

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100423\
 Data File : VU055659.D
 Acq On : 04 Oct 2023 15:29
 Operator : MD/SY
 Sample : 04743-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 23:02:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 23:00:34 2023
 Response via : Initial Calibration

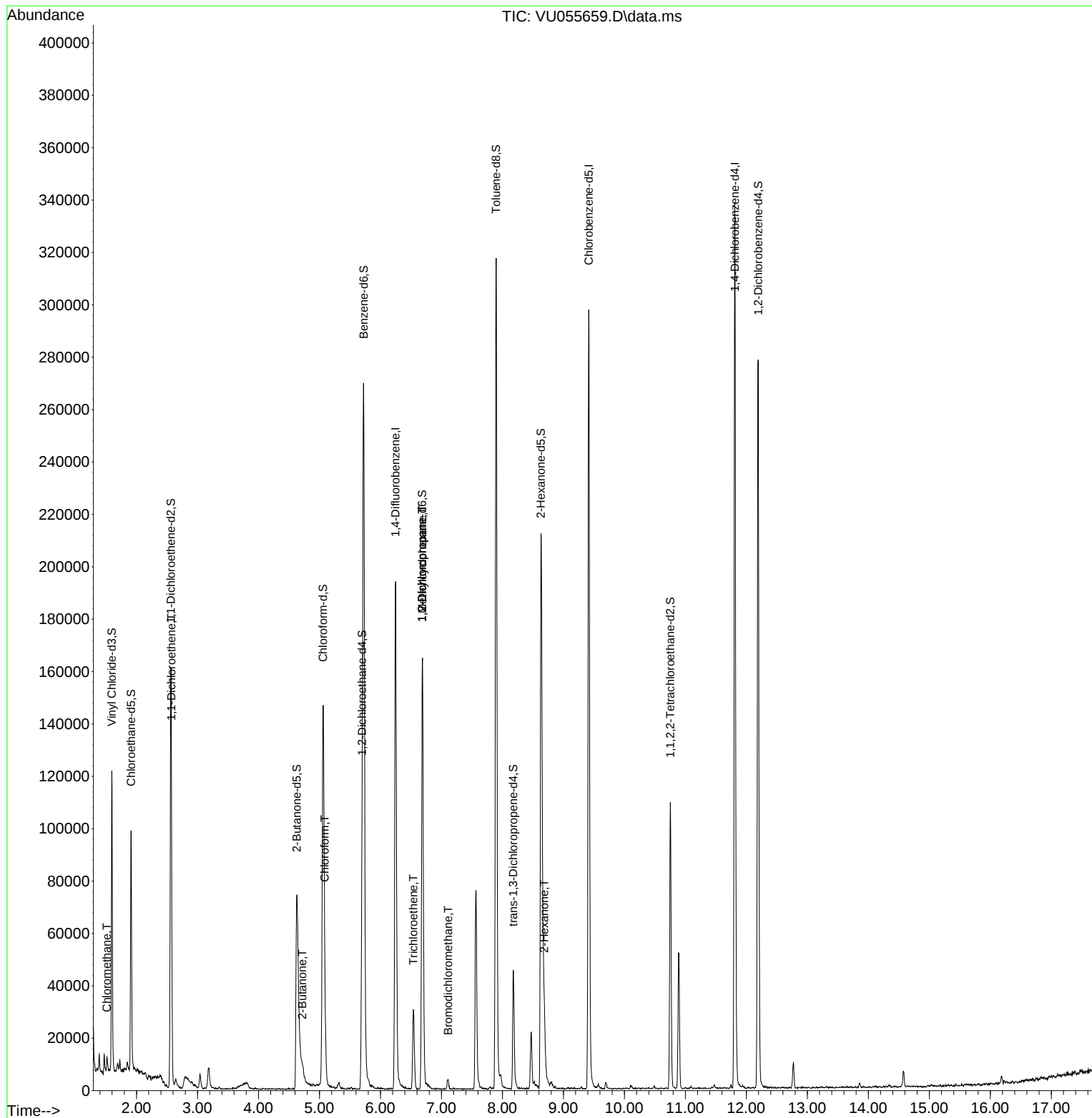
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	155704	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	170121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	86576	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	78383	4.981	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.910	69	64157	4.626	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.563	65	29766	4.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.627	46	124040	43.638	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.280%
24) Chloroform-d	5.058	84	130849	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.698	65	61821	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.724	84	256215	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.685	67	79666	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.897	98	221832	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.177	79	26417	4.234	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.630	63	68140	35.905	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.800%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	54192	4.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	75330	4.311	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
3) Chloromethane	1.515	50	3811	0.286	ug/L	98
12) 1,1-Dichloroethene	2.573	96	1468	0.135	ug/L #	1
21) 2-Butanone	4.717	43	6252	2.631	ug/L #	65
25) Chloroform	5.084	83	19924	0.927	ug/L	94
34) Trichloroethene	6.541	95	10204	0.737	ug/L	93
35) Methylcyclohexane	6.688	83	18495	0.927	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	8540	0.667	ug/L #	88
38) Bromodichloromethane	7.110	83	3042	0.203	ug/L #	92
48) 2-Hexanone	8.685	43	16239	3.607	ug/L #	82

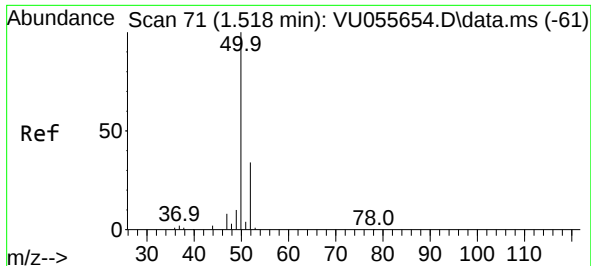
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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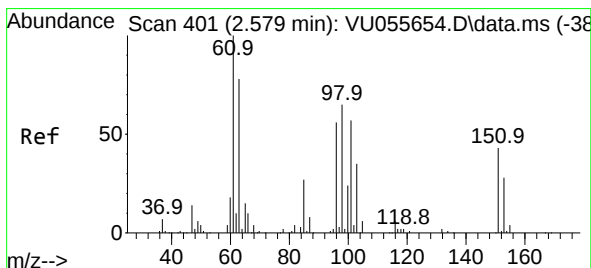
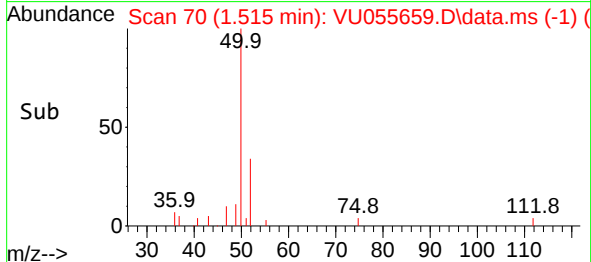
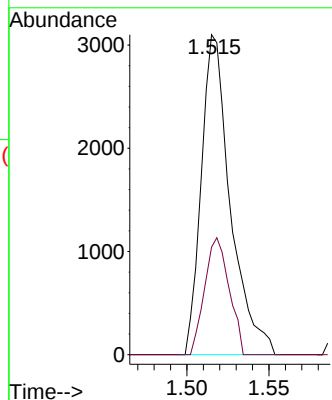
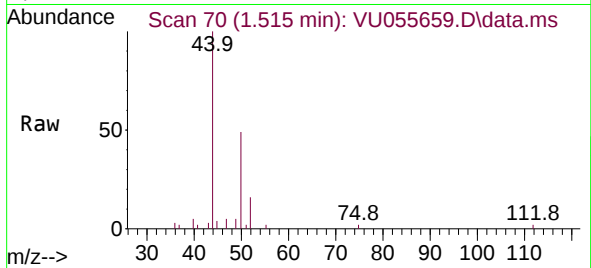




#3
Chloromethane
Concen: 0.286 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU055659.D
Acq: 04 Oct 2023 15:29

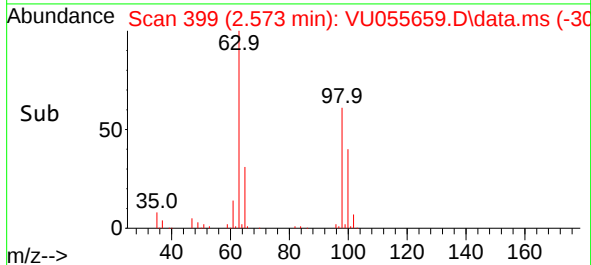
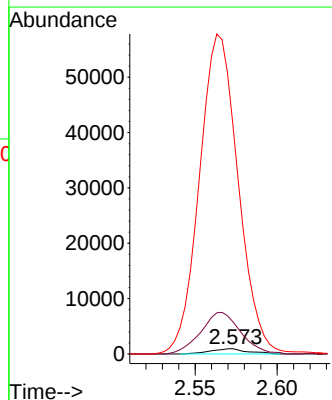
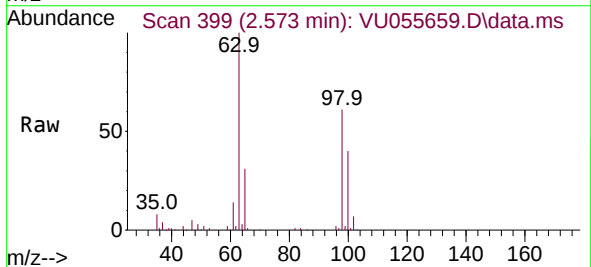
Instrument :
MSVOA_U
ClientSampleId :

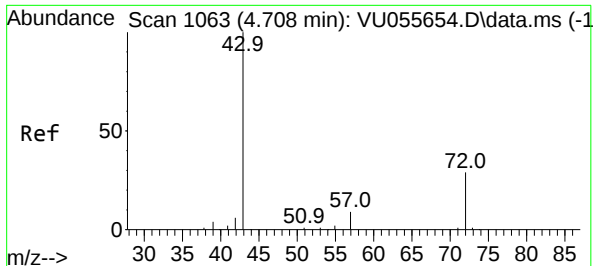
Tgt Ion: 50 Resp: 3811
Ion Ratio Lower Upper
50 100
52 33.6 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.135 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.007 min
Lab File: VU055659.D
Acq: 04 Oct 2023 15:29

Tgt Ion: 96 Resp: 1468
Ion Ratio Lower Upper
96 100
61 623.8 114.5 212.7#
63 4440.8 98.3 182.5#





#21

2-Butanone

Concen: 2.631 ug/L

RT: 4.717 min Scan# 1106

Delta R.T. 0.010 min

Lab File: VU055659.D

Acq: 04 Oct 2023 15:29

Instrument :

MSVOA_U

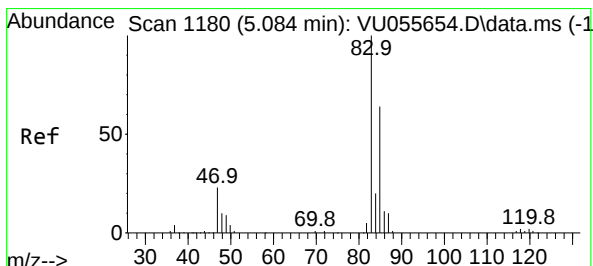
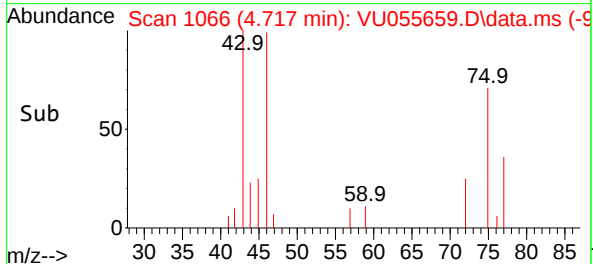
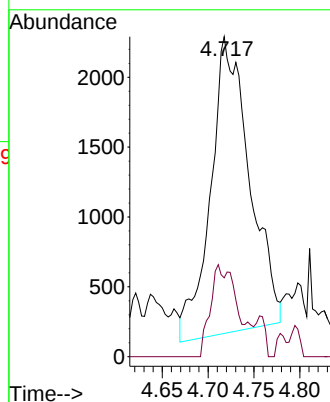
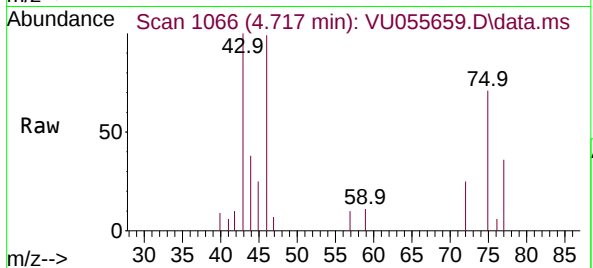
ClientSampleId :

Tgt Ion: 43 Resp: 6252

Ion Ratio Lower Upper

43 100

72 11.0 15.1 45.3#



#25

Chloroform

Concen: 0.927 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055659.D

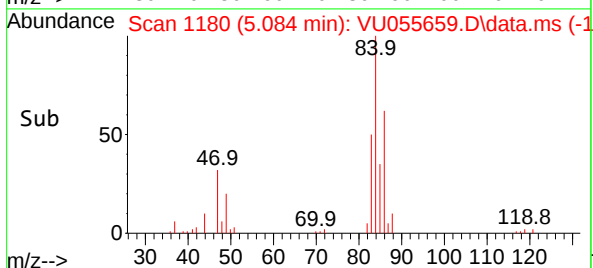
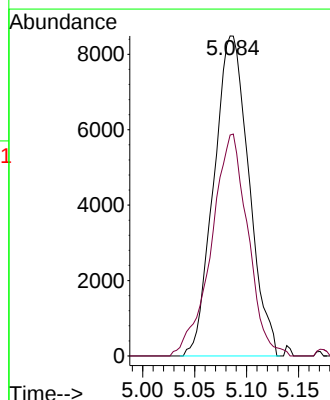
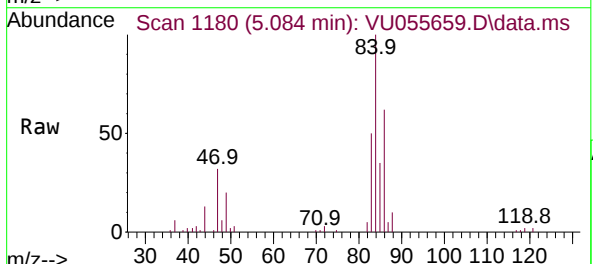
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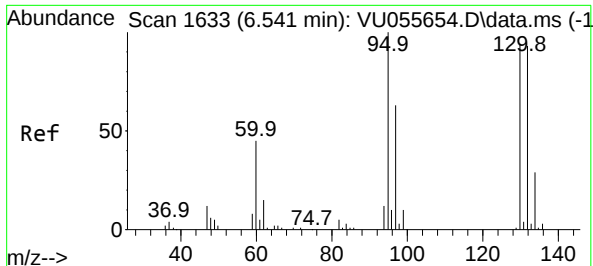
Tgt Ion: 83 Resp: 19924

Ion Ratio Lower Upper

83 100

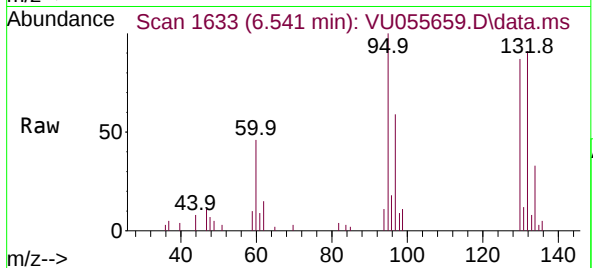
85 69.0 44.9 83.5



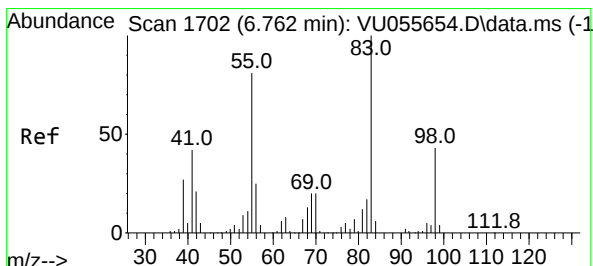
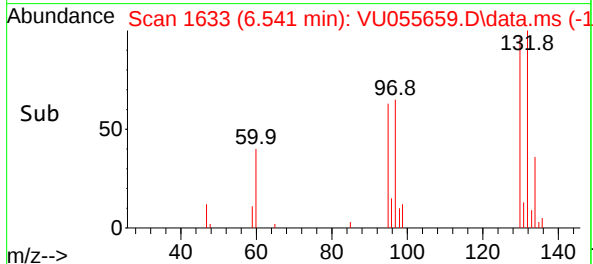
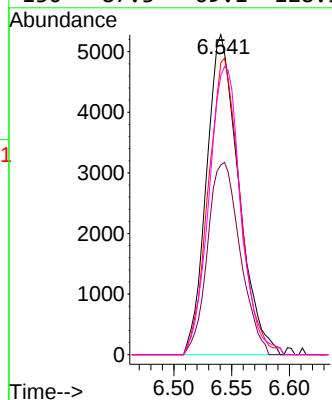


#34
Trichloroethene
Concen: 0.737 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055659.D
Acq: 04 Oct 2023 15:29

Instrument :
MSVOA_U
ClientSampleId :

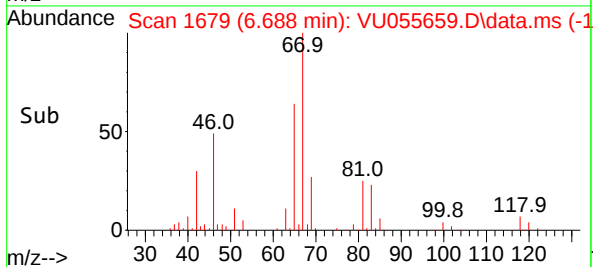
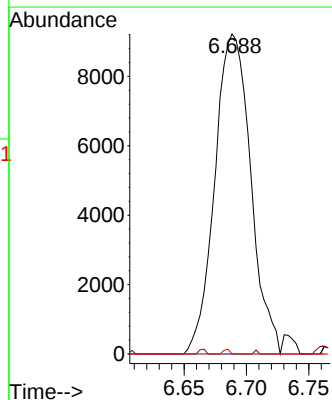
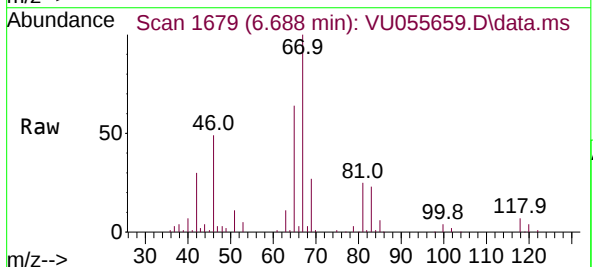


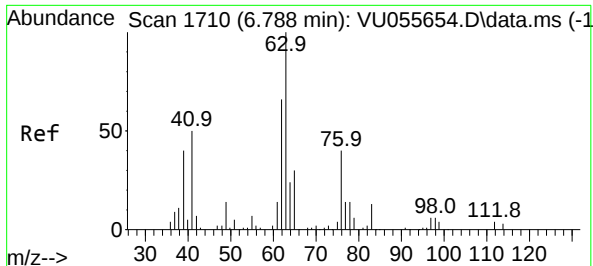
Tgt Ion	95	Resp:	10204
Ion	Ratio	Lower	Upper
95	100		
97	59.3	45.4	84.2
132	91.3	65.2	121.2
130	87.3	69.1	128.3



#35
Methylcyclohexane
Concen: 0.927 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055659.D
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Tgt Ion	83	Resp:	18495
Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.1	88.7#
98	0.2	36.3	54.5#





#37

1,2-Dichloropropane

Concen: 0.667 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055659.D

Acq: 04 Oct 2023 15:29

Instrument :

MSVOA_U

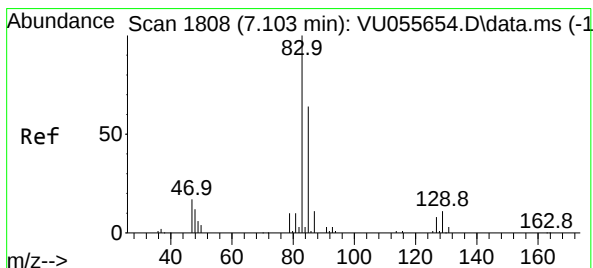
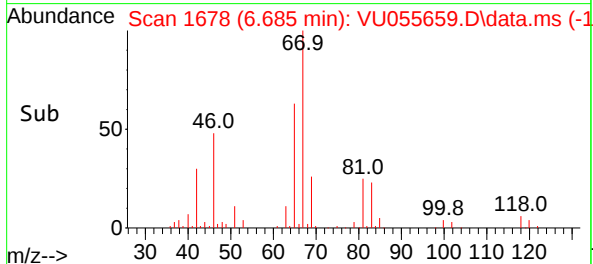
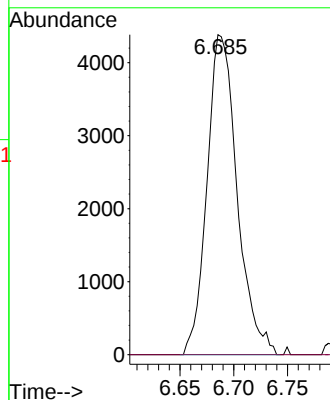
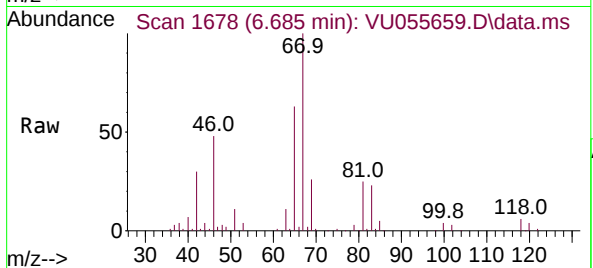
ClientSampleId :

Tgt Ion: 63 Resp: 8540

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#38

Bromodichloromethane

Concen: 0.203 ug/L

RT: 7.110 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VU055659.D

Acq: 04 Oct 2023 15:29

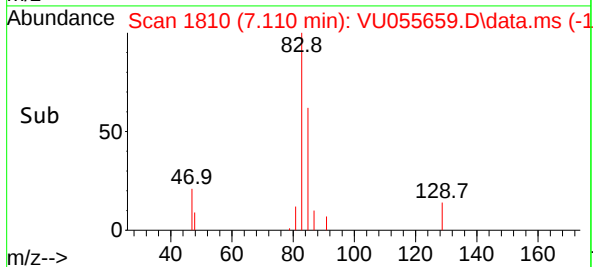
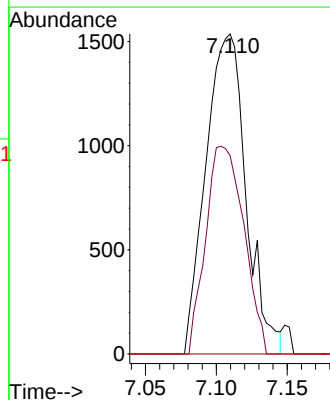
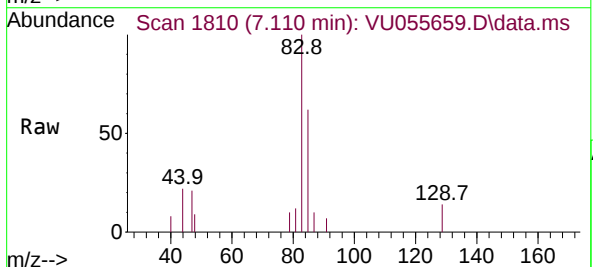
Tgt Ion: 83 Resp: 3042

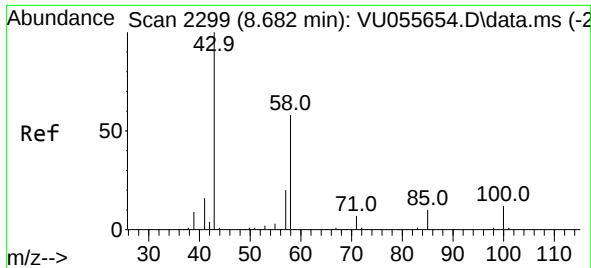
Ion Ratio Lower Upper

83 100

85 62.0 46.8 86.8

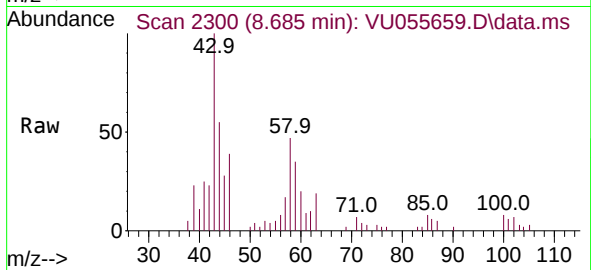
127 0.0 7.2 10.8#





#48
 2-Hexanone
 Concen: 3.607 ug/L
 RT: 8.685 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU055659.D
 Acq: 04 Oct 2023 15:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43	Resp: 16239
Ion Ratio	Lower Upper
43	100
58	42.0 48.5 72.7#
57	19.9 17.0 25.4
100	7.3 10.3 15.5#

