

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054922.D
 Acq On : 28 Aug 2023 14:32
 Operator : MD/SY
 Sample : 04173-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 04:58:15 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)

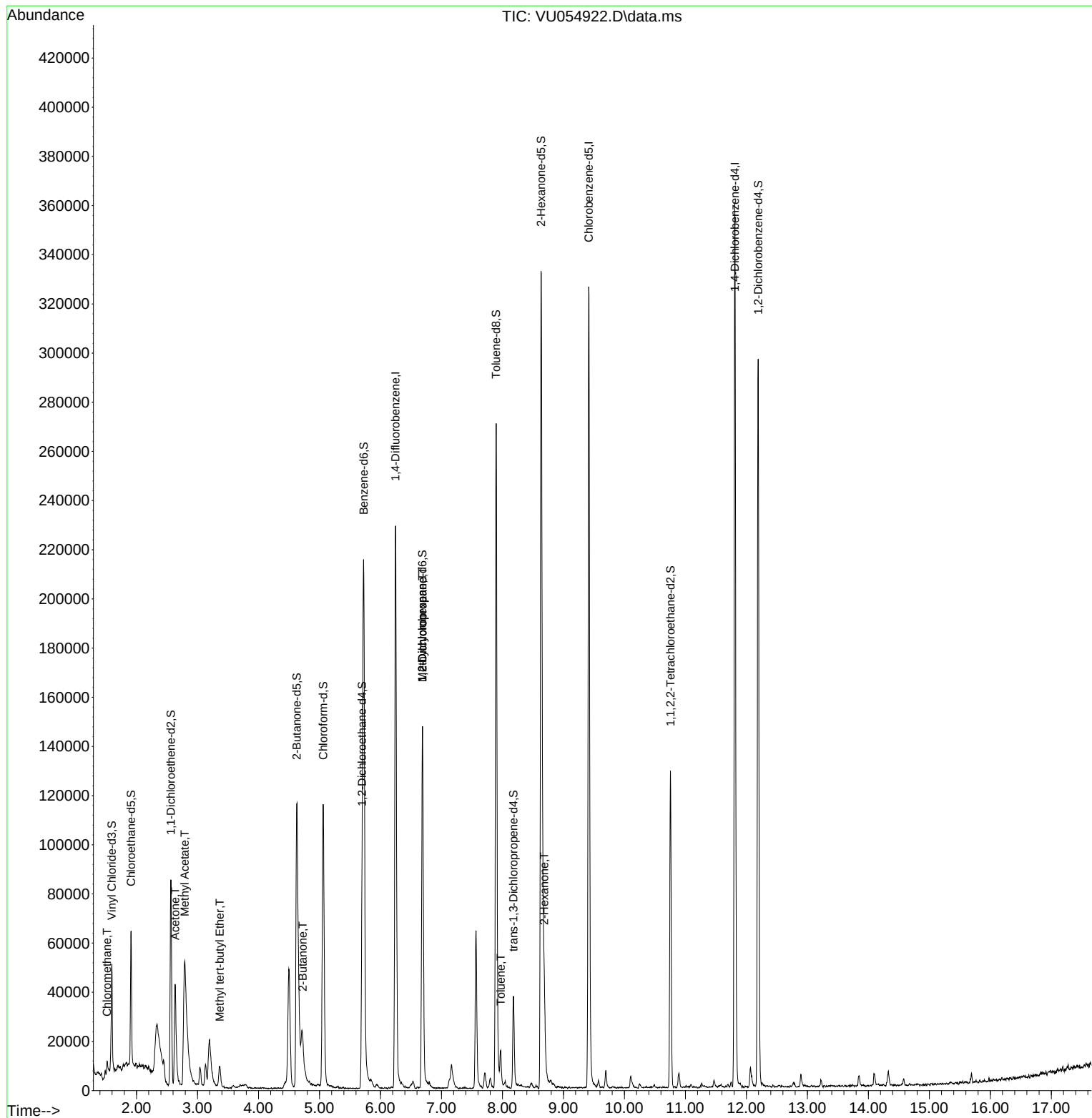
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180273	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	177401	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	90595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28889	5.077	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.911	69	37012	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.563	65	15908	4.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	4.627	46	169981	55.345	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.700%
24) Chloroform-d	5.061	84	105518	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.698	65	61710	5.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.724	84	194631	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.688	67	68537	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.897	98	182716	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.180	79	22280	4.827	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.634	63	111678	50.978	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.960%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	61128	5.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	74209	5.130	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3626	0.311	ug/L	96
13) Acetone	2.634	43	56575	34.079	ug/L	97
15) Methyl Acetate	2.791	43	28850	8.489	ug/L #	51
17) Methyl tert-butyl Ether	3.364	73	9676	0.408	ug/L	98
21) 2-Butanone	4.724	43	31472	12.372	ug/L	91
35) Methylcyclohexane	6.688	83	15511	0.904	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	8250	0.707	ug/L #	90
42) Toluene	7.971	91	9851	0.212	ug/L	95
48) 2-Hexanone	8.685	43	24343	5.054	ug/L #	88

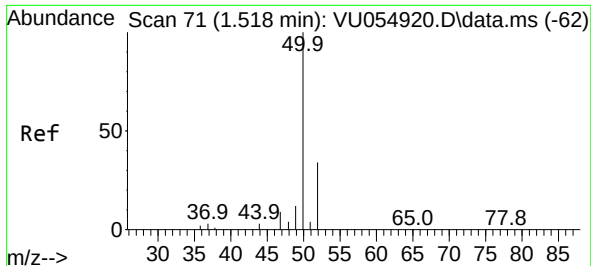
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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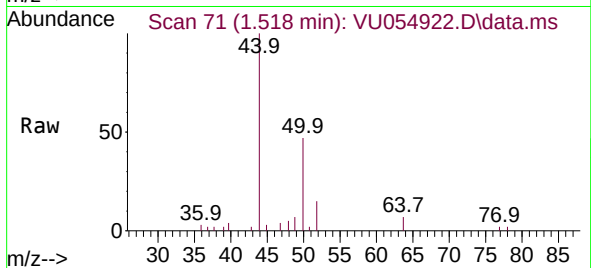


#3
 Chloromethane
 Concen: 0.311 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054922.D
 Acq: 28 Aug 2023 14:32

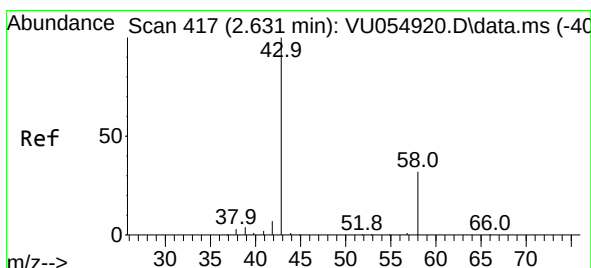
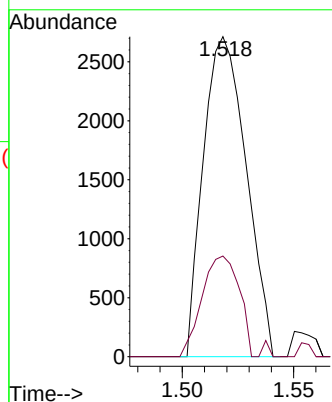
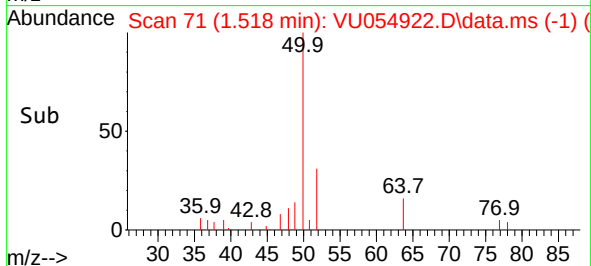
Instrument :

MSVOA_U

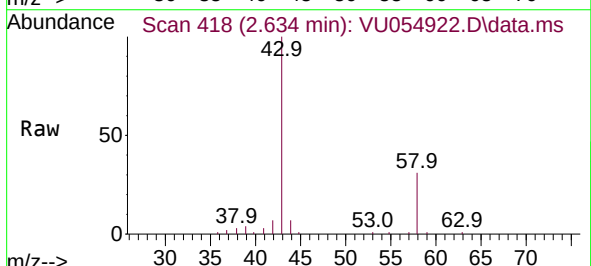
ClientSampleId :



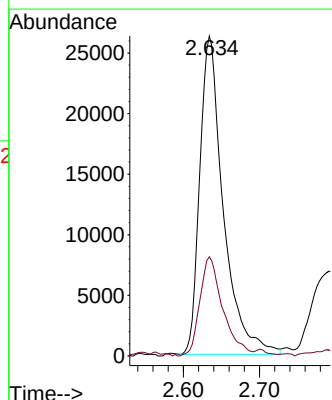
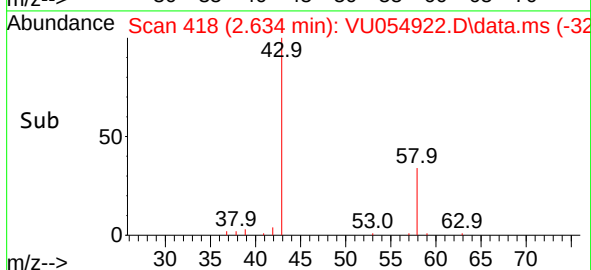
Tgt Ion: 50 Resp: 3626
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.4 43.6

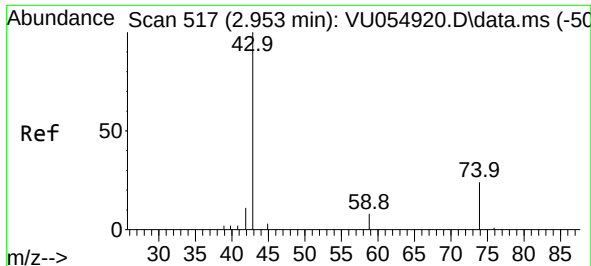


#13
 Acetone
 Concen: 34.079 ug/L
 RT: 2.634 min Scan# 418
 Delta R.T. 0.003 min
 Lab File: VU054922.D
 Acq: 28 Aug 2023 14:32



Tgt Ion: 43 Resp: 56575
 Ion Ratio Lower Upper
 43 100
 58 30.4 0.0 64.4

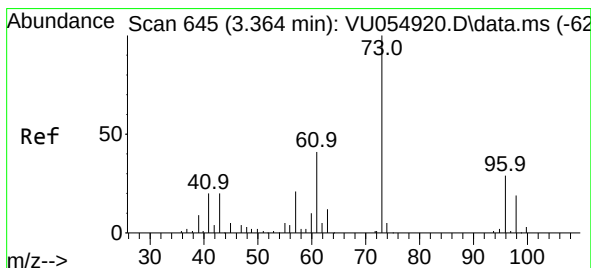
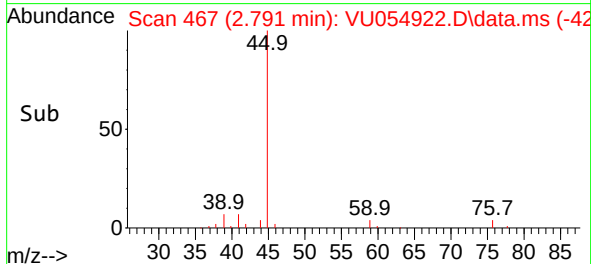
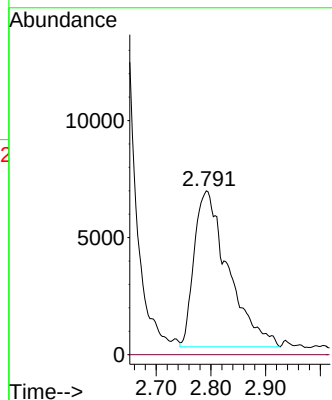
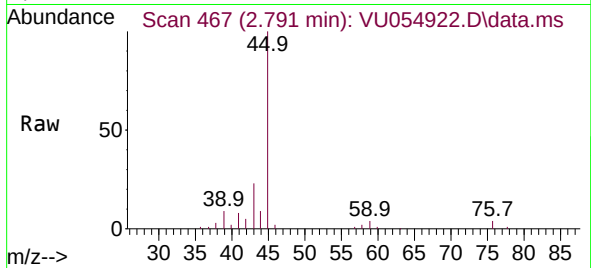




#15
Methyl Acetate
Concen: 8.489 ug/L
RT: 2.791 min Scan# 41
Delta R.T. -0.161 min
Lab File: VU054922.D
Acq: 28 Aug 2023 14:32

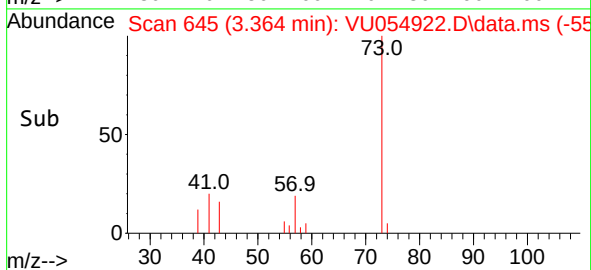
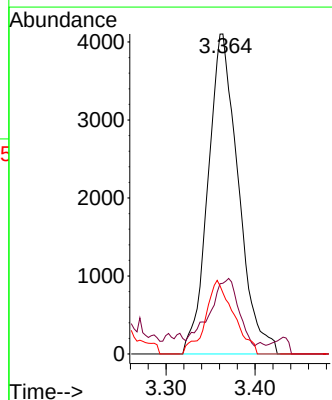
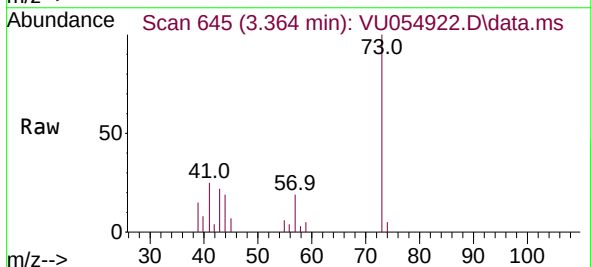
Instrument :
MSVOA_U
ClientSampleId :

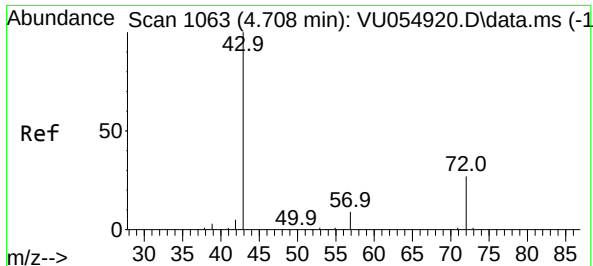
Tgt Ion: 43 Resp: 28850
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#17
Methyl tert-butyl Ether
Concen: 0.408 ug/L
RT: 3.364 min Scan# 645
Delta R.T. -0.000 min
Lab File: VU054922.D
Acq: 28 Aug 2023 14:32

Tgt Ion: 73 Resp: 9676
Ion Ratio Lower Upper
73 100
43 21.4 16.2 24.2
57 21.3 17.4 26.0

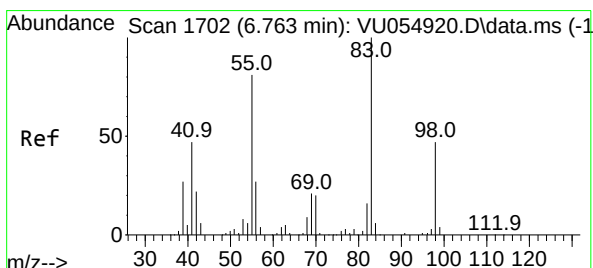
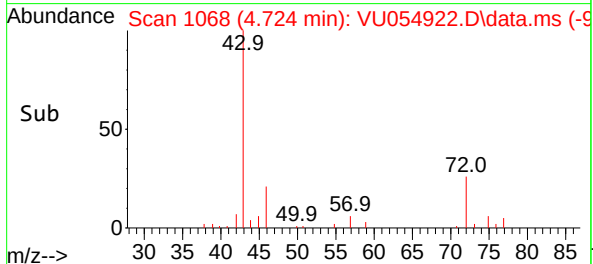
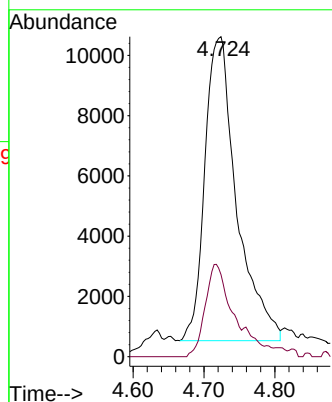
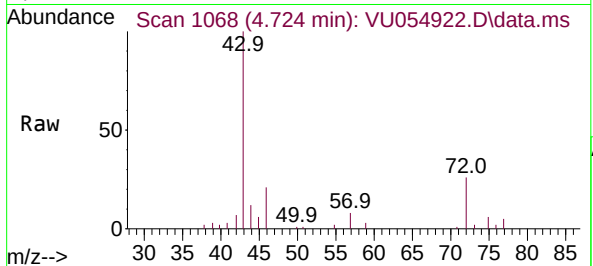




#21
2-Butanone
Concen: 12.372 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.016 min
Lab File: VU054922.D
Acq: 28 Aug 2023 14:32

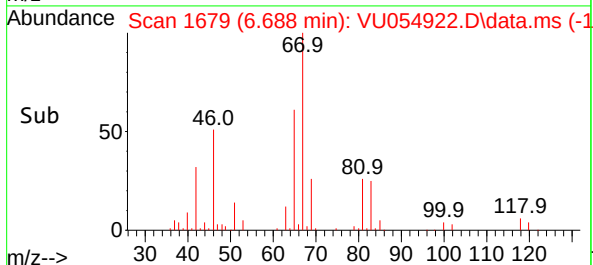
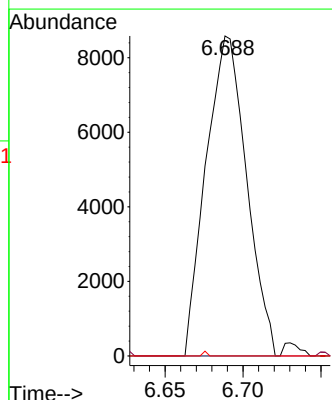
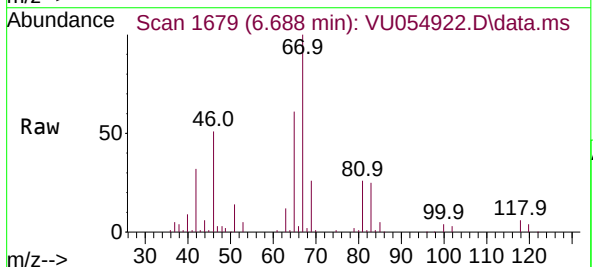
Instrument :
MSVOA_U
ClientSampleId :

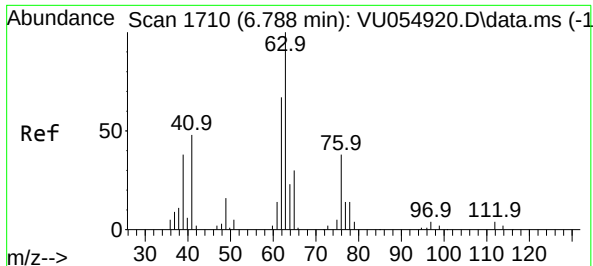
Tgt Ion: 43 Resp: 31472
Ion Ratio Lower Upper
43 100
72 23.3 14.1 42.3



#35
Methylcyclohexane
Concen: 0.904 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU054922.D
Acq: 28 Aug 2023 14:32

Tgt Ion: 83 Resp: 15511
Ion Ratio Lower Upper
83 100
55 0.1 62.1 93.1#
98 0.2 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.707 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054922.D

Acq: 28 Aug 2023 14:32

Instrument :

MSVOA_U

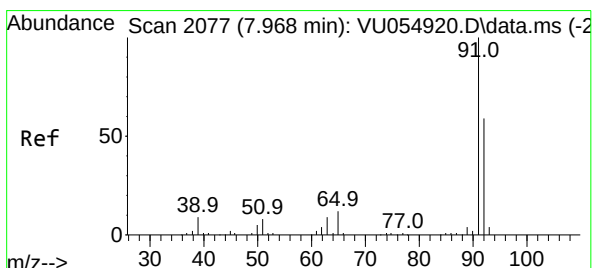
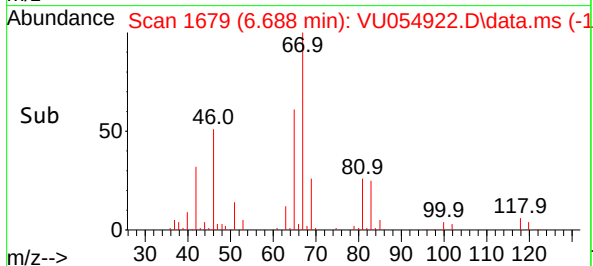
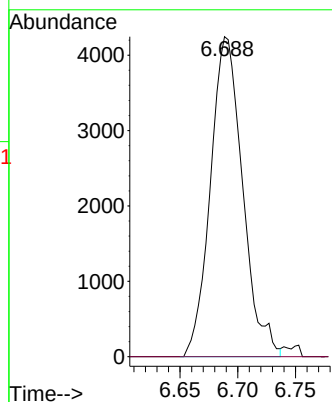
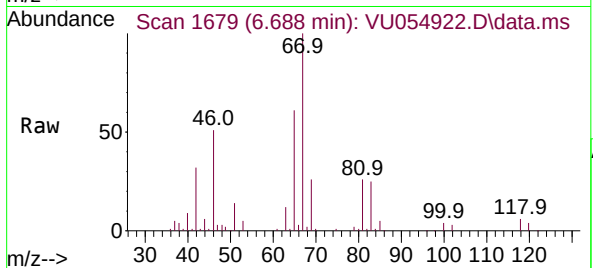
ClientSampleId :

Tgt Ion: 63 Resp: 8250

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#42

Toluene

Concen: 0.212 ug/L

RT: 7.971 min Scan# 2078

Delta R.T. 0.003 min

Lab File: VU054922.D

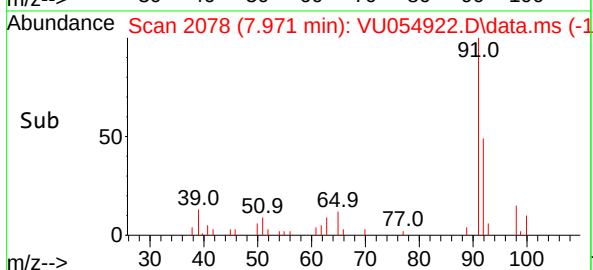
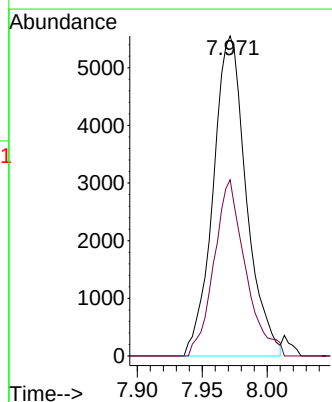
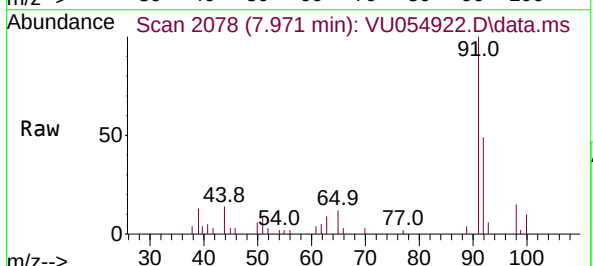
Acq: 28 Aug 2023 14:32

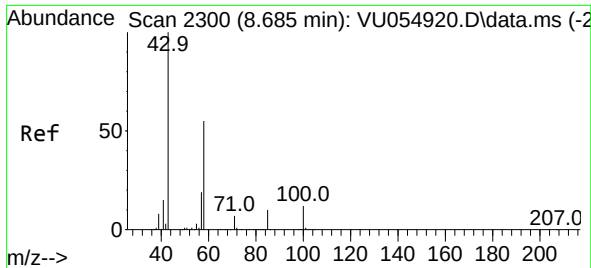
Tgt Ion: 91 Resp: 9851

Ion Ratio Lower Upper

91 100

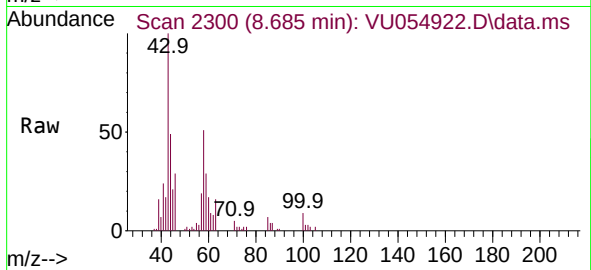
92 55.1 41.2 76.4





#48
 2-Hexanone
 Concen: 5.054 ug/L
 RT: 8.685 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU054922.D
 Acq: 28 Aug 2023 14:32

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 ClientSampleId :



Tgt Ion:	43	Resp:	24343
Ion	Ratio	Lower	Upper
43	100		
58	45.4	44.0	66.0
57	16.3	15.9	23.9
100	7.8	9.4	14.0

