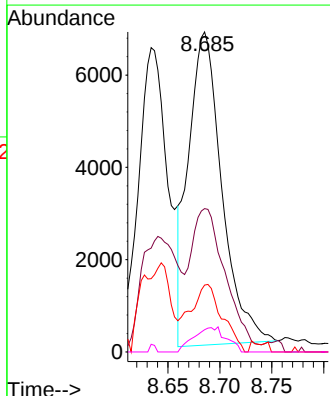
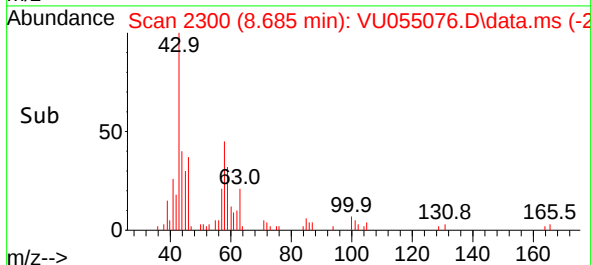
Tgt Ion:164 Resp: 281321
Ion Ratio Lower Upper
164 100
129 99.8 69.2 128.6
131 97.9 68.8 127.8
166 127.8 92.3 171.5

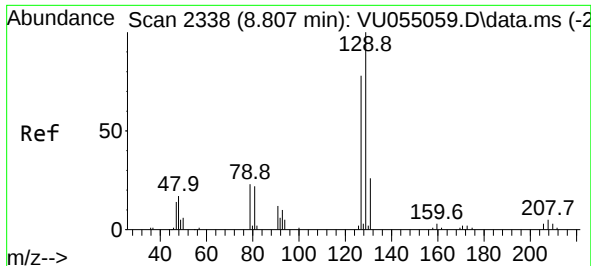


#48
2-Hexanone
Concen: 2.990 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055076.D
Acq: 02 Sep 2023 05:56



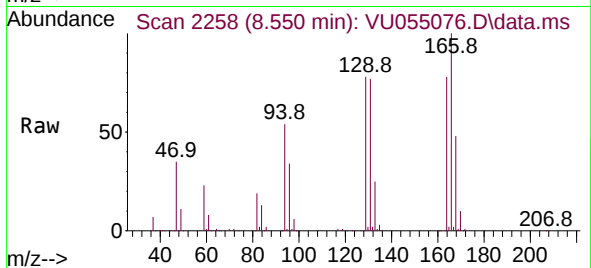
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Ion Ratio Lower Upper
43 100
58 47.2 44.0 66.0
57 20.9 16.2 24.2
100 7.6 9.0 13.4#



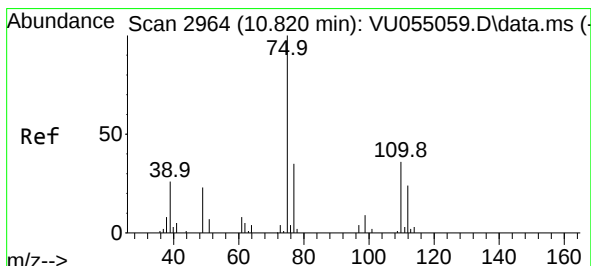
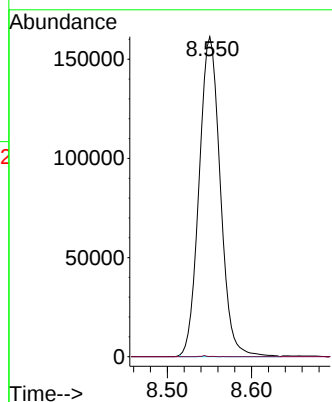
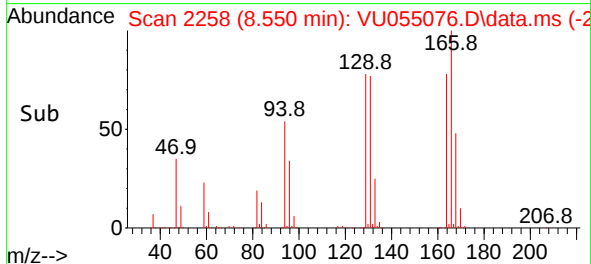


#49
Dibromochloromethane
Concen: 33.839 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU055076.D
Acq: 02 Sep 2023 05:56

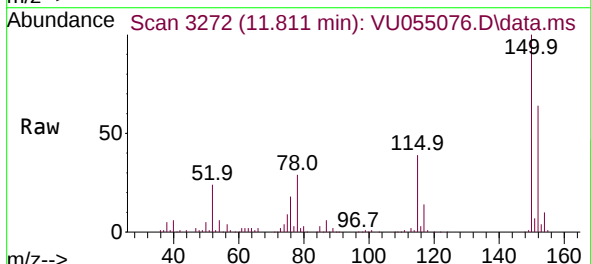
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 282844
Ion Ratio Lower Upper
129 100
127 0.1 55.9 103.7#



#61
1,2,3-Trichloropropane
Concen: 2.050 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055076.D
Acq: 02 Sep 2023 05:56



Tgt Ion: 75 Resp: 13957
Ion Ratio Lower Upper
75 100
110 2.1 28.2 42.2#
77 33.6 26.2 39.4

