

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062023\
 Data File : VU054622.D
 Acq On : 20 Jun 2023 20:00
 Operator : MD/SY
 Sample : 03326-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA34

Quant Time: Jun 21 04:05:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 21 04:02:18 2023
 Response via : Initial Calibration

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

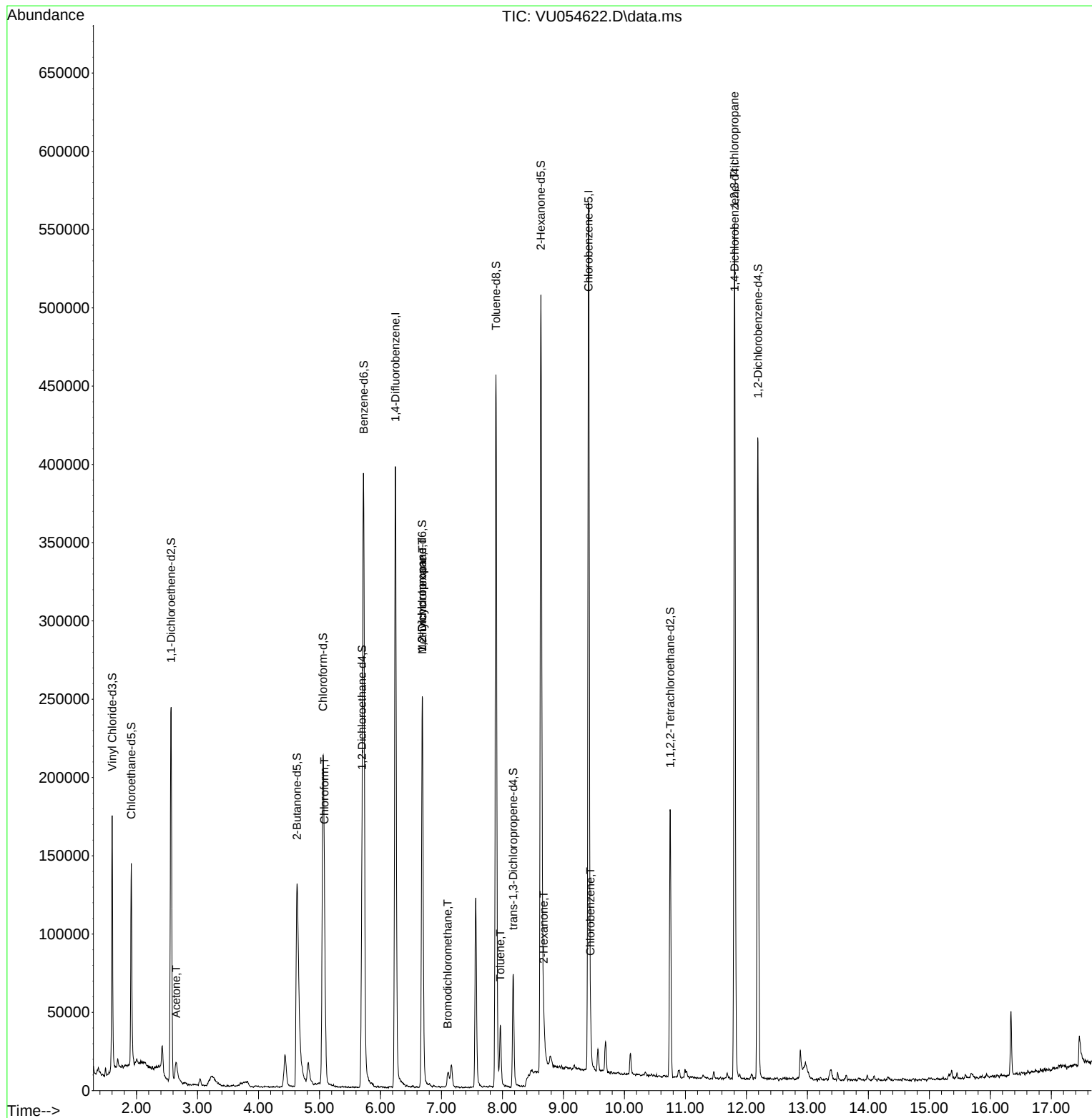
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	309725	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	298217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	139967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.602	65	121402	6.159	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.200%
7) Chloroethane-d5	1.914	69	92932	5.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.566	65	46471	5.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	4.631	46	263519	47.550	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.100%
24) Chloroform-d	5.058	84	182533	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.698	65	90967	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.724	84	361083	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.685	67	122126	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.894	98	304052	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.177	79	42126	4.376	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.631	63	169012	41.845	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.680%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89544	4.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	105472	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
13) Acetone	2.650	43	27513	5.265	ug/L	95
25) Chloroform	5.081	83	65138	1.377	ug/L	91
35) Methylcyclohexane	6.688	83	26119	0.610	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12980	0.448	ug/L #	90
38) Bromodichloromethane	7.103	83	5202	0.159	ug/L	90
42) Toluene	7.965	91	25795	0.234	ug/L	97
48) 2-Hexanone	8.679	43	10697	0.928	ug/L #	74
51) Chlorobenzene	9.444	112	9686	0.141	ug/L	98
61) 1,2,3-Trichloropropane	11.804	75	19711	1.393	ug/L #	69

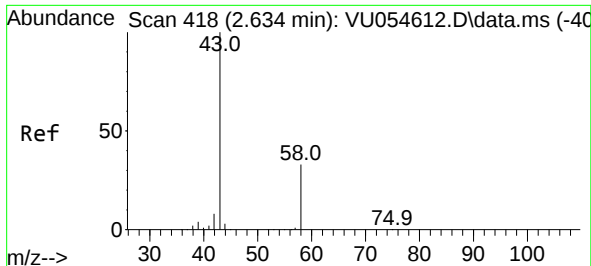
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.265 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU054622.D

Acq: 20 Jun 2023 20:00

Instrument :

MSVOA_U

ClientSampleId :

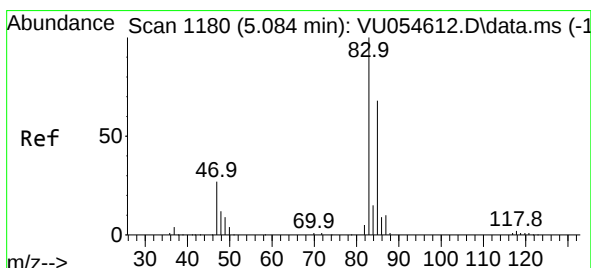
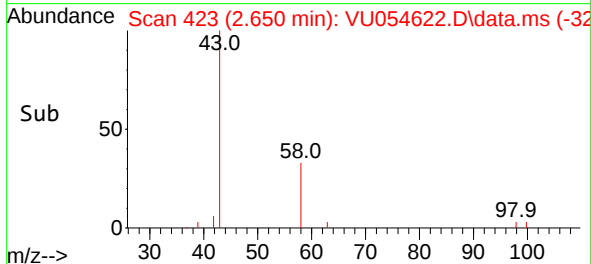
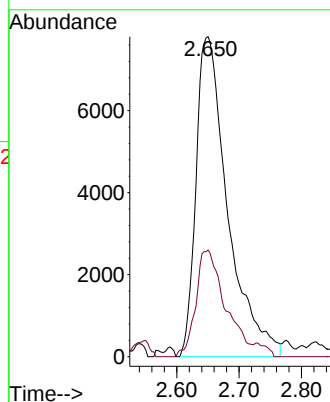
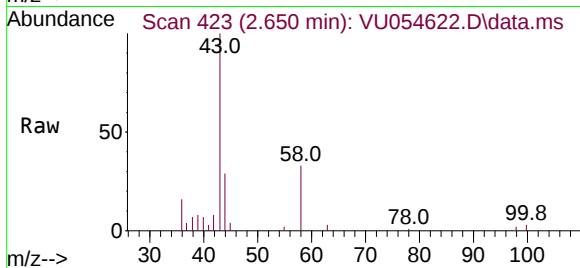
GCA34

Tgt Ion: 43 Resp: 27513

Ion Ratio Lower Upper

43 100

58 31.0 0.0 67.2



#25

Chloroform

Concen: 1.377 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU054622.D

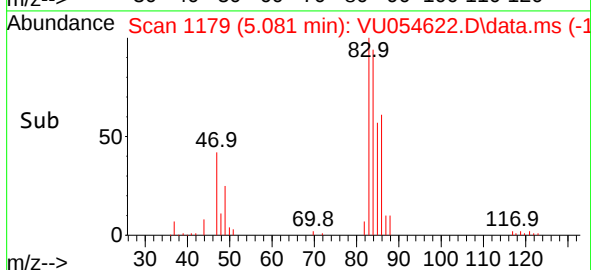
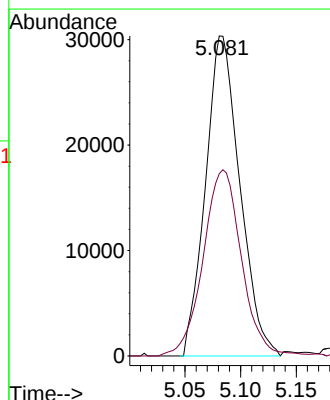
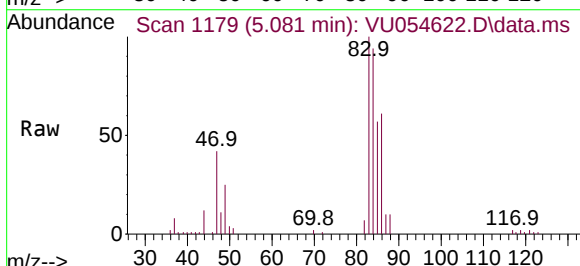
Acq: 20 Jun 2023 20:00

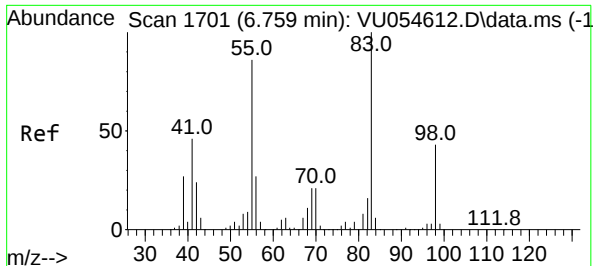
Tgt Ion: 83 Resp: 65138

Ion Ratio Lower Upper

83 100

85 56.9 44.7 82.9





#35

Methylcyclohexane

Concen: 0.610 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054622.D

Acq: 20 Jun 2023 20:00

Instrument :

MSVOA_U

ClientSampleId :

GCA34

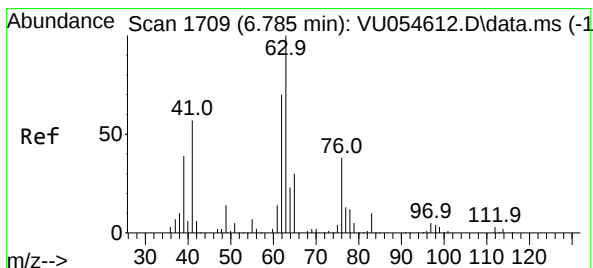
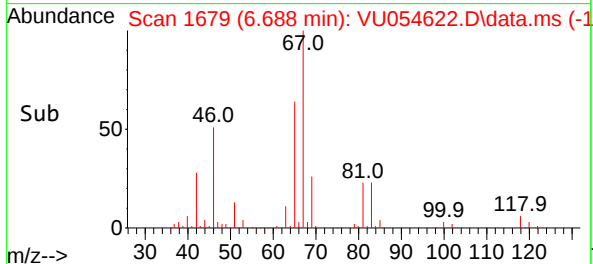
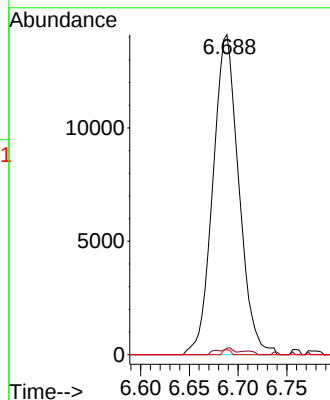
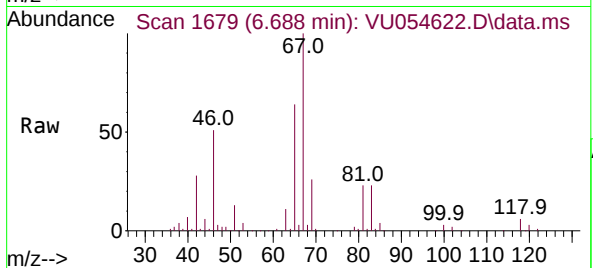
Tgt Ion: 83 Resp: 26119

Ion Ratio Lower Upper

83 100

55 1.4 67.1 100.7#

98 0.5 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.448 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU054622.D

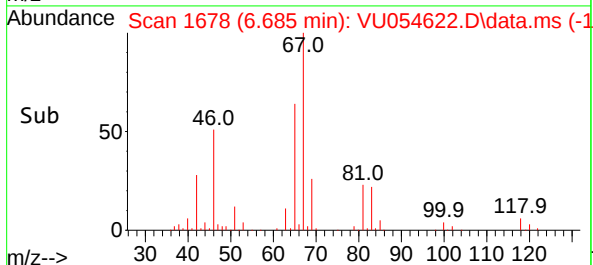
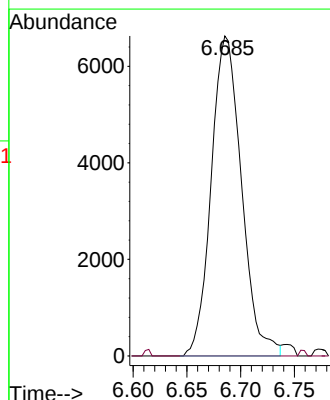
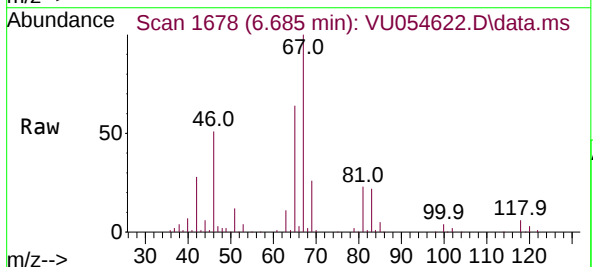
Acq: 20 Jun 2023 20:00

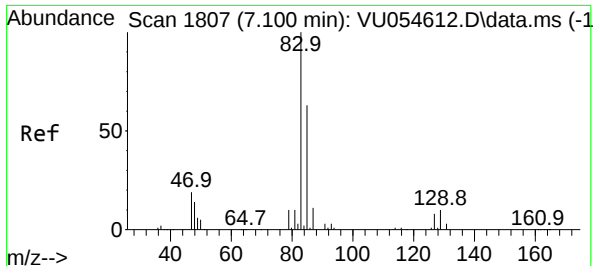
Tgt Ion: 63 Resp: 12980

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#





#38

Bromodichloromethane

Concen: 0.159 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU054622.D

Acq: 20 Jun 2023 20:00

Instrument :

MSVOA_U

ClientSampleId :

GCA34

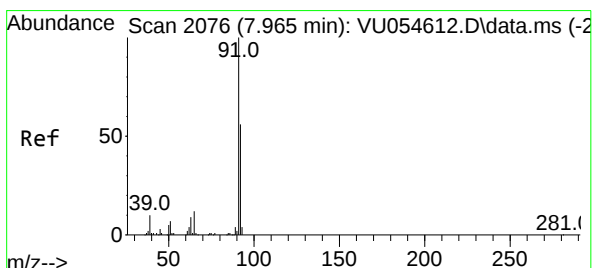
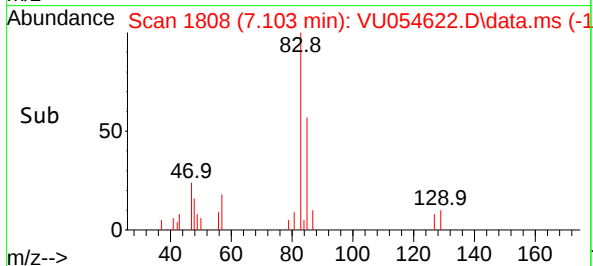
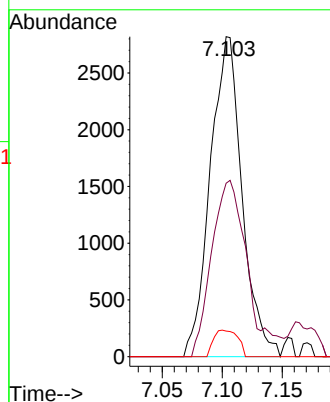
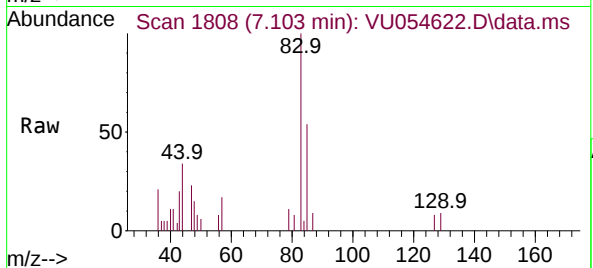
Tgt Ion: 83 Resp: 5202

Ion Ratio Lower Upper

83 100

85 54.2 44.1 81.9

127 8.0 6.6 10.0



#42

Toluene

Concen: 0.234 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054622.D

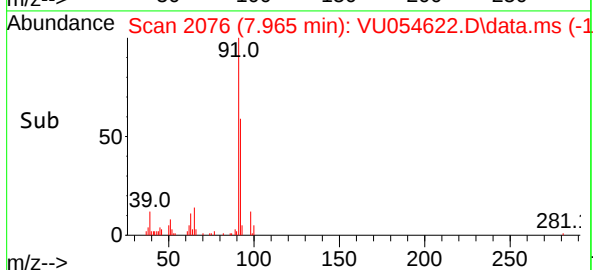
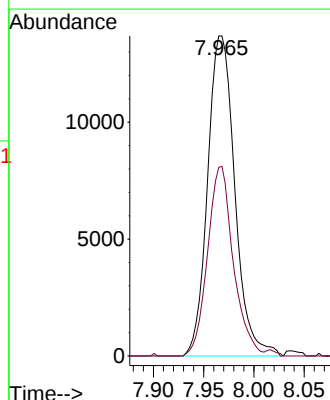
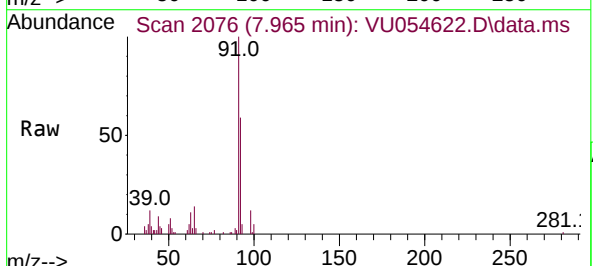
Acq: 20 Jun 2023 20:00

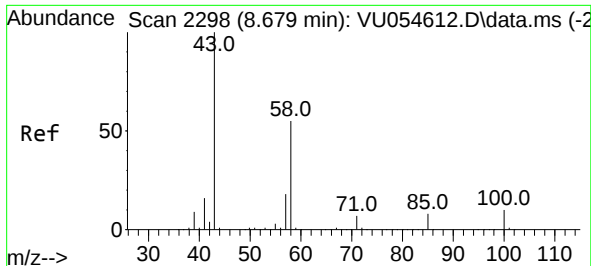
Tgt Ion: 91 Resp: 25795

Ion Ratio Lower Upper

91 100

92 59.0 39.5 73.4

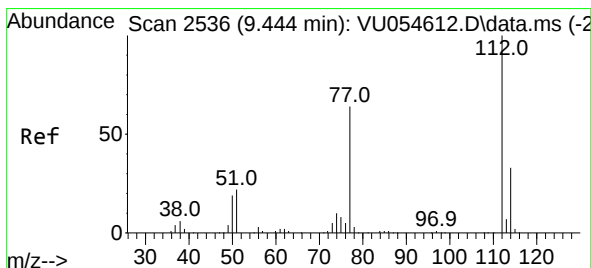
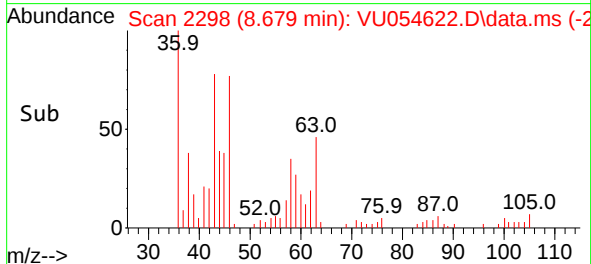
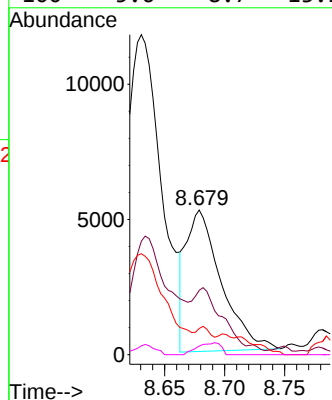
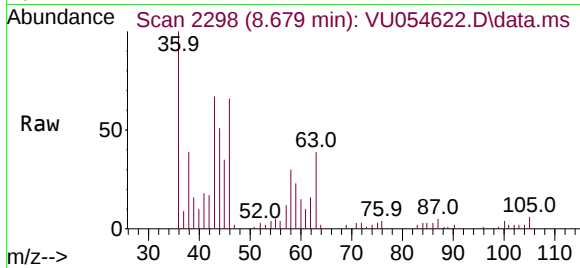




#48
2-Hexanone
Concen: 0.928 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054622.D
Acq: 20 Jun 2023 20:00

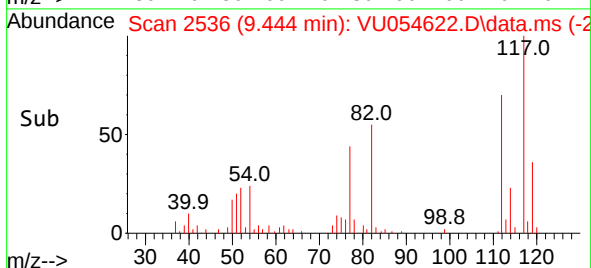
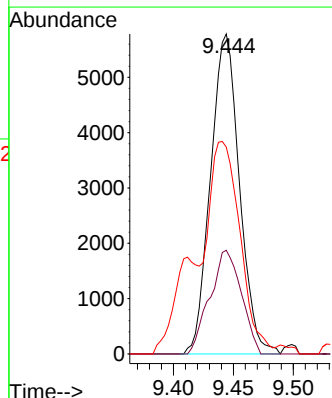
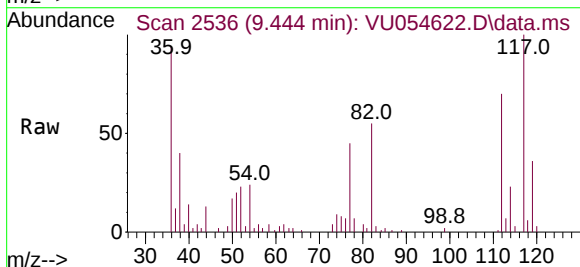
Instrument :
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ClientSampleId :
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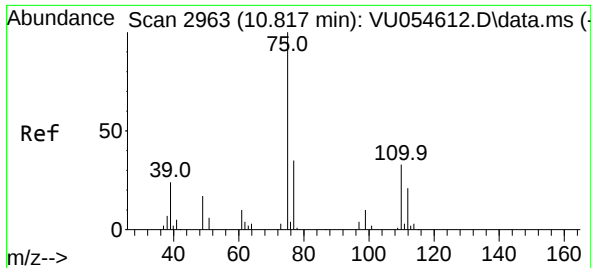
Tgt Ion:	43	Resp:	10697
Ion	Ratio	Lower	Upper
43	100		
58	38.4	45.2	67.8#
57	2.5	15.8	23.6#
100	5.6	8.7	13.1#



#51
Chlorobenzene
Concen: 0.141 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054622.D
Acq: 20 Jun 2023 20:00

Tgt Ion:	112	Resp:	9686
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.7	42.1
77	64.6	49.8	74.8





#61
 1,2,3-Trichloropropane
 Concen: 1.393 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU054622.D
 Acq: 20 Jun 2023 20:00

Instrument :
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Tgt Ion: 75 Resp: 19711
 Ion Ratio Lower Upper
 75 100
 110 2.6 28.0 42.0#
 77 29.3 25.4 38.2

