

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054947.D
 Acq On : 29 Aug 2023 11:24
 Operator : MD/SY
 Sample : 04173-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:27:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

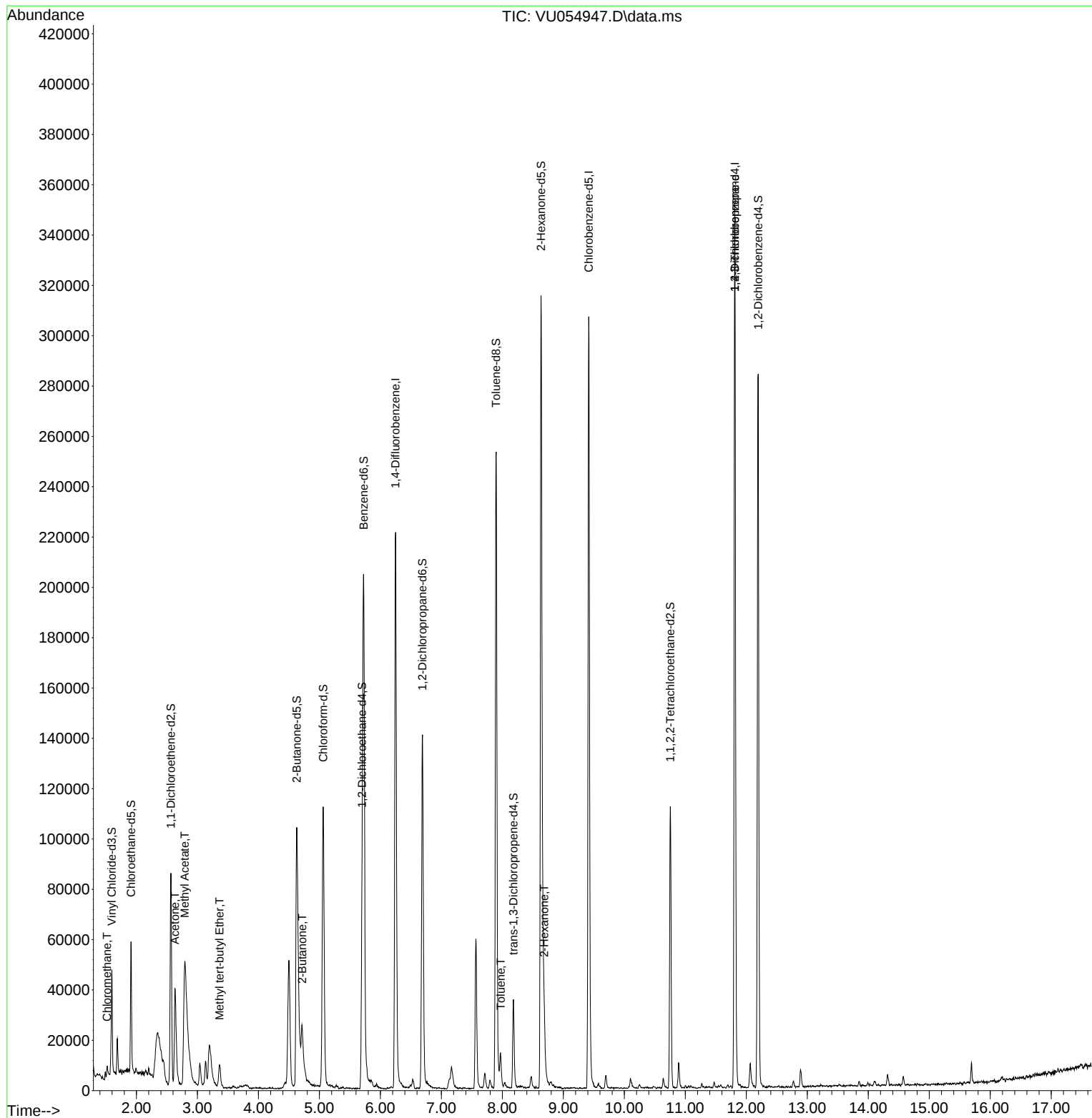
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	178264	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	170818	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	90733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26993	4.798	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.911	69	34487	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.563	65	16149	5.078	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	4.628	46	161378	53.136	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.280%
24) Chloroform-d	5.062	84	101100	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.698	65	56362	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.724	84	188133	4.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.689	67	67943	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.898	98	173993	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.181	79	19188	4.318	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.634	63	106341	50.413	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	54604	4.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	71563	4.940	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
3) Chloromethane	1.519	50	2619	0.227	ug/L	96
13) Acetone	2.631	43	55068	33.545	ug/L	100
15) Methyl Acetate	2.792	43	28941	8.612	ug/L #	51
17) Methyl tert-butyl Ether	3.361	73	10198	0.435	ug/L	98
21) 2-Butanone	4.718	43	33758	13.420	ug/L	95
42) Toluene	7.972	91	8728	0.195	ug/L	93
48) 2-Hexanone	8.685	43	14499	3.126	ug/L #	97
61) 1,2,3-Trichloropropane	11.811	75	12439	1.841	ug/L #	69

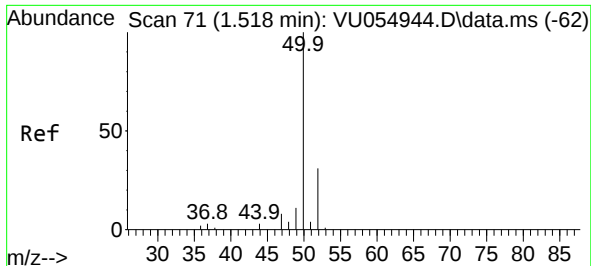
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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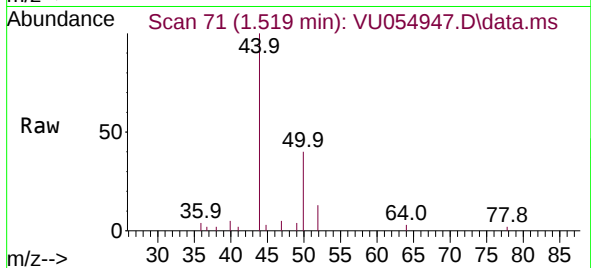
Quant Time: Aug 29 22:27:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
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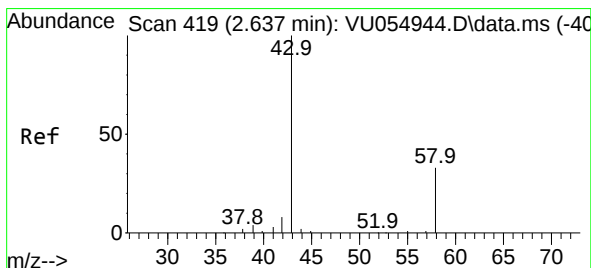
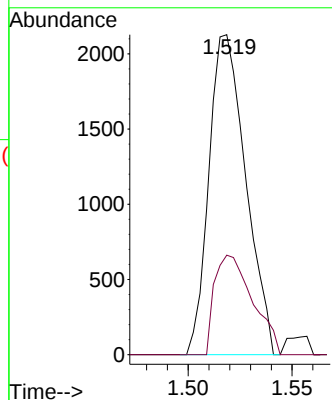
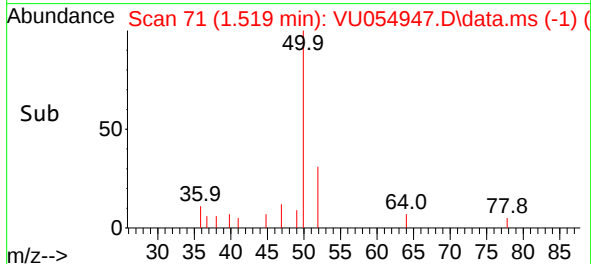


#3
Chloromethane
Concen: 0.227 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054947.D
Acq: 29 Aug 2023 11:24

Instrument :
MSVOA_U
ClientSampleId :

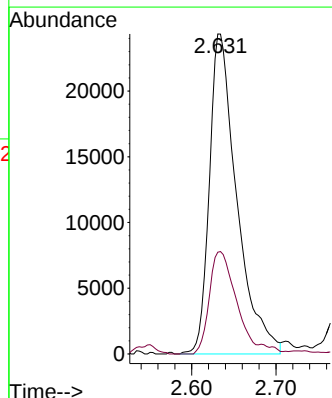
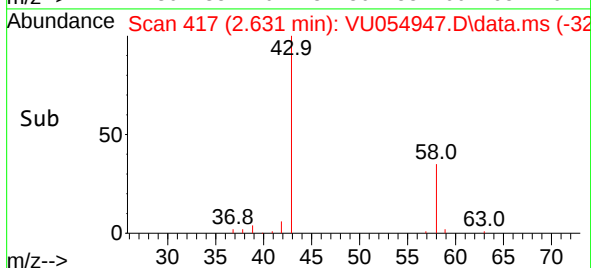
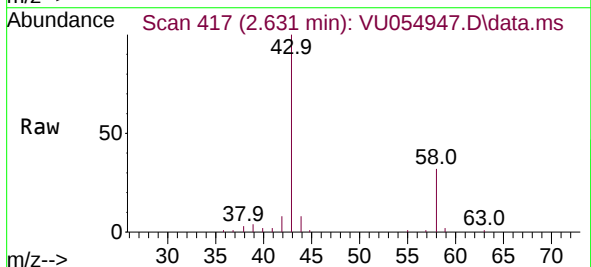


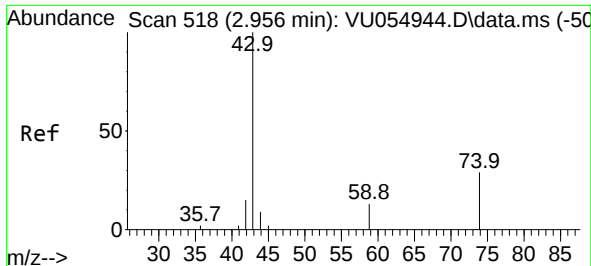
Tgt Ion: 50 Resp: 2619
Ion Ratio Lower Upper
50 100
52 31.1 23.4 43.6



#13
Acetone
Concen: 33.545 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.006 min
Lab File: VU054947.D
Acq: 29 Aug 2023 11:24

Tgt Ion: 43 Resp: 55068
Ion Ratio Lower Upper
43 100
58 32.4 0.0 64.4

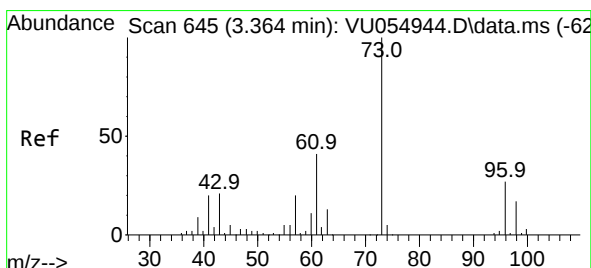
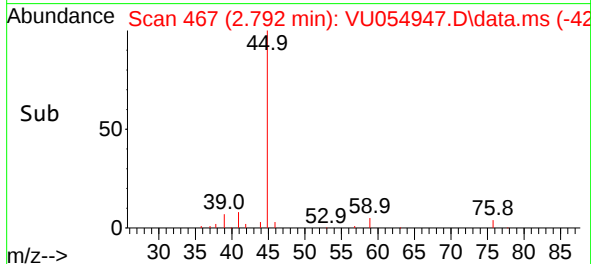
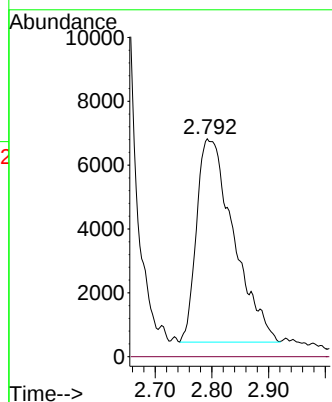
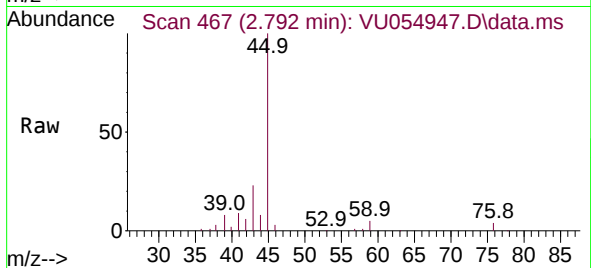




#15
Methyl Acetate
Concen: 8.612 ug/L
RT: 2.792 min Scan# 41
Delta R.T. -0.164 min
Lab File: VU054947.D
Acq: 29 Aug 2023 11:24

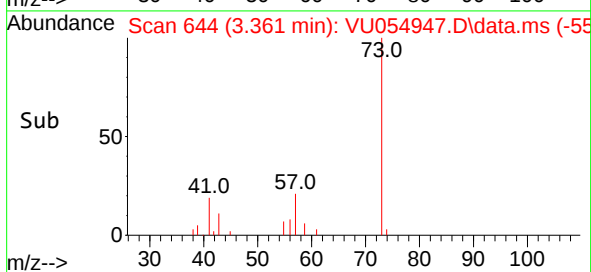
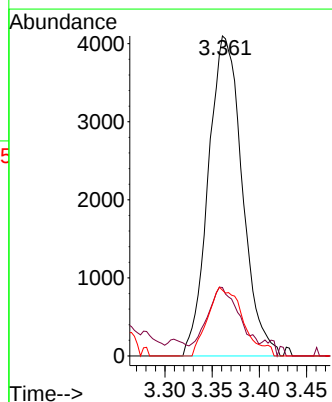
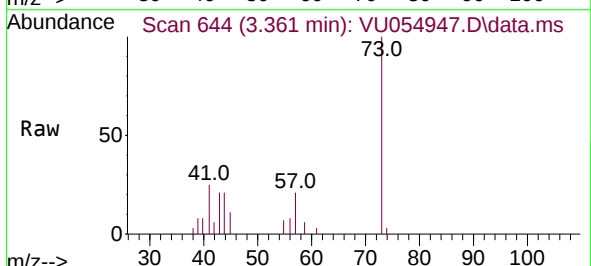
Instrument :
MSVOA_U
ClientSampleId :

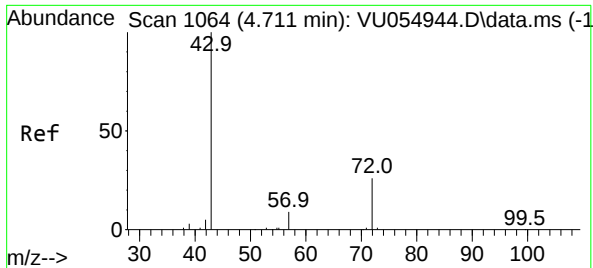
Tgt Ion: 43 Resp: 28941
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#17
Methyl tert-butyl Ether
Concen: 0.435 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU054947.D
Acq: 29 Aug 2023 11:24

Tgt Ion: 73 Resp: 10198
Ion Ratio Lower Upper
73 100
43 18.7 16.2 24.2
57 22.2 17.4 26.0





#21

2-Butanone

Concen: 13.420 ug/L

RT: 4.718 min Scan# 1066

Delta R.T. 0.007 min

Lab File: VU054947.D

Acq: 29 Aug 2023 11:24

Instrument :

MSVOA_U

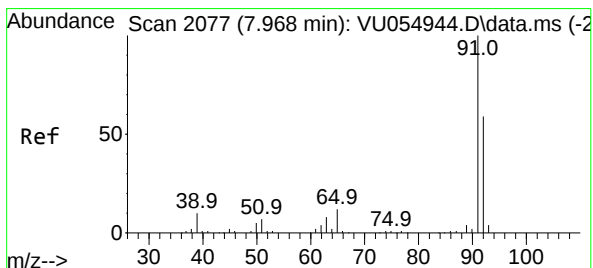
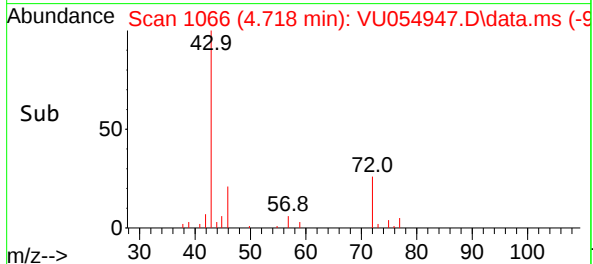
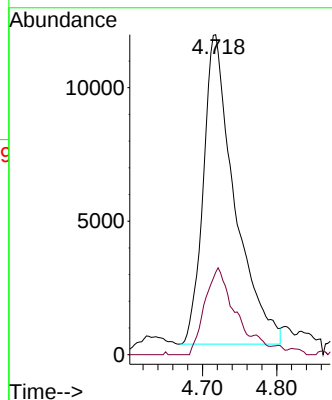
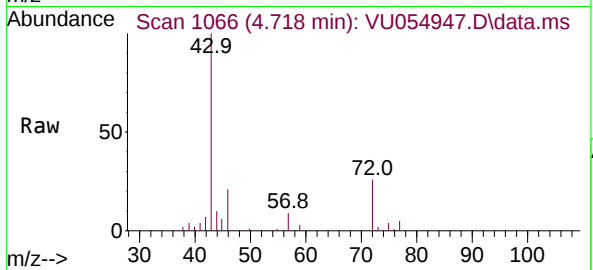
ClientSampleId :

Tgt Ion: 43 Resp: 33758

Ion Ratio Lower Upper

43 100

72 25.8 14.1 42.3



#42

Toluene

Concen: 0.195 ug/L

RT: 7.972 min Scan# 2078

Delta R.T. 0.003 min

Lab File: VU054947.D

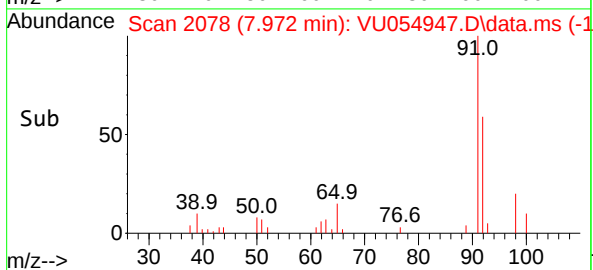
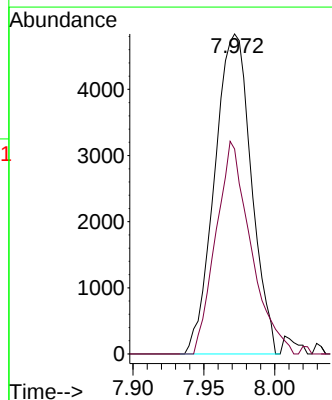
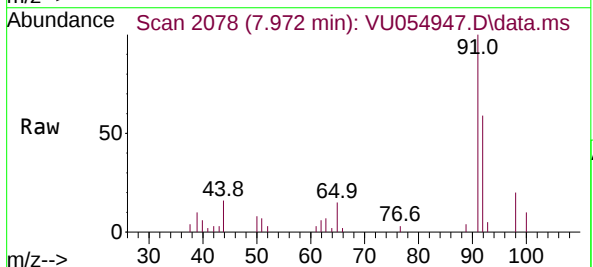
Acq: 29 Aug 2023 11:24

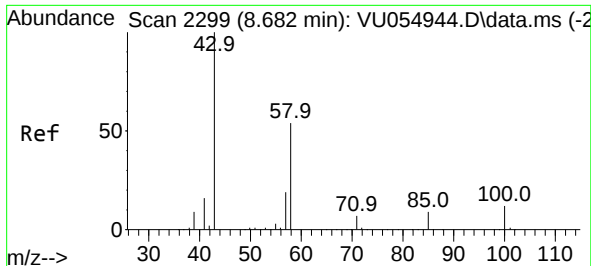
Tgt Ion: 91 Resp: 8728

Ion Ratio Lower Upper

91 100

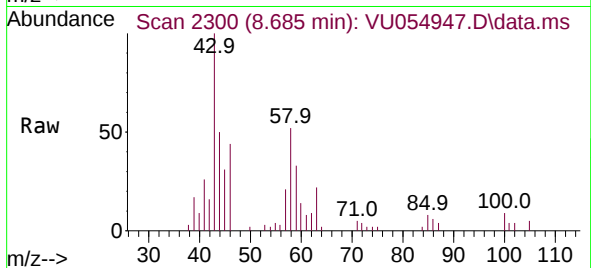
92 64.0 41.2 76.4



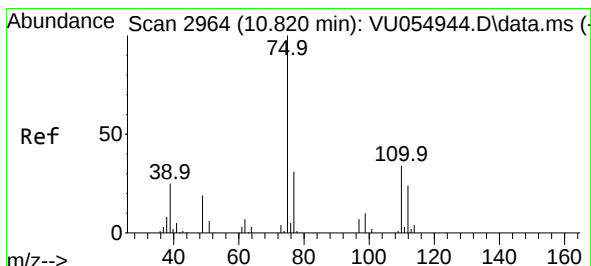
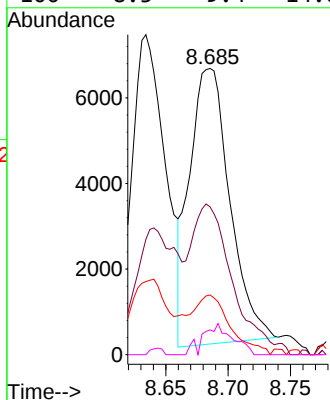
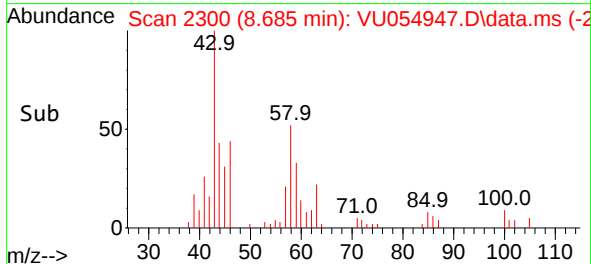


#48
2-Hexanone
Concen: 3.126 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054947.D
Acq: 29 Aug 2023 11:24

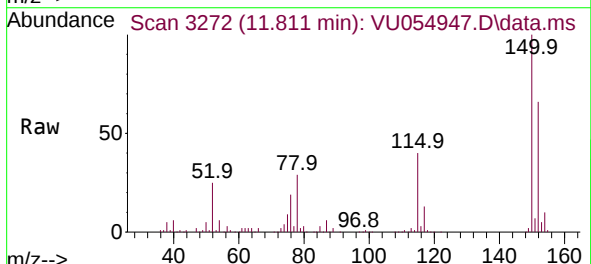
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 14499
Ion Ratio Lower Upper
43 100
58 57.4 44.0 66.0
57 19.7 15.9 23.9
100 8.3 9.4 14.0#



#61
1,2,3-Trichloropropane
Concen: 1.841 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.991 min
Lab File: VU054947.D
Acq: 29 Aug 2023 11:24



Tgt Ion: 75 Resp: 12439
Ion Ratio Lower Upper
75 100
110 1.6 29.0 43.6#
77 32.6 26.5 39.7

