

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055077.D
 Acq On : 02 Sep 2023 06:20
 Operator : MD/SY
 Sample : 04250-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 04 01:36:25 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)

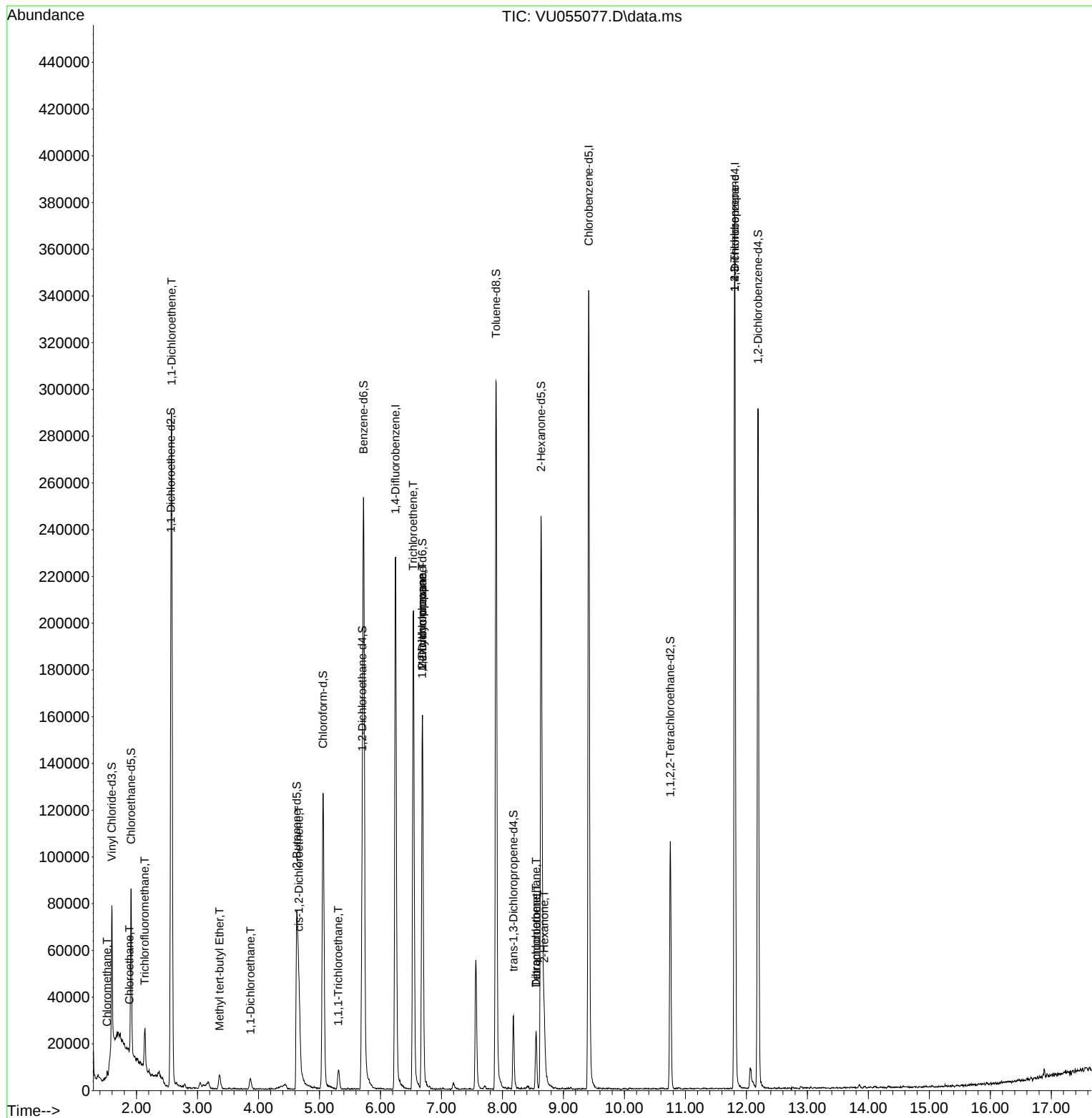
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	187240	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	187550	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	97853	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39728	4.527	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.911	69	48365	4.761	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.563	65	25371	5.074	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.627	46	130655	51.305	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.620%
24) Chloroform-d	5.058	84	117378	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.701	65	59561	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.724	84	235635	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.688	67	75357	5.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.897	98	211341	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	8.180	79	17255	4.255	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.634	63	81208	49.330	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.660%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53452	5.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	73316	5.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	2564	0.231	ug/L	84
8) Chloroethane	1.885	64	1581	0.208	ug/L #	56
9) Trichlorofluoromethane	2.136	101	9804	0.577	ug/L	98
12) 1,1-Dichloroethene	2.576	96	69501	8.029	ug/L	88
17) Methyl tert-butyl Ether	3.361	73	6589	0.290	ug/L	96
19) 1,1-Dichloroethane	3.869	63	5500	0.290	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	11362	1.057	ug/L	82
29) 1,1,1-Trichloroethane	5.309	97	5660	0.349	ug/L	95
34) Trichloroethene	6.537	95	70862	6.388	ug/L	97
35) Methylcyclohexane	6.688	83	17631	1.133	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	8986	0.827	ug/L #	89
47) Tetrachloroethene	8.553	164	5638	0.735	ug/L	94
48) 2-Hexanone	8.685	43	17023	3.506	ug/L #	86
49) Dibromochloromethane	8.553	129	5591	0.700	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	13898	2.140	ug/L #	71

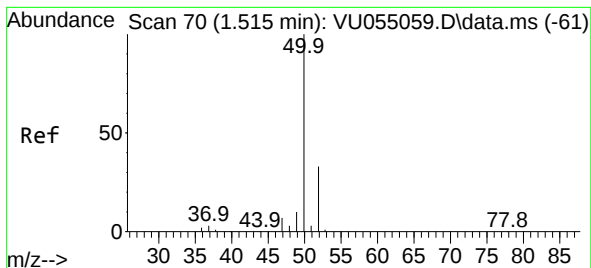
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 02 00:23:04 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.231 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU055077.D

Acq: 02 Sep 2023 06:20

Instrument :

MSVOA_U

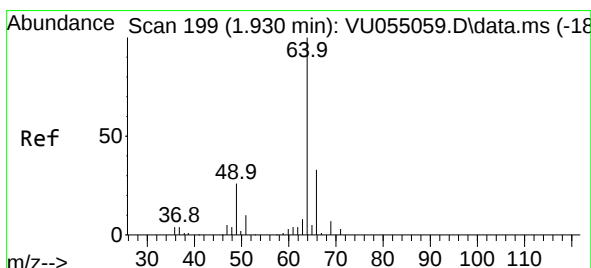
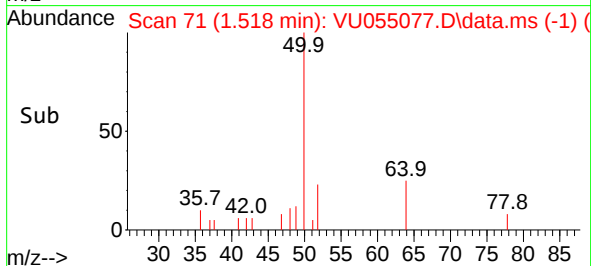
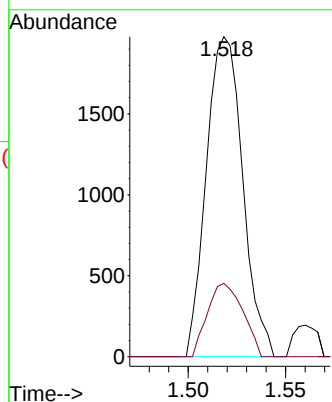
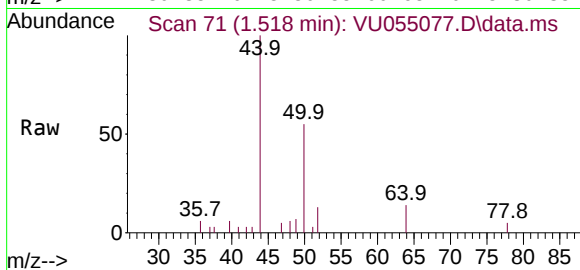
ClientSampleId :

Tgt Ion: 50 Resp: 2564

Ion Ratio Lower Upper

50 100

52 22.9 22.5 41.7



#8

Chloroethane

Concen: 0.208 ug/L

RT: 1.885 min Scan# 185

Delta R.T. -0.045 min

Lab File: VU055077.D

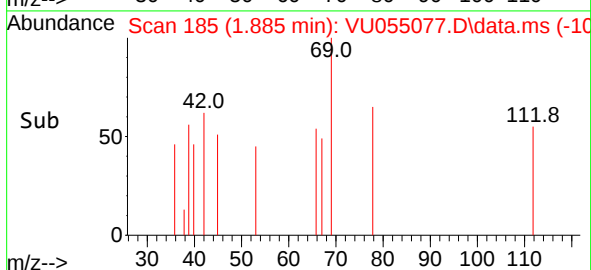
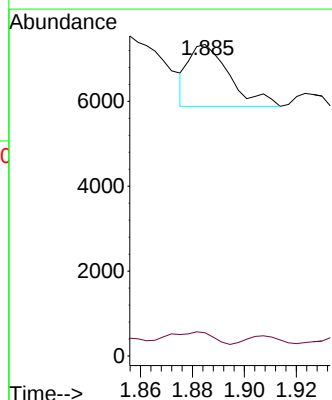
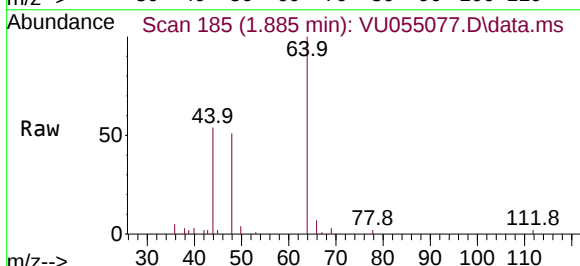
Acq: 02 Sep 2023 06:20

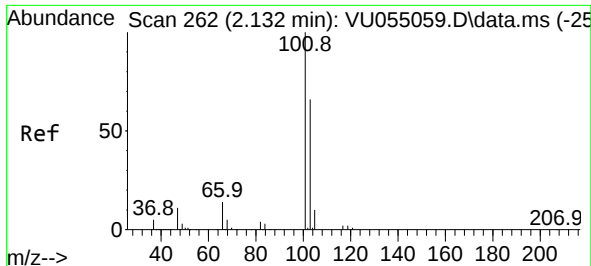
Tgt Ion: 64 Resp: 1581

Ion Ratio Lower Upper

64 100

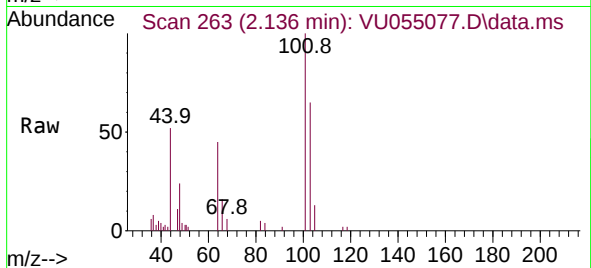
66 7.4 22.4 41.6#



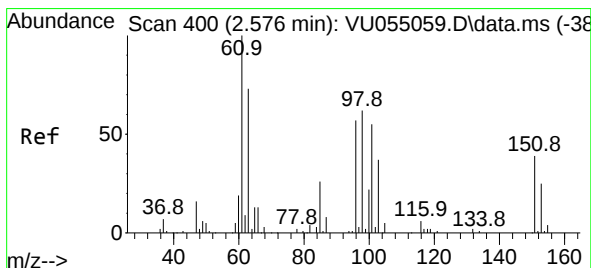
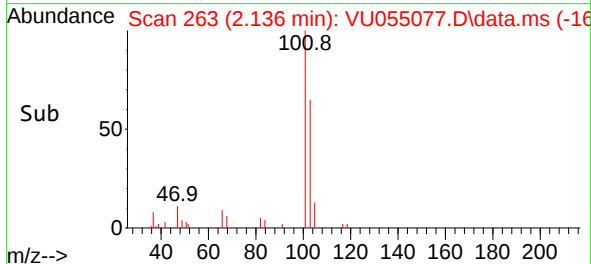
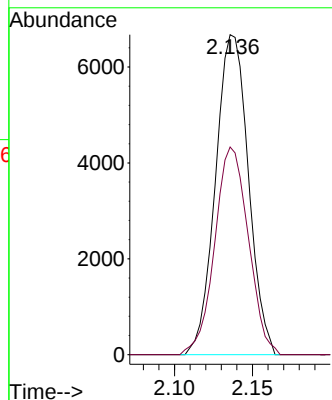


#9
 Trichlorofluoromethane
 Concen: 0.577 ug/L
 RT: 2.136 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU055077.D
 Acq: 02 Sep 2023 06:20

Instrument :
 MSVOA_U
 ClientSampleId :

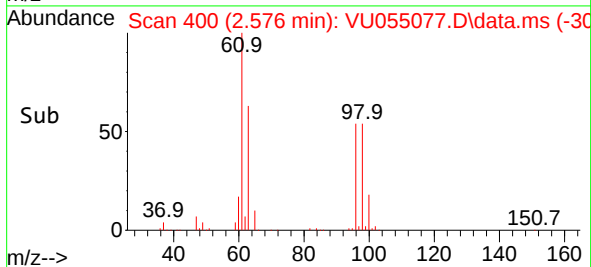
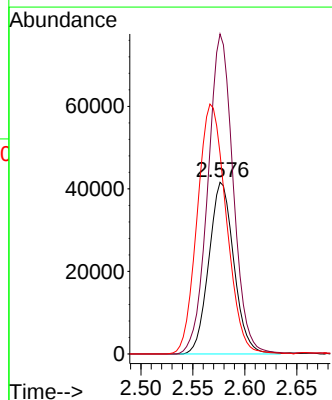
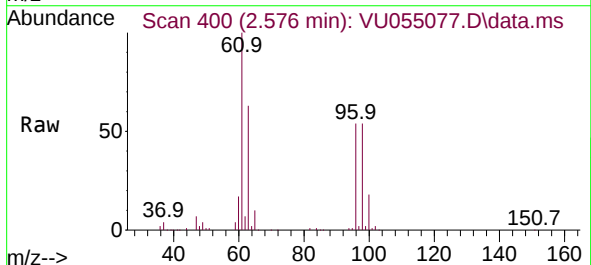


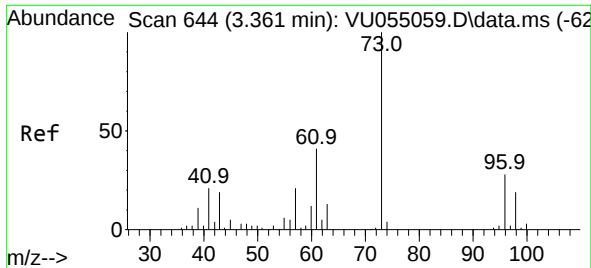
Tgt Ion:101 Resp: 9804
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.9 77.9



#12
 1,1-Dichloroethene
 Concen: 8.029 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055077.D
 Acq: 02 Sep 2023 06:20

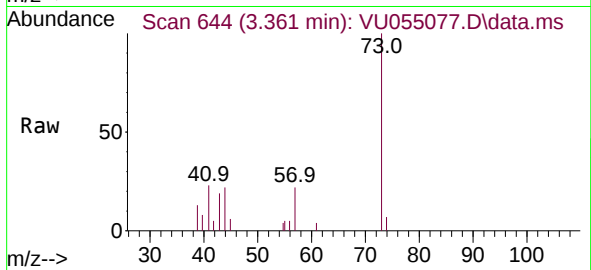
Tgt Ion: 96 Resp: 69501
 Ion Ratio Lower Upper
 96 100
 61 186.3 120.8 224.4
 63 116.8 94.5 175.5



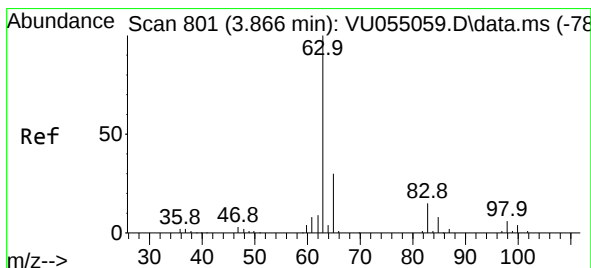
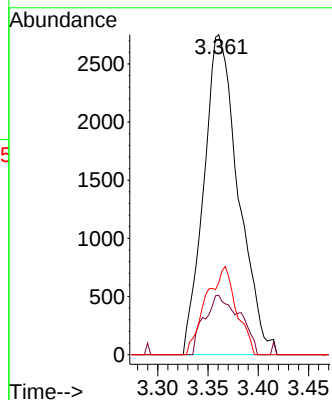
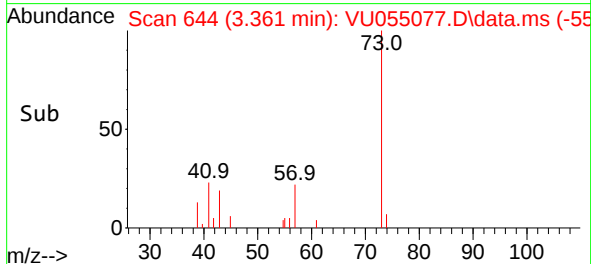


#17
Methyl tert-butyl Ether
Concen: 0.290 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055077.D
Acq: 02 Sep 2023 06:20

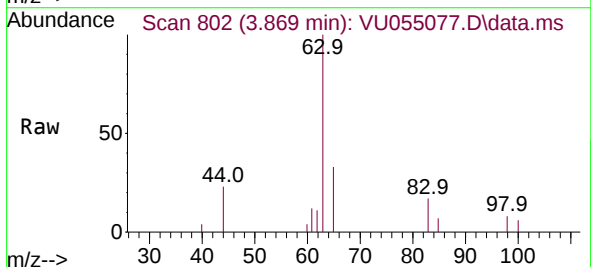
Instrument :
MSVOA_U
ClientSampleId :



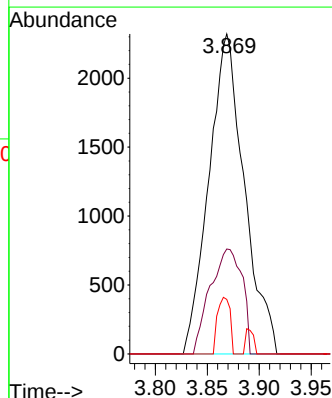
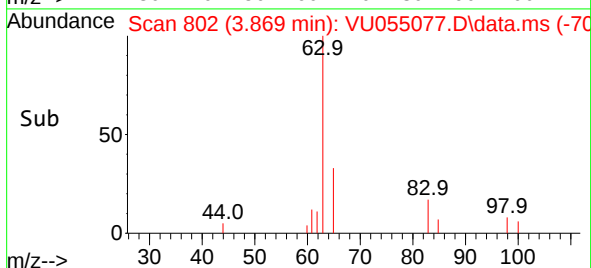
Tgt Ion: 73 Resp: 6589
Ion Ratio Lower Upper
73 100
43 19.0 16.2 24.2
57 24.2 17.4 26.2

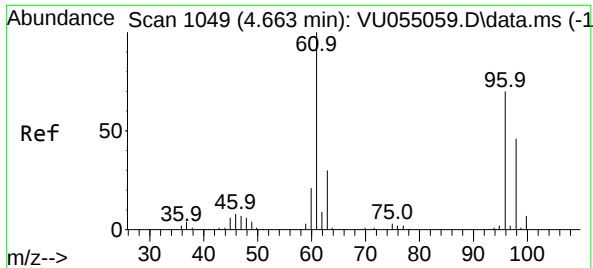


#19
1,1-Dichloroethane
Concen: 0.290 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055077.D
Acq: 02 Sep 2023 06:20



Tgt Ion: 63 Resp: 5500
Ion Ratio Lower Upper
63 100
65 32.8 22.2 41.2
83 17.1 10.6 19.8

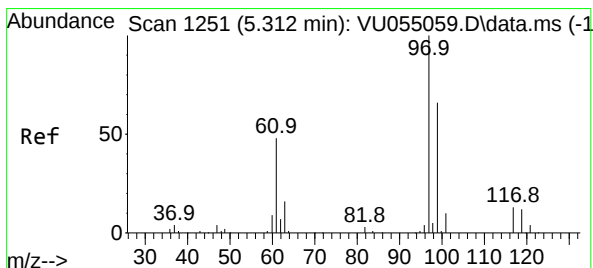
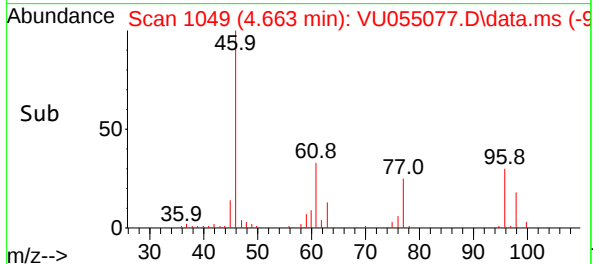
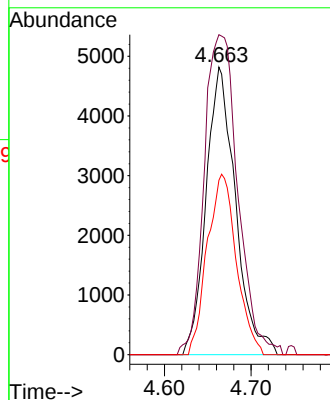
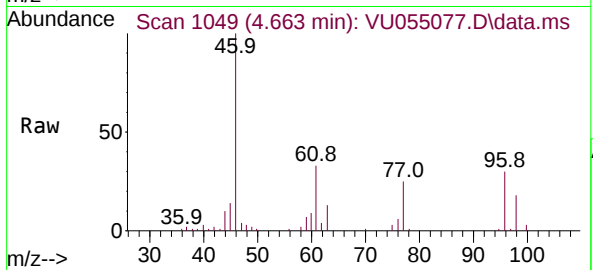




#22
 cis-1,2-Dichloroethene
 Concen: 1.057 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055077.D
 Acq: 02 Sep 2023 06:20

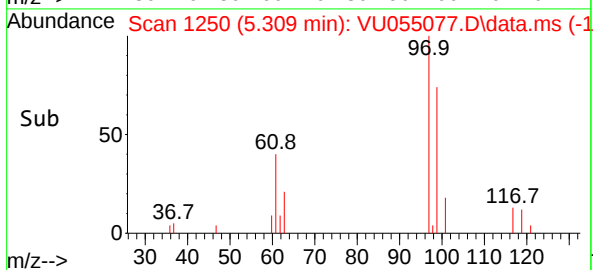
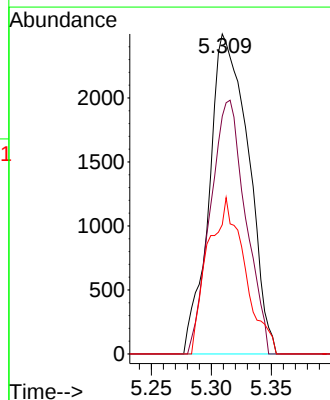
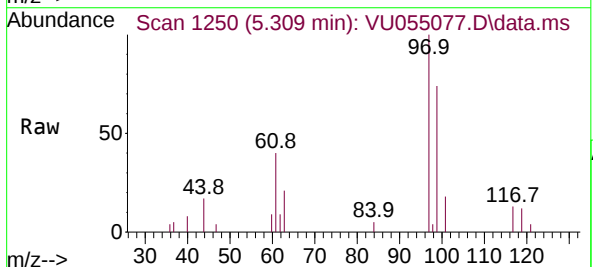
Instrument :
 MSVOA_U
 ClientSampleId :

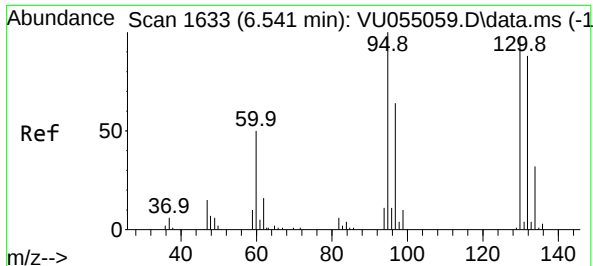
Tgt Ion:	96	Resp:	11362
Ion	Ratio	Lower	Upper
96	100		
61	111.3	97.2	180.4
98	60.6	46.1	85.7



#29
 1,1,1-Trichloroethane
 Concen: 0.349 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. -0.003 min
 Lab File: VU055077.D
 Acq: 02 Sep 2023 06:20

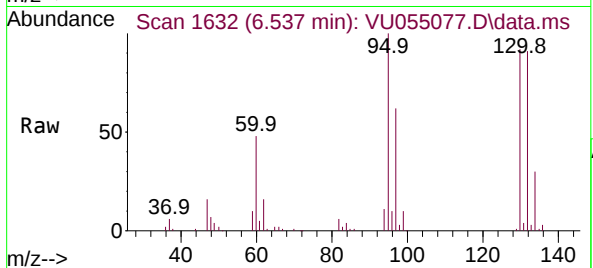
Tgt Ion:	97	Resp:	5660
Ion	Ratio	Lower	Upper
97	100		
99	71.7	51.8	77.8
61	46.2	36.8	55.2



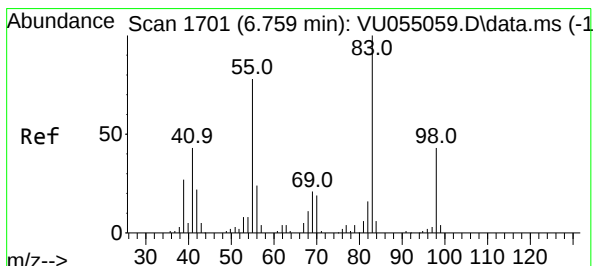
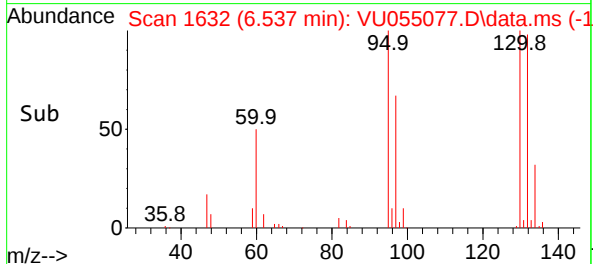
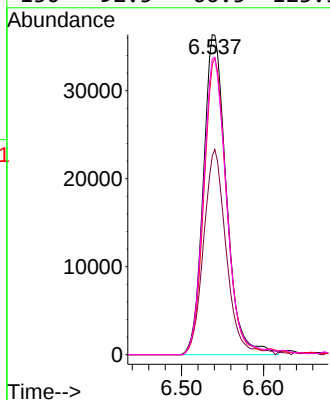


#34
Trichloroethene
Concen: 6.388 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU055077.D
Acq: 02 Sep 2023 06:20

Instrument :
MSVOA_U
ClientSampleId :

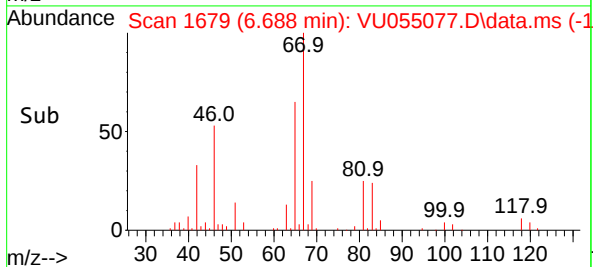
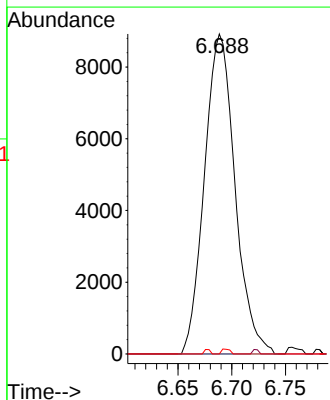
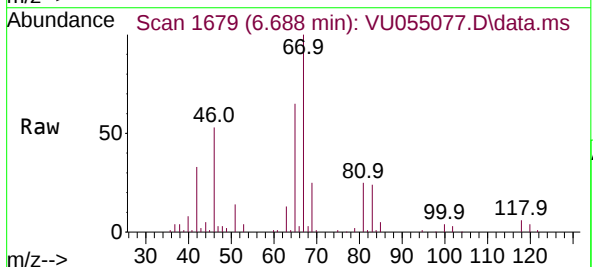


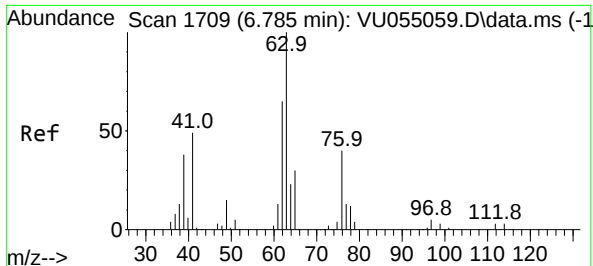
Tgt Ion: 95 Resp: 70862
Ion Ratio Lower Upper
95 100
97 62.1 44.7 83.1
132 90.8 66.6 123.6
130 92.5 66.5 123.5



#35
Methylcyclohexane
Concen: 1.133 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055077.D
Acq: 02 Sep 2023 06:20

Tgt Ion: 83 Resp: 17631
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 1.0 35.3 52.9#

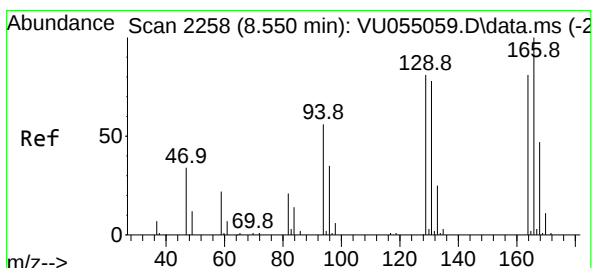
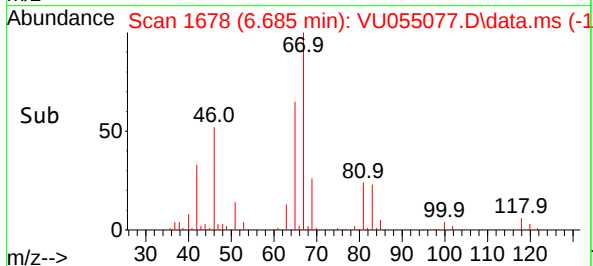
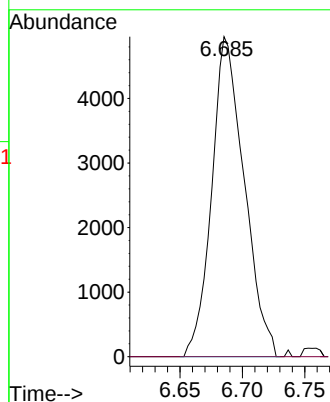
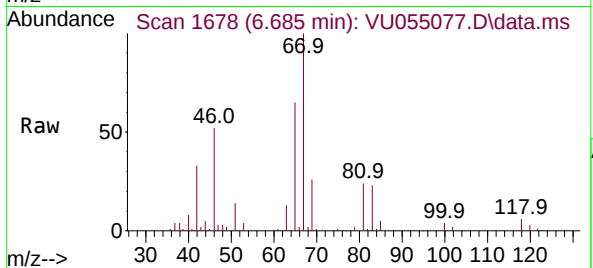




#37
1,2-Dichloropropane
Concen: 0.827 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU055077.D
Acq: 02 Sep 2023 06:20

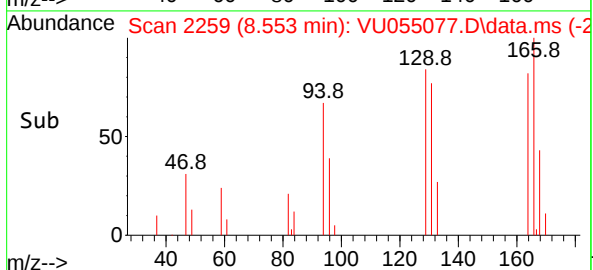
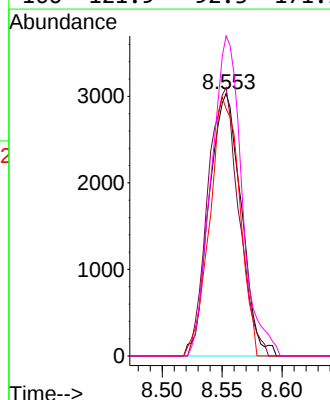
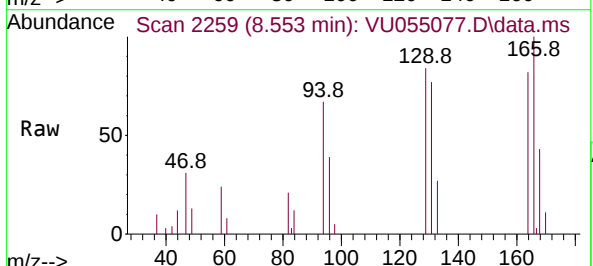
Instrument :
MSVOA_U
ClientSampleId :

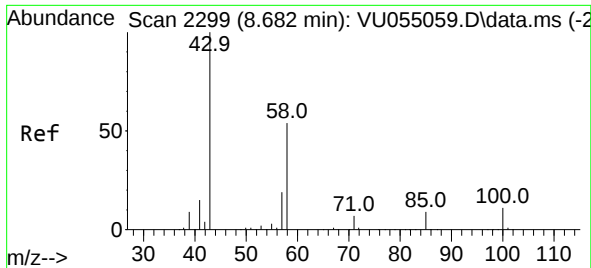
Tgt Ion: 63 Resp: 8986
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#



#47
Tetrachloroethene
Concen: 0.735 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055077.D
Acq: 02 Sep 2023 06:20

Tgt Ion:164 Resp: 5638
Ion Ratio Lower Upper
164 100
129 102.2 69.2 128.6
131 94.2 68.8 127.8
166 121.9 92.3 171.5

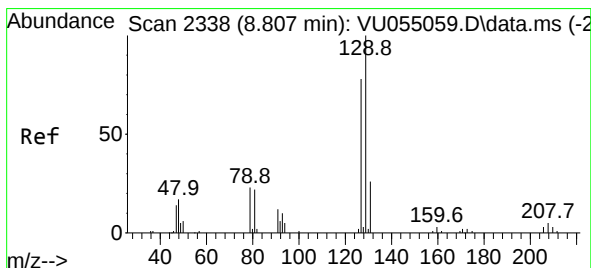
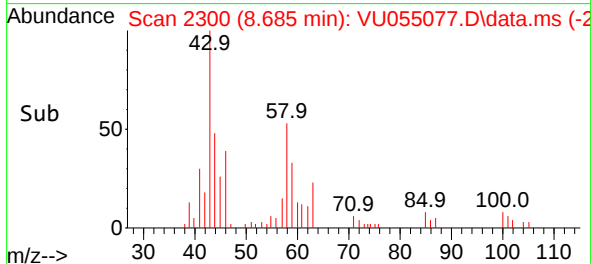
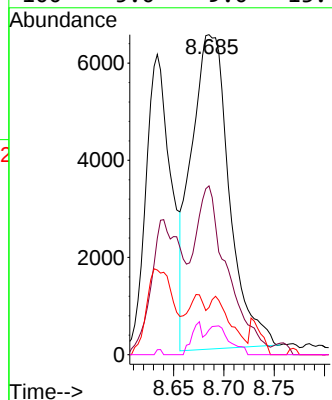
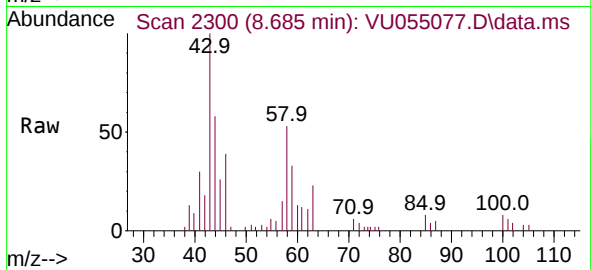




#48
2-Hexanone
Concen: 3.506 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055077.D
Acq: 02 Sep 2023 06:20

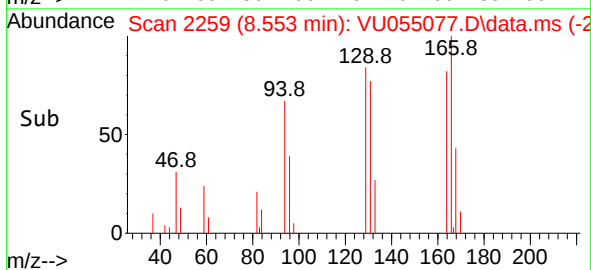
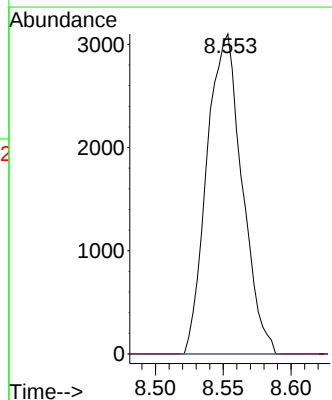
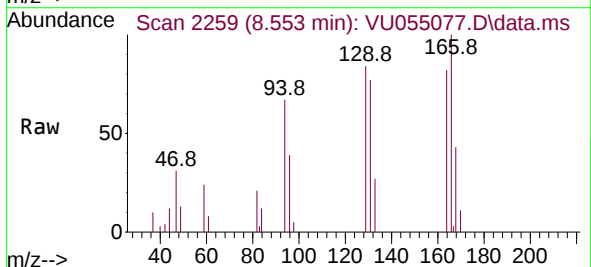
Instrument :
MSVOA_U
ClientSampleId :

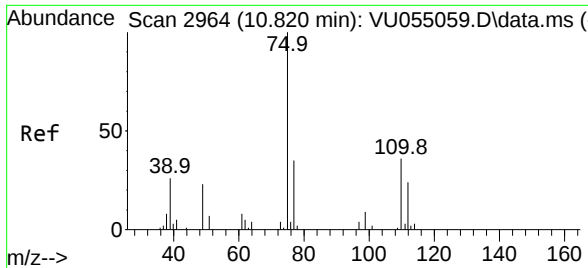
Tgt Ion: 43 Resp: 17023
Ion Ratio Lower Upper
43 100
58 47.0 44.0 66.0
57 10.7 16.2 24.2#
100 5.0 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.700 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055077.D
Acq: 02 Sep 2023 06:20

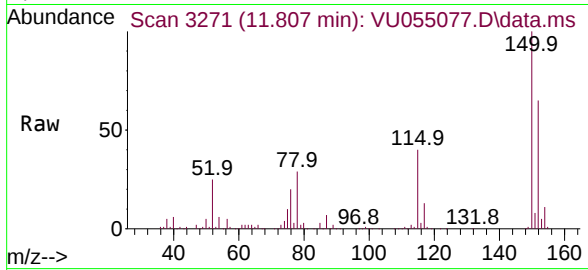
Tgt Ion: 129 Resp: 5591
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#





#61
1,2,3-Trichloropropane
Concen: 2.140 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU055077.D
Acq: 02 Sep 2023 06:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	13898
Ion	Ratio	Lower	Upper
75	100		
110	3.5	28.2	42.2#
77	34.3	26.2	39.4

