

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055104.D
 Acq On : 05 Sep 2023 19:15
 Operator : MD/SY
 Sample : 04250-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

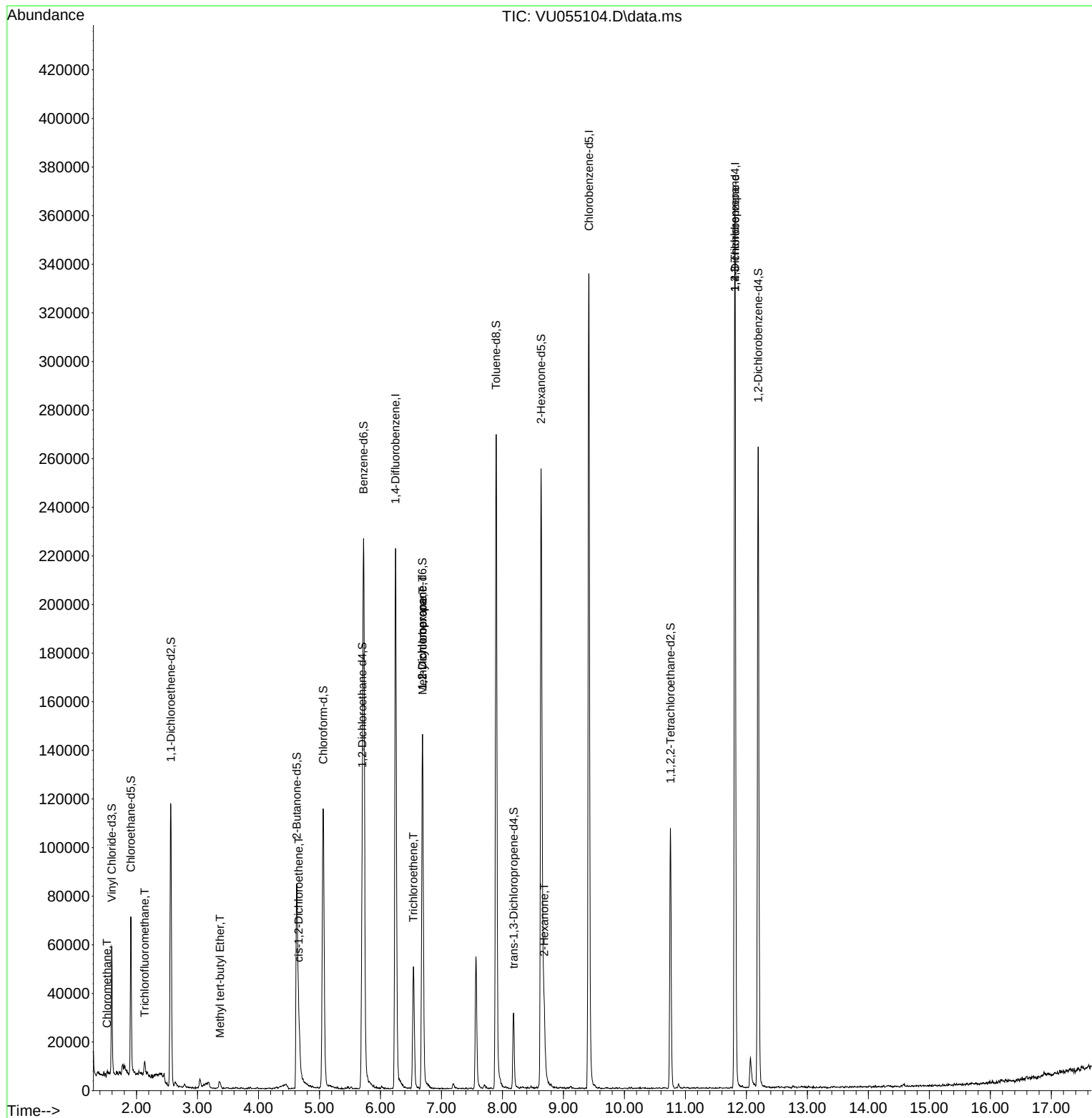
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174930	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	181716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	92070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36530	4.456	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.200%	
7) Chloroethane-d5	1.907	69	43411	4.574	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.563	65	22595	4.837	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.800%	
20) 2-Butanone-d5	4.628	46	131205	55.147	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.300%	
24) Chloroform-d	5.062	84	105635	4.856	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.701	65	55993	5.144	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	5.724	84	207791	4.633	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
36) 1,2-Dichloropropane-d6	6.689	67	70900	4.970	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.897	98	181330	4.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	8.184	79	18172	4.625	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.634	63	83146	52.128	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.260%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51922	5.175	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	66676	4.961	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						Qvalue
3) Chloromethane	1.518	50	1572	0.152	ug/L #	76
9) Trichlorofluoromethane	2.136	101	3027	0.191	ug/L	89
17) Methyl tert-butyl Ether	3.367	73	3286	0.155	ug/L #	93
22) cis-1,2-Dichloroethene	4.660	96	2095	0.209	ug/L	96
34) Trichloroethene	6.541	95	16873	1.570	ug/L	99
35) Methylcyclohexane	6.692	83	16165	1.072	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	8094	0.769	ug/L #	88
48) 2-Hexanone	8.685	43	15992	3.399	ug/L #	93
61) 1,2,3-Trichloropropane	11.810	75	12362	2.023	ug/L #	67

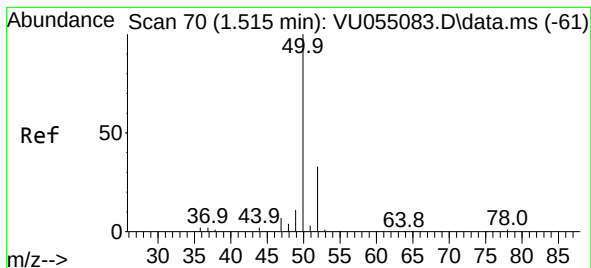
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.152 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU055104.D

Acq: 05 Sep 2023 19:15

Instrument :

MSVOA_U

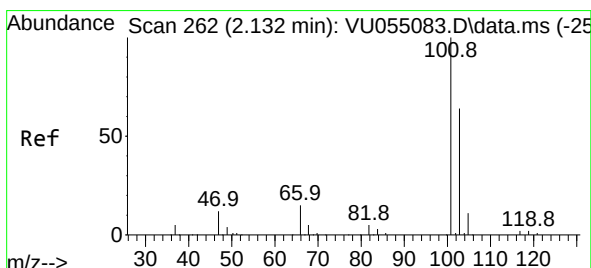
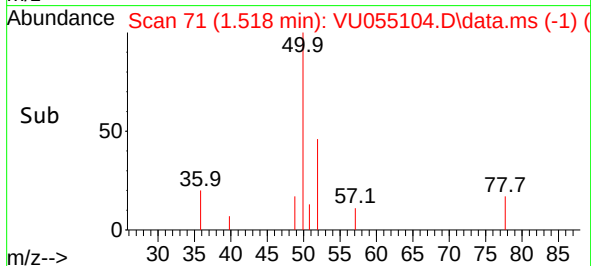
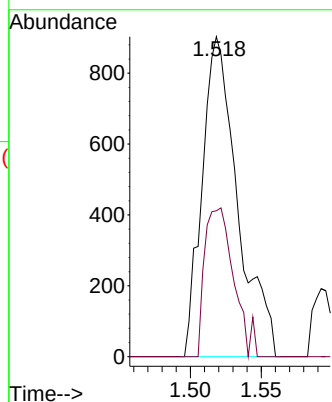
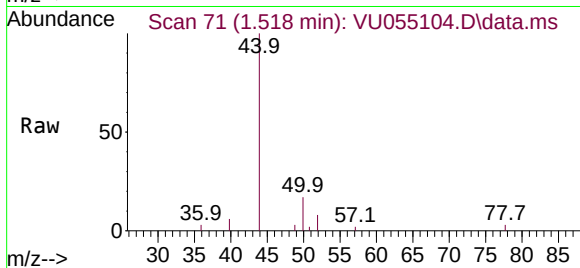
ClientSampleId :

Tgt Ion: 50 Resp: 1572

Ion Ratio Lower Upper

50 100

52 45.6 22.5 41.7#



#9

Trichlorofluoromethane

Concen: 0.191 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.003 min

Lab File: VU055104.D

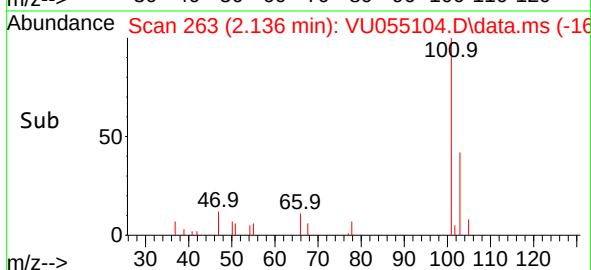
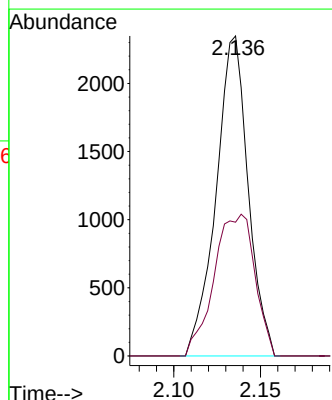
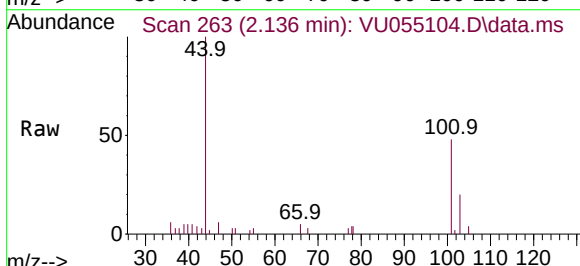
Acq: 05 Sep 2023 19:15

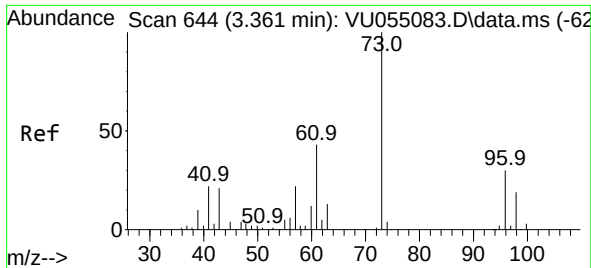
Tgt Ion: 101 Resp: 3027

Ion Ratio Lower Upper

101 100

103 56.3 51.9 77.9

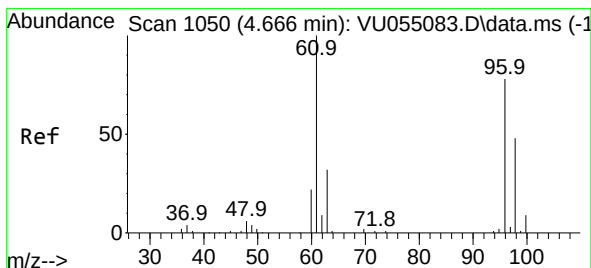
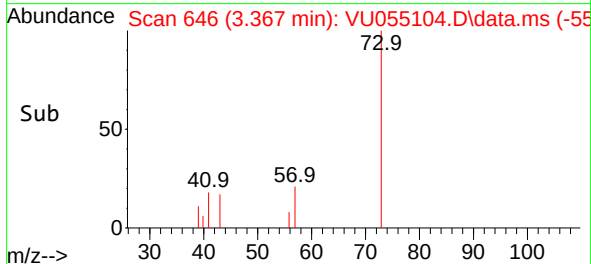
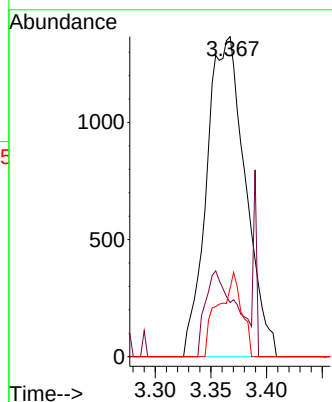
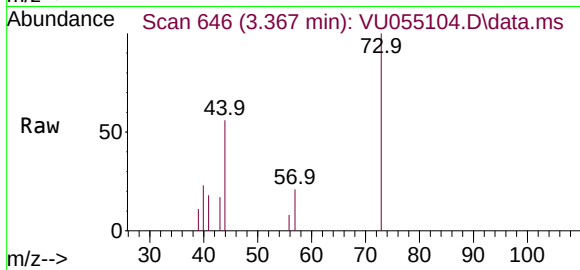




#17
Methyl tert-butyl Ether
Concen: 0.155 ug/L
RT: 3.367 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU055104.D
Acq: 05 Sep 2023 19:15

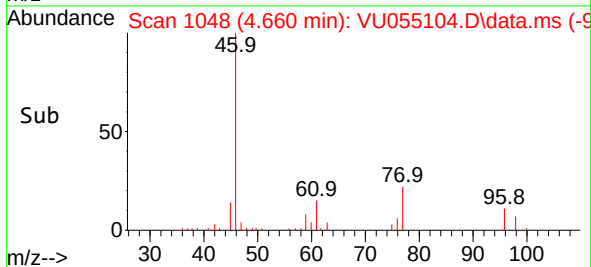
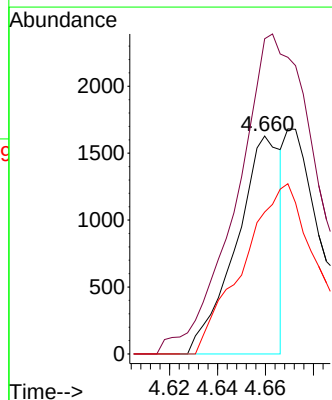
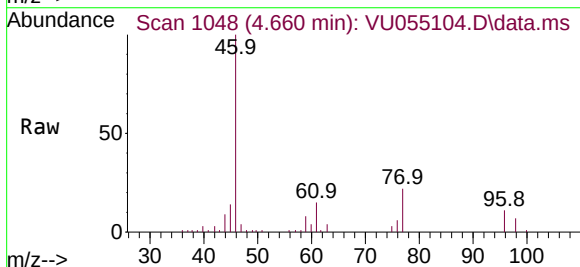
Instrument :
MSVOA_U
ClientSampleId :

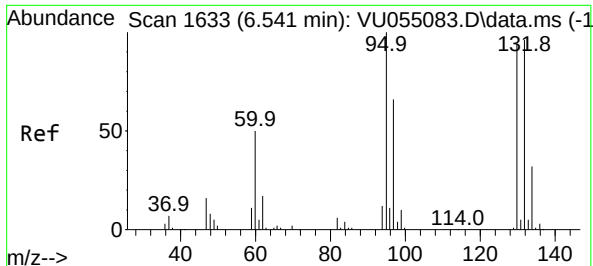
Tgt Ion: 73 Resp: 3286
Ion Ratio Lower Upper
73 100
43 20.4 16.2 24.2
57 15.9 17.4 26.2#



#22
cis-1,2-Dichloroethene
Concen: 0.209 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.006 min
Lab File: VU055104.D
Acq: 05 Sep 2023 19:15

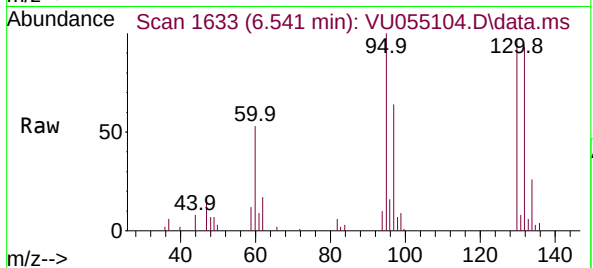
Tgt Ion: 96 Resp: 2095
Ion Ratio Lower Upper
96 100
61 144.7 97.2 180.4
98 65.1 46.1 85.7



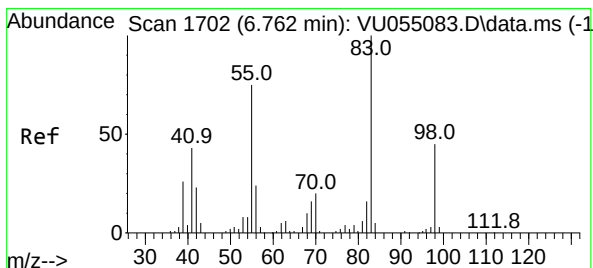
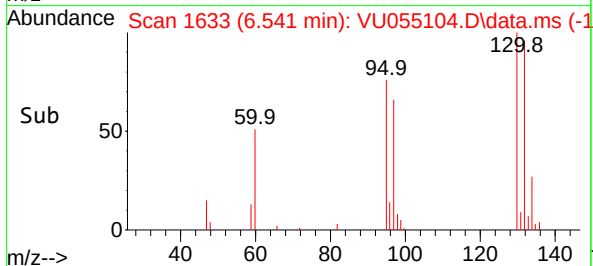
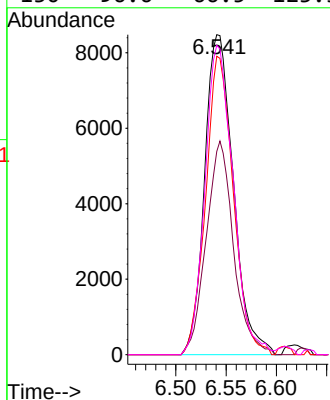


#34
Trichloroethene
Concen: 1.570 ug/L
RT: 6.541 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VU055104.D
Acq: 05 Sep 2023 19:15

Instrument :
MSVOA_U
ClientSampleId :

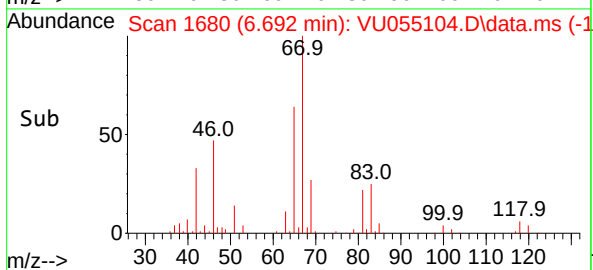
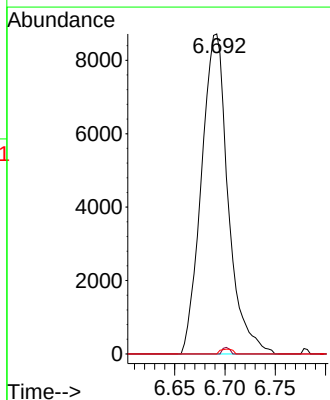
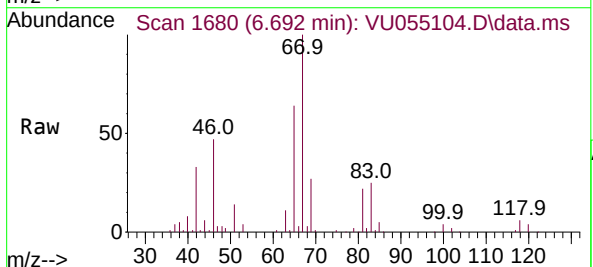


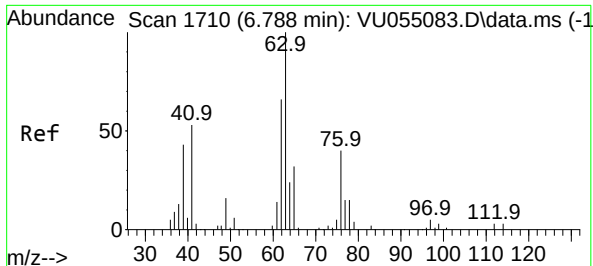
Tgt Ion:	95	Resp:	16873
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.7	83.1
132	93.2	66.6	123.6
130	96.6	66.5	123.5



#35
Methylcyclohexane
Concen: 1.072 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.071 min
Lab File: VU055104.D
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Tgt Ion:	83	Resp:	16165
Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.4	90.6#
98	0.7	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.769 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055104.D

Acq: 05 Sep 2023 19:15

Instrument :

MSVOA_U

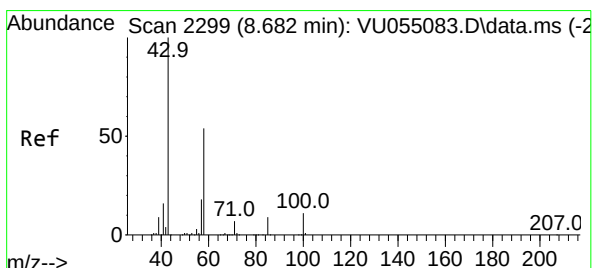
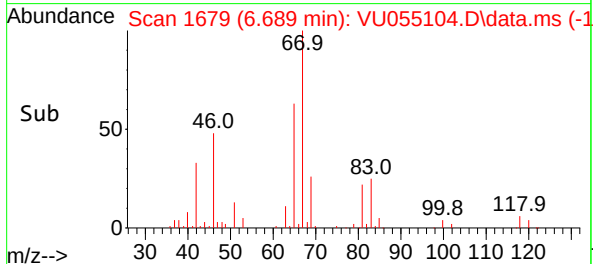
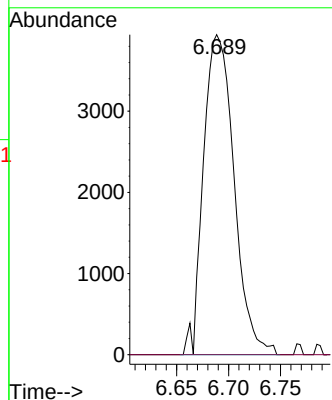
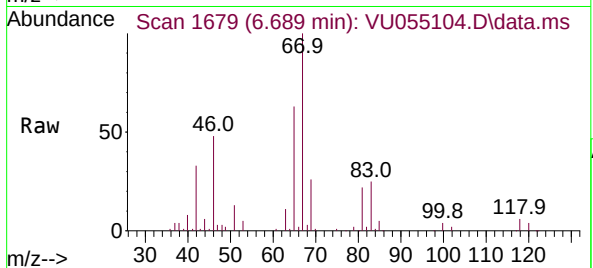
ClientSampleId :

Tgt Ion: 63 Resp: 8094

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#48

2-Hexanone

Concen: 3.399 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055104.D

Acq: 05 Sep 2023 19:15

Tgt Ion: 43 Resp: 15992

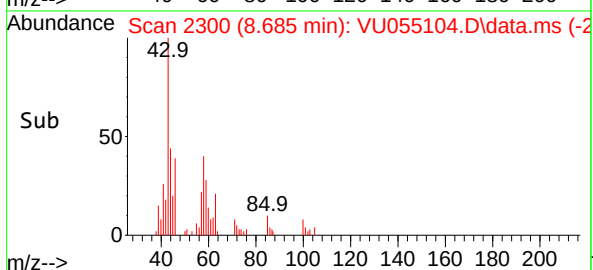
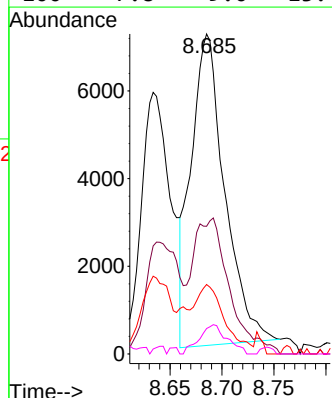
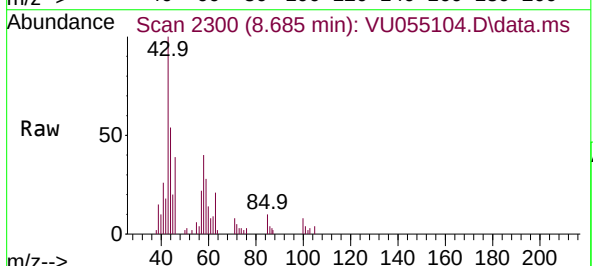
Ion Ratio Lower Upper

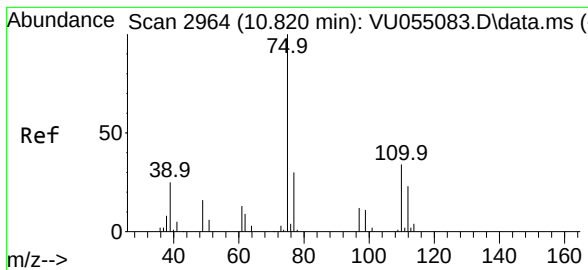
43 100

58 48.3 44.0 66.0

57 19.4 16.2 24.2

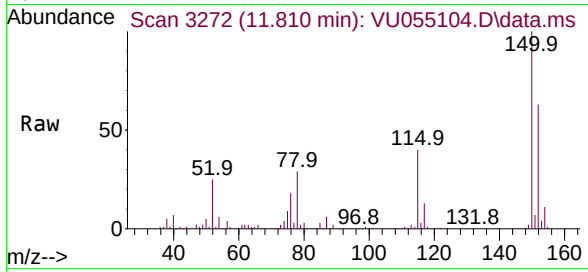
100 7.8 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.023 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055104.D
 Acq: 05 Sep 2023 19:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.4	28.2	42.2#
77	38.1	26.2	39.4

