

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055103.D
 Acq On : 05 Sep 2023 18:50
 Operator : MD/SY
 Sample : 04250-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

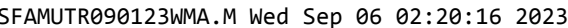
Quant Time: Sep 06 02:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

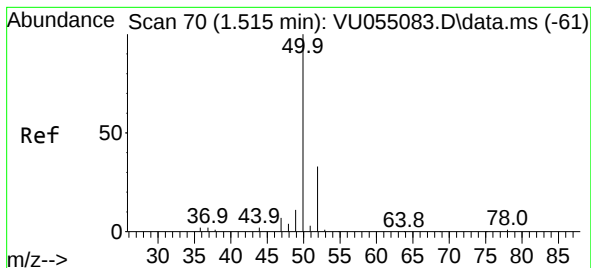
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177754	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	181615	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	94686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37673	4.522	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.400%	
7) Chloroethane-d5	1.907	69	42800	4.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.560	65	21862	4.606	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.200%	
20) 2-Butanone-d5	4.627	46	134051	55.448	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.900%	
24) Chloroform-d	5.058	84	107382	4.857	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.701	65	56450	5.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
32) Benzene-d6	5.724	84	210260	4.690	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.688	67	71050	4.983	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.897	98	188142	4.556	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	8.180	79	18118	4.614	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.200%	
46) 2-Hexanone-d5	8.634	63	81278	50.985	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.980%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	53369	5.322	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	68184	4.933	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3463	0.329	ug/L	84
9) Trichlorofluoromethane	2.132	101	5655	0.351	ug/L	98
12) 1,1-Dichloroethene	2.573	96	2525	0.307	ug/L #	1
17) Methyl tert-butyl Ether	3.367	73	4679	0.217	ug/L #	86
22) cis-1,2-Dichloroethene	4.663	96	4921	0.482	ug/L	83
34) Trichloroethene	6.541	95	30844	2.871	ug/L	93
35) Methylcyclohexane	6.688	83	15528	1.030	ug/L #	28
37) 1,2-Dichloropropane	6.688	63	8229	0.782	ug/L #	88
48) 2-Hexanone	8.685	43	14596	3.104	ug/L #	93
61) 1,2,3-Trichloropropane	11.814	75	13012	2.071	ug/L #	70

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 02:14:32 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.329 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU055103.D

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Instrument :

MSVOA_U

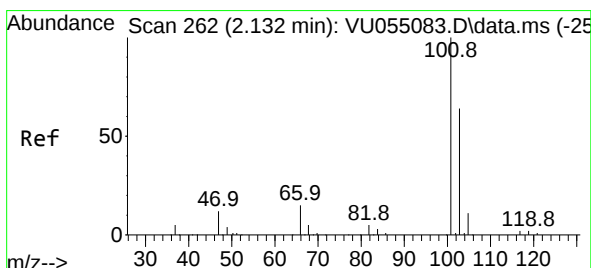
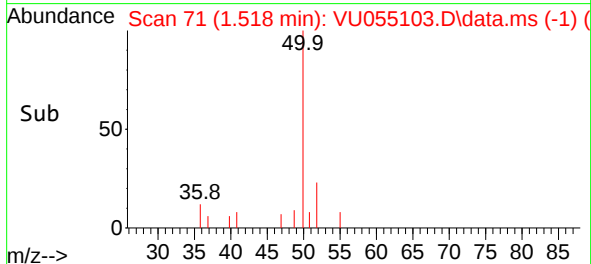
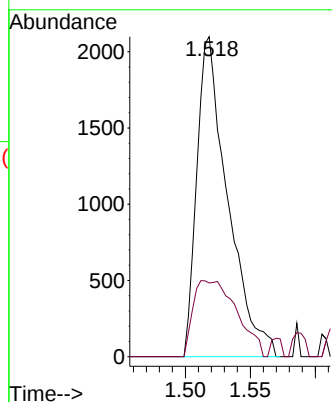
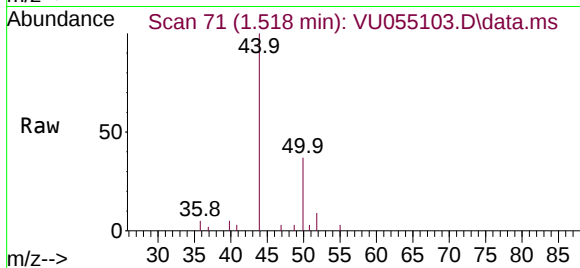
ClientSampleId :

Tgt Ion: 50 Resp: 3463

Ion Ratio Lower Upper

50 100

52 23.1 22.5 41.7



#9

Trichlorofluoromethane

Concen: 0.351 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU055103.D

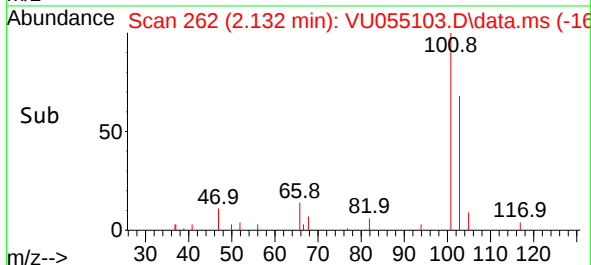
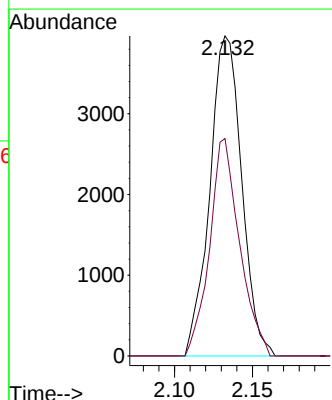
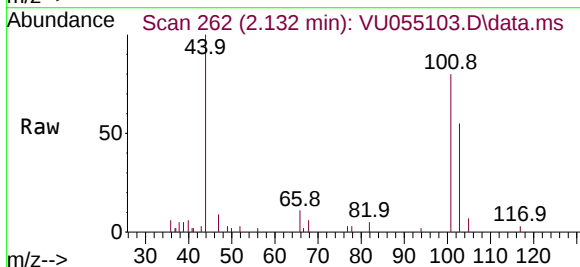
Acq: 05 Sep 2023 18:50

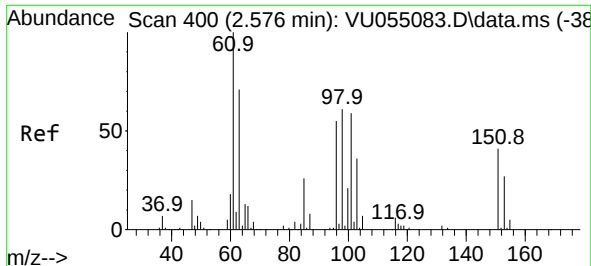
Tgt Ion: 101 Resp: 5655

Ion Ratio Lower Upper

101 100

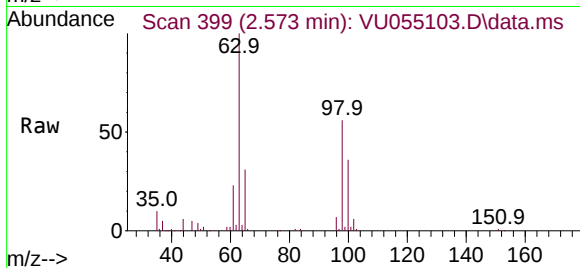
103 63.7 51.9 77.9



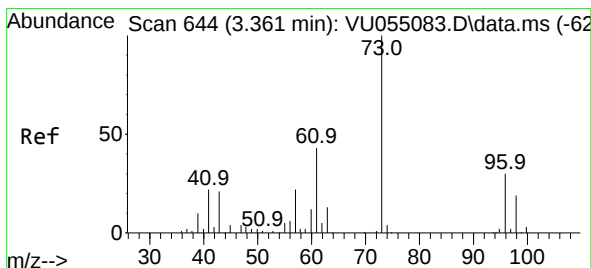
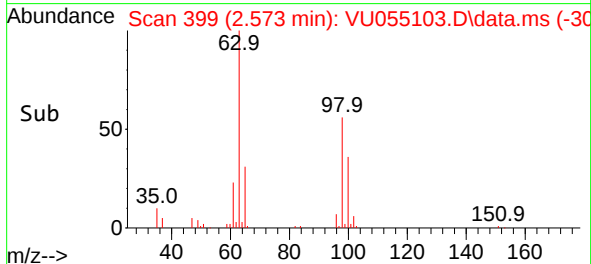
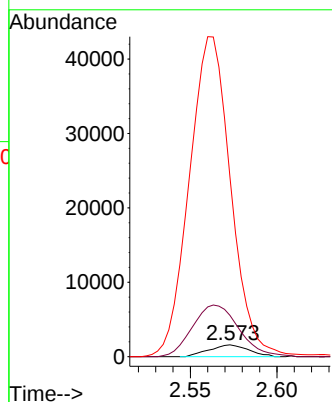


#12
 1,1-Dichloroethene
 Concen: 0.307 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU055103.D
 Acq: 05 Sep 2023 18:50

Instrument :
 MSVOA_U
 ClientSampleId :

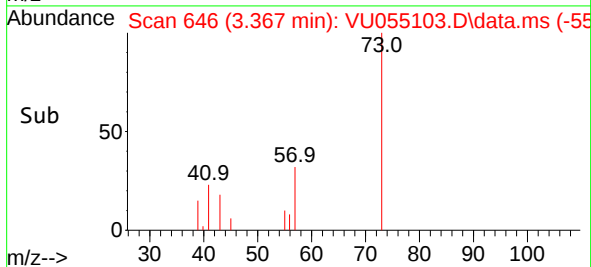
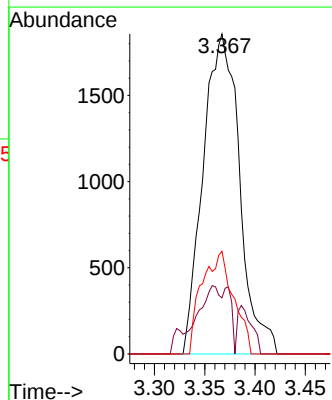
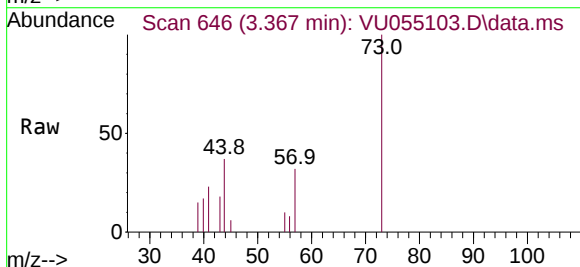


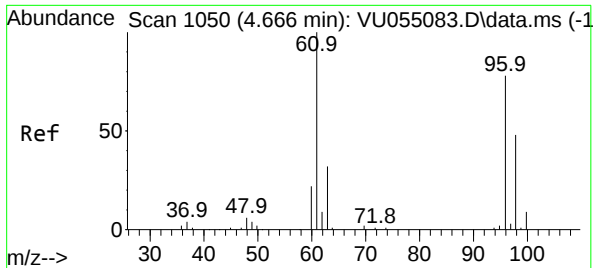
Tgt Ion: 96 Resp: 2525
 Ion Ratio Lower Upper
 96 100
 61 350.3 120.8 224.4#
 63 1522.8 94.5 175.5#



#17
 Methyl tert-butyl Ether
 Concen: 0.217 ug/L
 RT: 3.367 min Scan# 646
 Delta R.T. 0.006 min
 Lab File: VU055103.D
 Acq: 05 Sep 2023 18:50

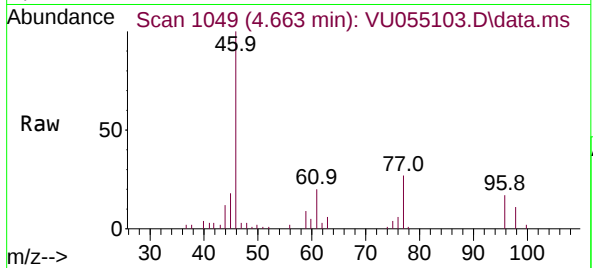
Tgt Ion: 73 Resp: 4679
 Ion Ratio Lower Upper
 73 100
 43 13.6 16.2 24.2#
 57 27.9 17.4 26.2#





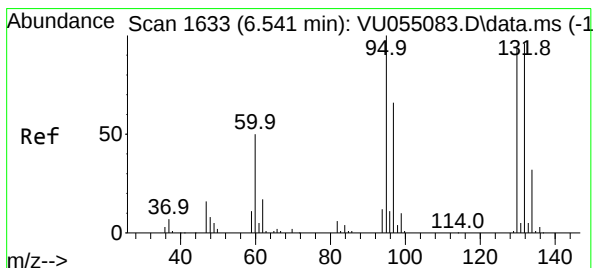
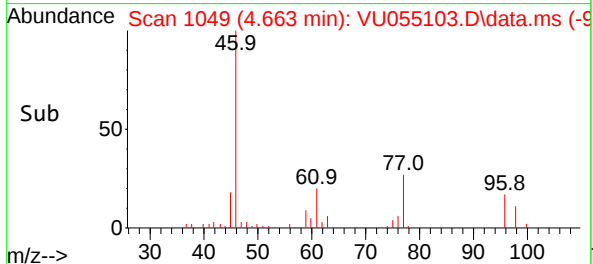
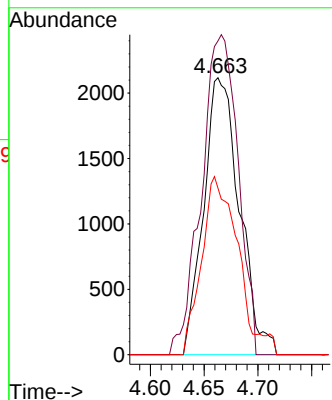
#22
 cis-1,2-Dichloroethene
 Concen: 0.482 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055103.D
 Acq: 05 Sep 2023 18:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 4921

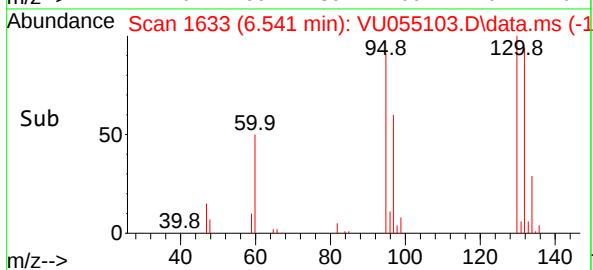
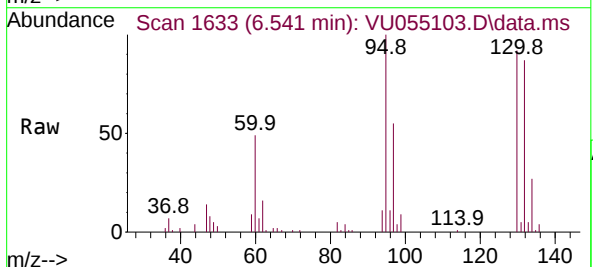
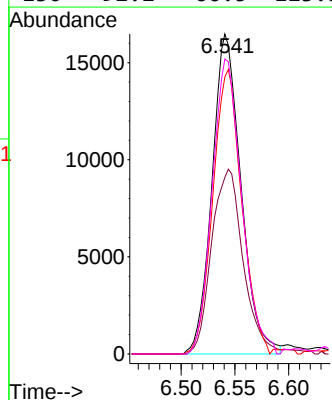
Ion	Ratio	Lower	Upper
96	100		
61	113.3	97.2	180.4
98	60.2	46.1	85.7

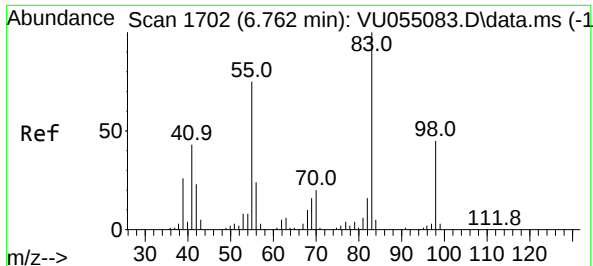


#34
 Trichloroethene
 Concen: 2.871 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055103.D
 Acq: 05 Sep 2023 18:50

Tgt Ion: 95 Resp: 30844

Ion	Ratio	Lower	Upper
95	100		
97	55.2	44.7	83.1
132	86.5	66.6	123.6
130	92.2	66.5	123.5





#35

Methylcyclohexane

Concen: 1.030 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU055103.D

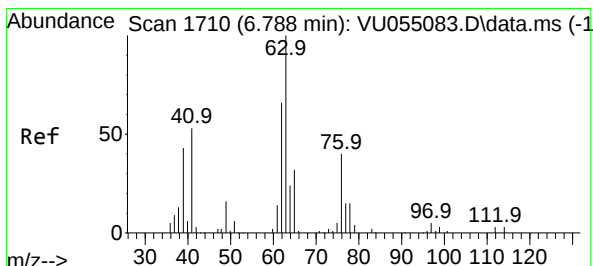
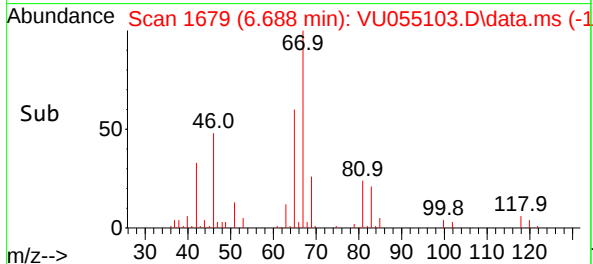
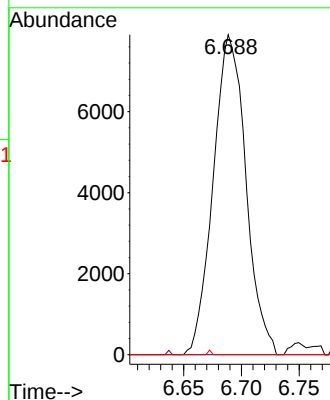
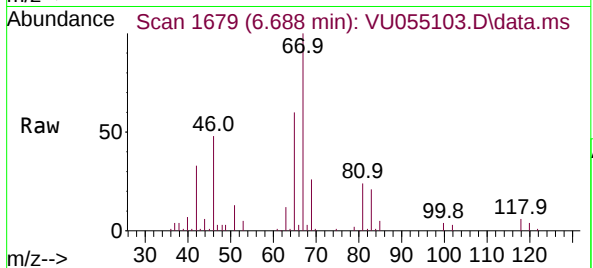
Acq: 05 Sep 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 15528
Ion Ratio	Lower Upper
83 100	
55 0.1	60.4 90.6#
98 15.3	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.782 ug/L

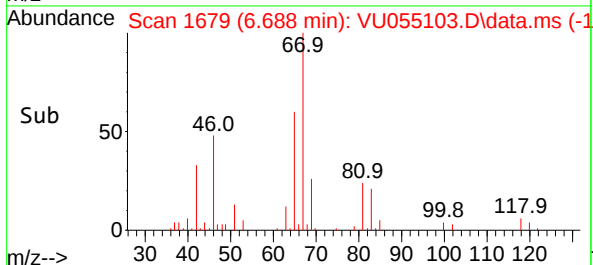
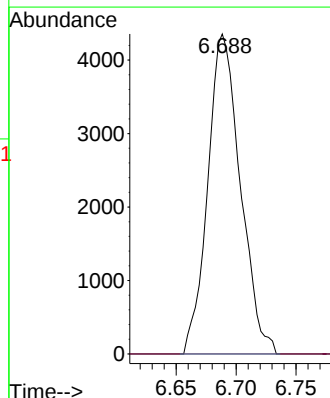
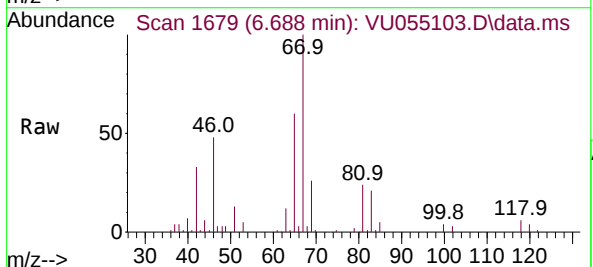
RT: 6.688 min Scan# 1679

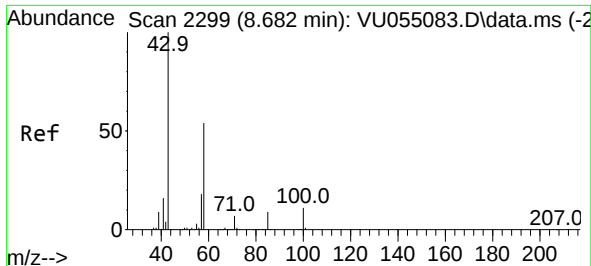
Delta R.T. -0.100 min

Lab File: VU055103.D

Acq: 05 Sep 2023 18:50

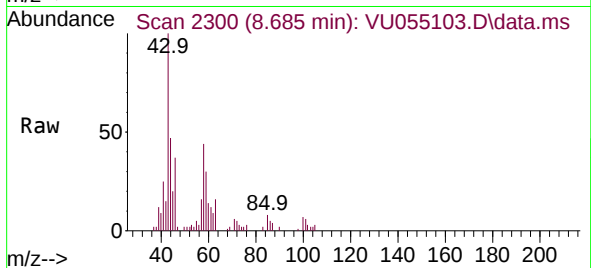
Tgt Ion: 63	Resp: 8229
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#



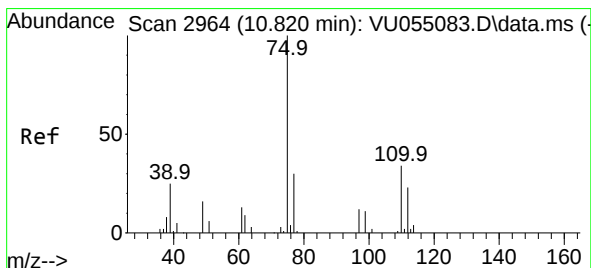
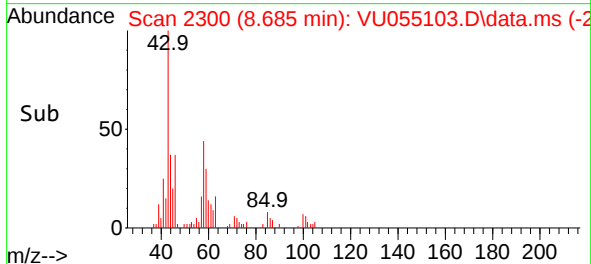
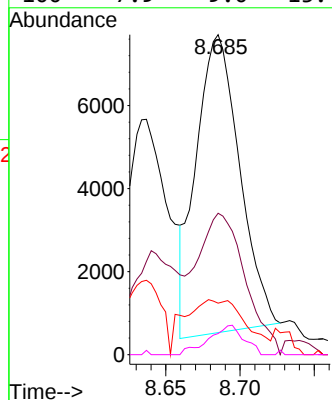


#48
2-Hexanone
Concen: 3.104 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055103.D
Acq: 05 Sep 2023 18:50

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	14596
Ion	Ratio	Lower	Upper
43	100		
58	52.0	44.0	66.0
57	14.7	16.2	24.2#
100	7.9	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 2.071 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.994 min
Lab File: VU055103.D
Acq: 05 Sep 2023 18:50

Tgt Ion:	75	Resp:	13012
Ion	Ratio	Lower	Upper
75	100		
110	2.4	28.2	42.2#
77	33.8	26.2	39.4

