

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054923.D
 Acq On : 28 Aug 2023 14:57
 Operator : MD/SY
 Sample : 04173-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 04:58:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

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

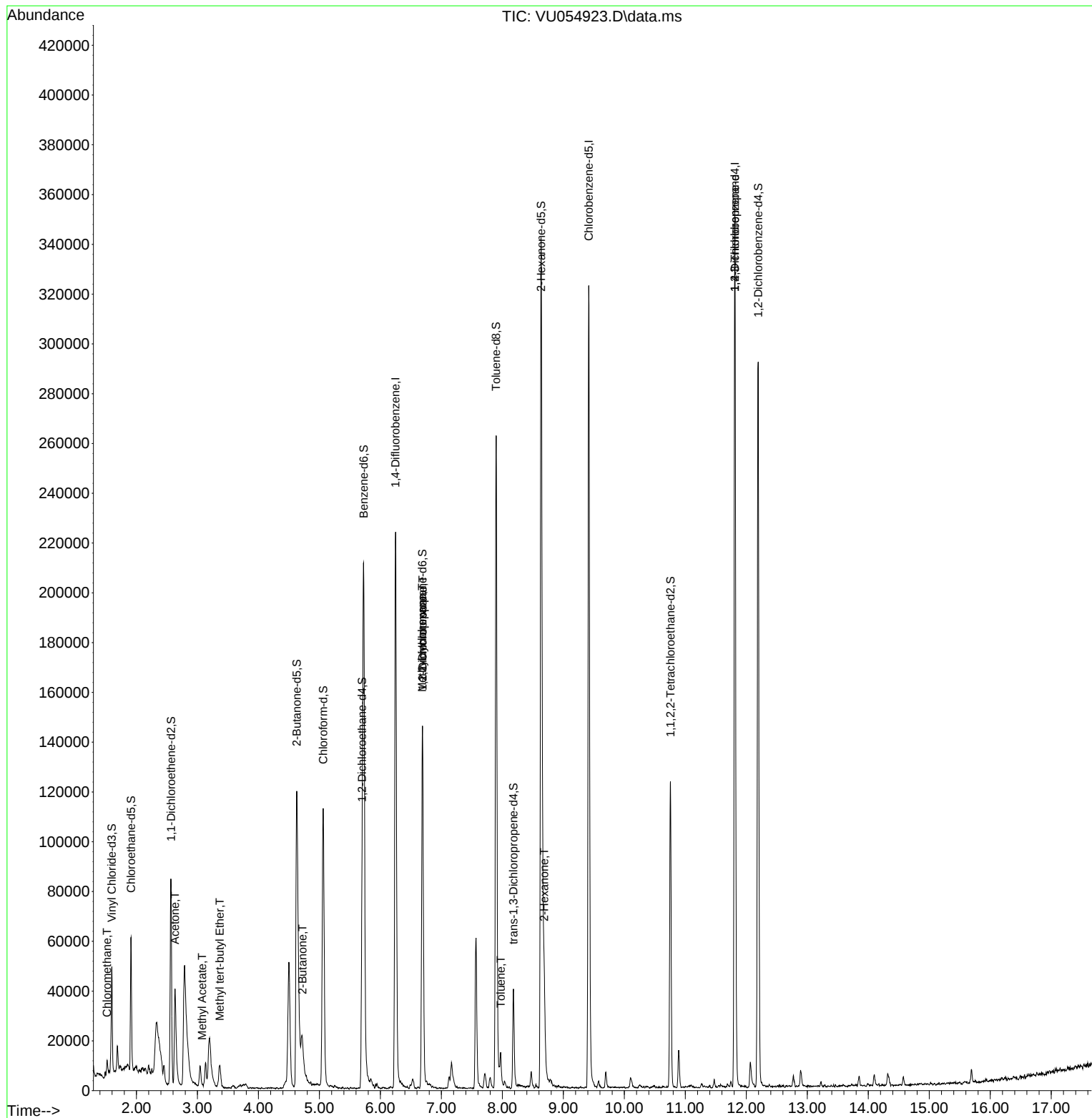
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180356	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	175267	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27740	4.873	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.911	69	37124	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.567	65	15340	4.768	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.628	46	176376	57.401	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.800%
24) Chloroform-d	5.062	84	102796	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.698	65	60681	5.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.724	84	189821	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.689	67	69422	5.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.898	98	177703	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.181	79	21712	4.761	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.634	63	112389	51.927	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.860%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	60434	5.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	73604	5.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	3799	0.326	ug/L #	74
13) Acetone	2.631	43	53458	32.186	ug/L	99
15) Methyl Acetate	3.078	43	886	0.261	ug/L #	51
17) Methyl tert-butyl Ether	3.364	73	9690	0.409	ug/L #	95
21) 2-Butanone	4.721	43	27828	10.934	ug/L	96
35) Methylcyclohexane	6.685	83	14822	0.874	ug/L #	21
37) 1,2-Dichloropropane	6.692	63	8149	0.707	ug/L #	90
42) Toluene	7.972	91	8646	0.188	ug/L	96
48) 2-Hexanone	8.685	43	22384	4.704	ug/L #	92
61) 1,2,3-Trichloropropane	11.811	75	12474	1.891	ug/L #	68

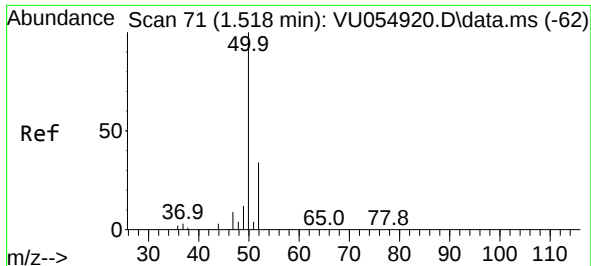
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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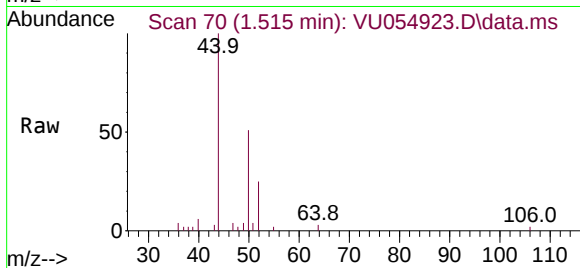


#3
Chloromethane
Concen: 0.326 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU054923.D
Acq: 28 Aug 2023 14:57

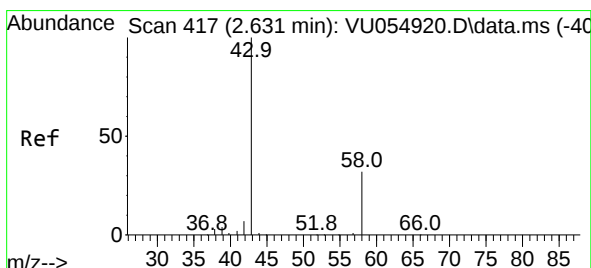
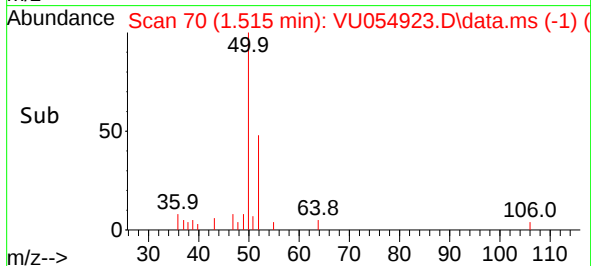
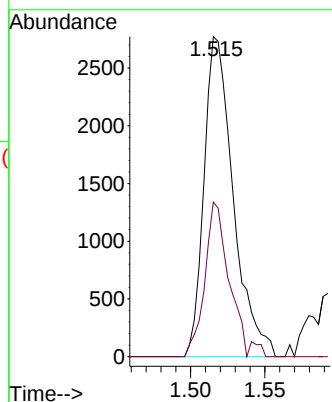
Instrument :

MSVOA_U

ClientSampleId :

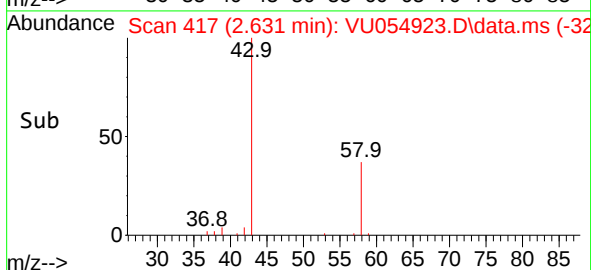
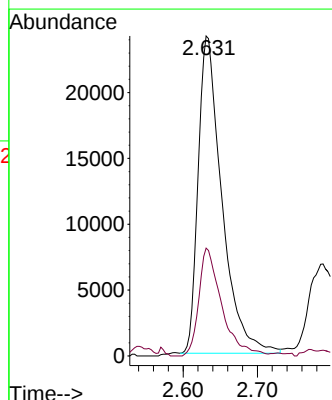
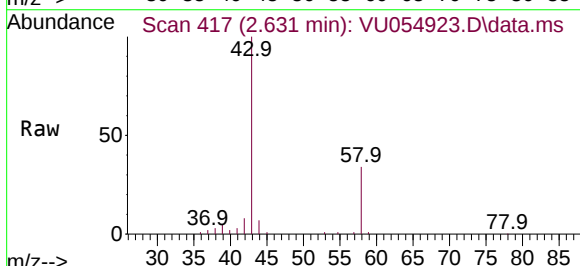


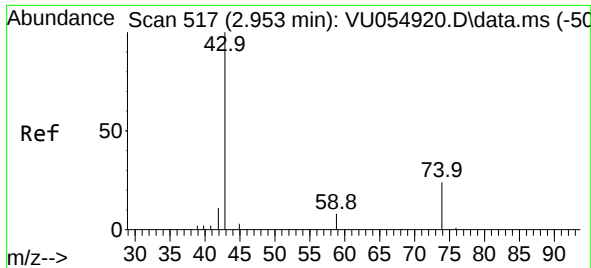
Tgt Ion: 50 Resp: 3799
Ion Ratio Lower Upper
50 100
52 48.3 23.4 43.6#



#13
Acetone
Concen: 32.186 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.000 min
Lab File: VU054923.D
Acq: 28 Aug 2023 14:57

Tgt Ion: 43 Resp: 53458
Ion Ratio Lower Upper
43 100
58 32.7 0.0 64.4

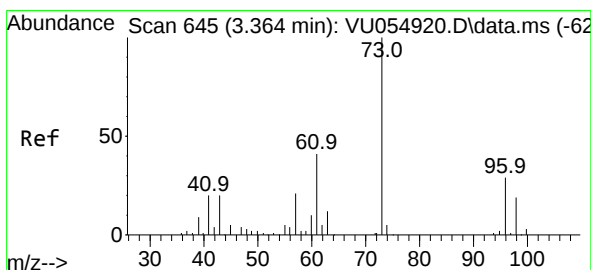
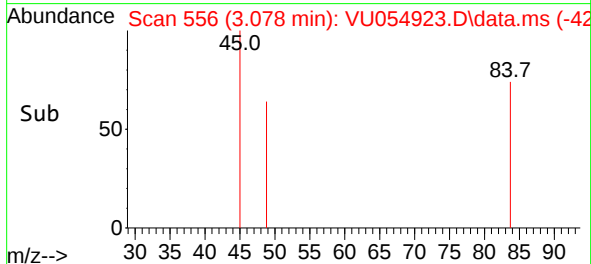
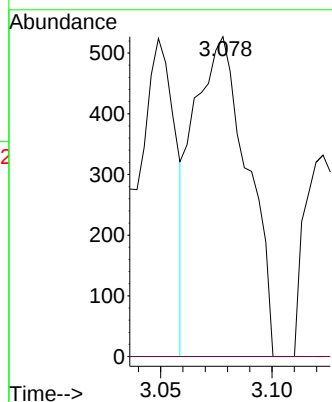
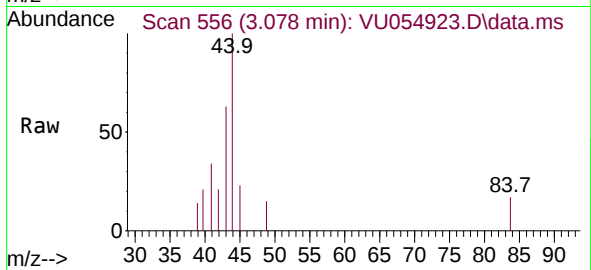




#15
Methyl Acetate
Concen: 0.261 ug/L
RT: 3.078 min Scan# 517
Delta R.T. 0.125 min
Lab File: VU054923.D
Acq: 28 Aug 2023 14:57

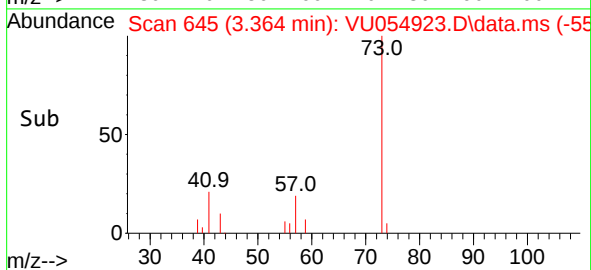
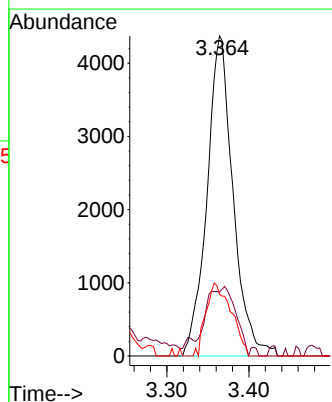
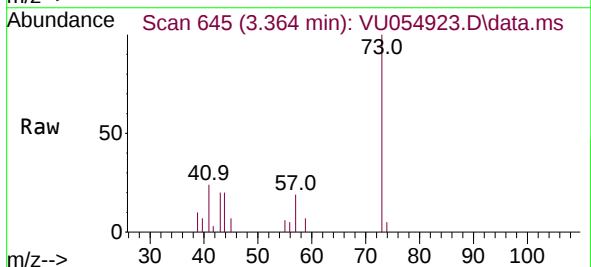
Instrument :
MSVOA_U
ClientSampleId :

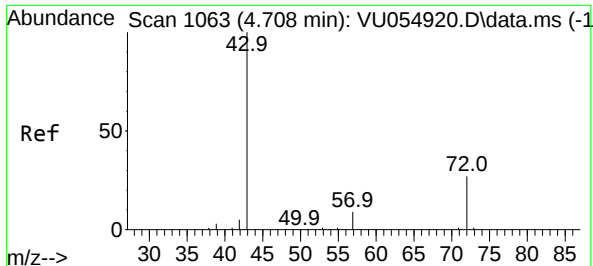
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#17
Methyl tert-butyl Ether
Concen: 0.409 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.000 min
Lab File: VU054923.D
Acq: 28 Aug 2023 14:57

Tgt Ion: 73 Resp: 9690
Ion Ratio Lower Upper
73 100
43 24.4 16.2 24.2#
57 22.1 17.4 26.0





#21

2-Butanone

Concen: 10.934 ug/L

RT: 4.721 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU054923.D

Acq: 28 Aug 2023 14:57

Instrument :

MSVOA_U

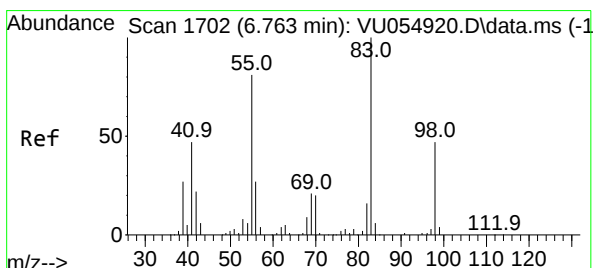
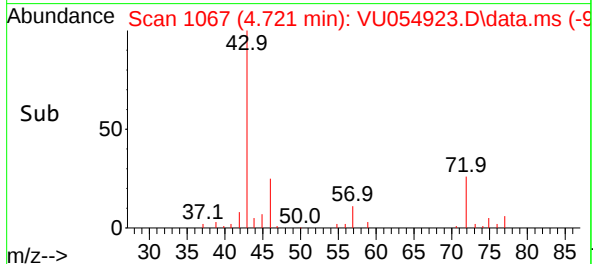
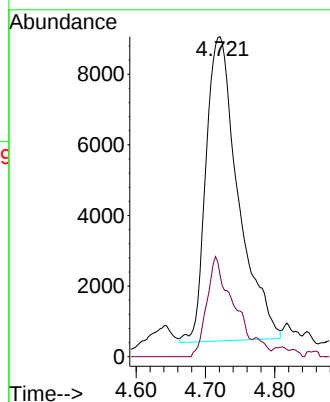
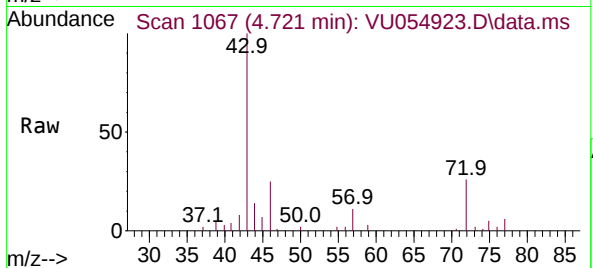
ClientSampleId :

Tgt Ion: 43 Resp: 27828

Ion Ratio Lower Upper

43 100

72 26.2 14.1 42.3



#35

Methylcyclohexane

Concen: 0.874 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.077 min

Lab File: VU054923.D

Acq: 28 Aug 2023 14:57

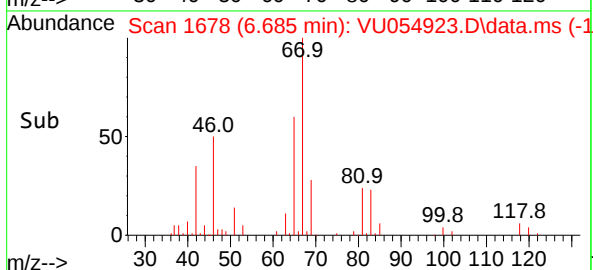
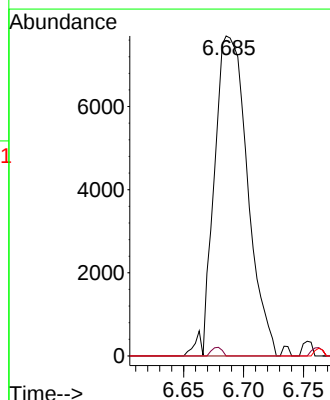
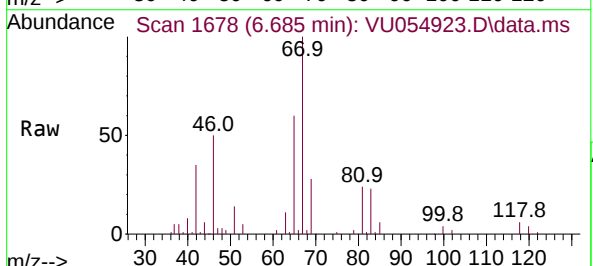
Tgt Ion: 83 Resp: 14822

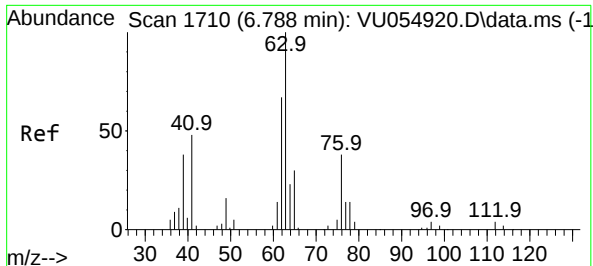
Ion Ratio Lower Upper

83 100

55 0.9 62.1 93.1#

98 3.9 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.707 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU054923.D

Acq: 28 Aug 2023 14:57

Instrument :

MSVOA_U

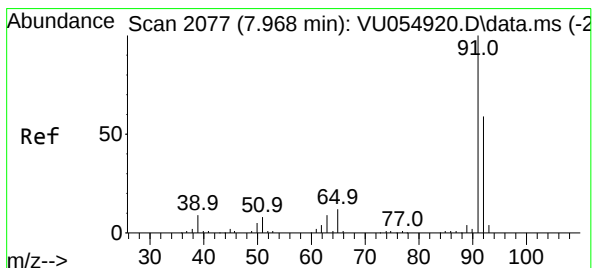
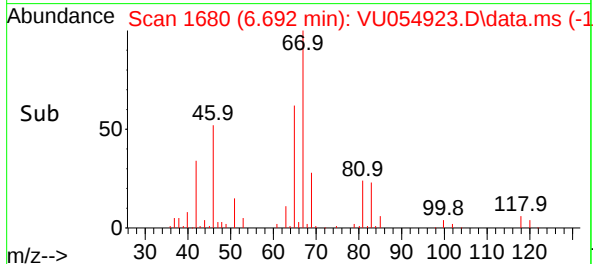
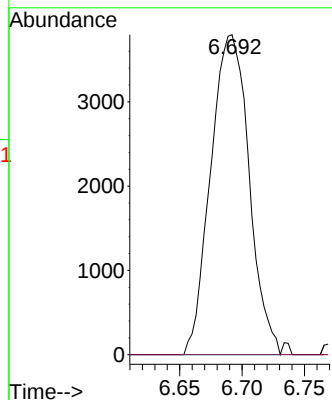
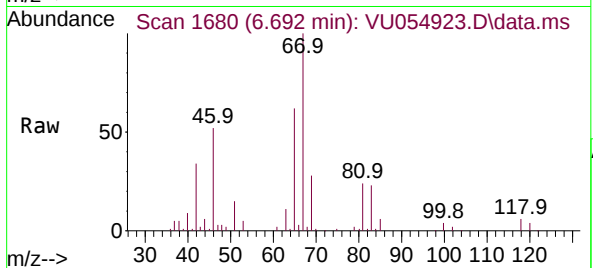
ClientSampleId :

Tgt Ion: 63 Resp: 8149

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#42

Toluene

Concen: 0.188 ug/L

RT: 7.972 min Scan# 2078

Delta R.T. 0.003 min

Lab File: VU054923.D

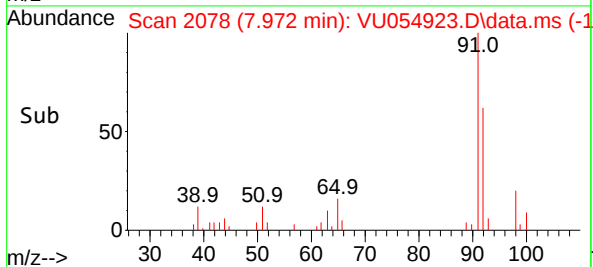
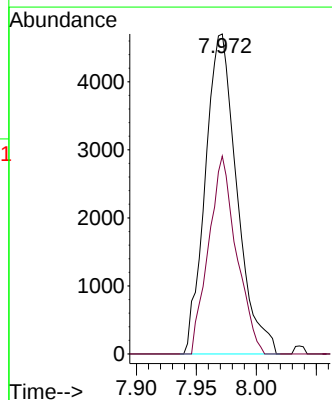
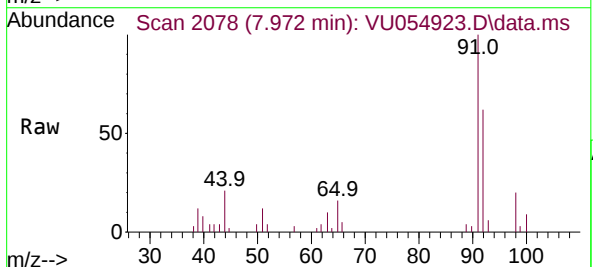
Acq: 28 Aug 2023 14:57

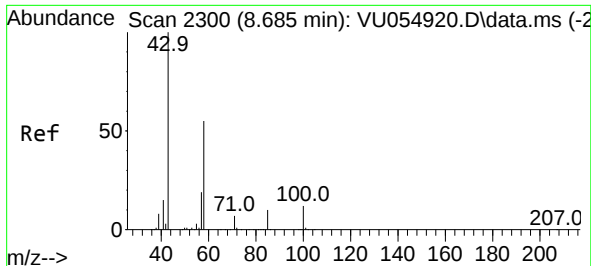
Tgt Ion: 91 Resp: 8646

Ion Ratio Lower Upper

91 100

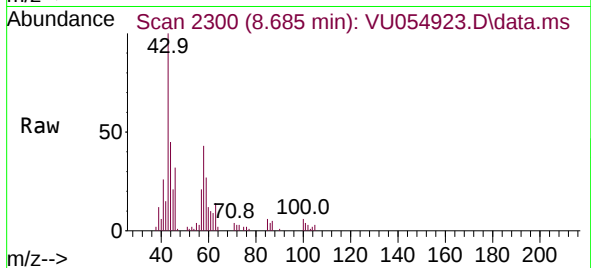
92 61.9 41.2 76.4



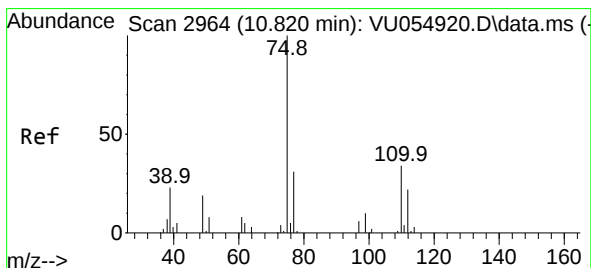
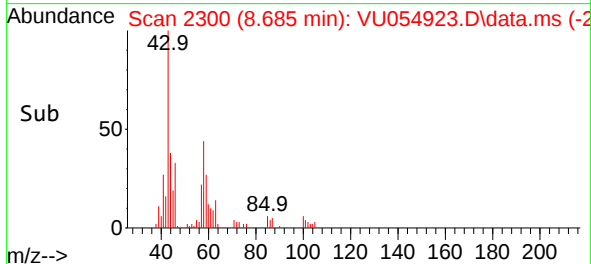
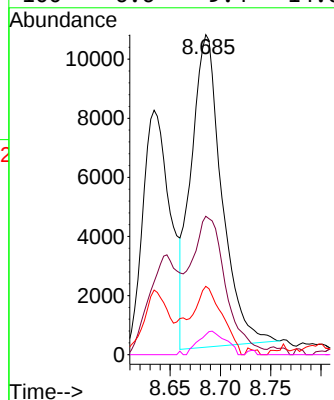


#48
2-Hexanone
Concen: 4.704 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054923.D
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Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	22384
Ion	Ratio	Lower	Upper
43	100		
58	49.2	44.0	66.0
57	23.0	15.9	23.9
100	6.6	9.4	14.0



#61
1,2,3-Trichloropropane
Concen: 1.891 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU054923.D
Acq: 28 Aug 2023 14:57

Tgt Ion:	75	Resp:	12474
Ion	Ratio	Lower	Upper
75	100		
110	1.8	29.0	43.6
77	35.3	26.5	39.7

