

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054938.D
 Acq On : 28 Aug 2023 21:05
 Operator : MD/SY
 Sample : 04173-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:02:50 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)

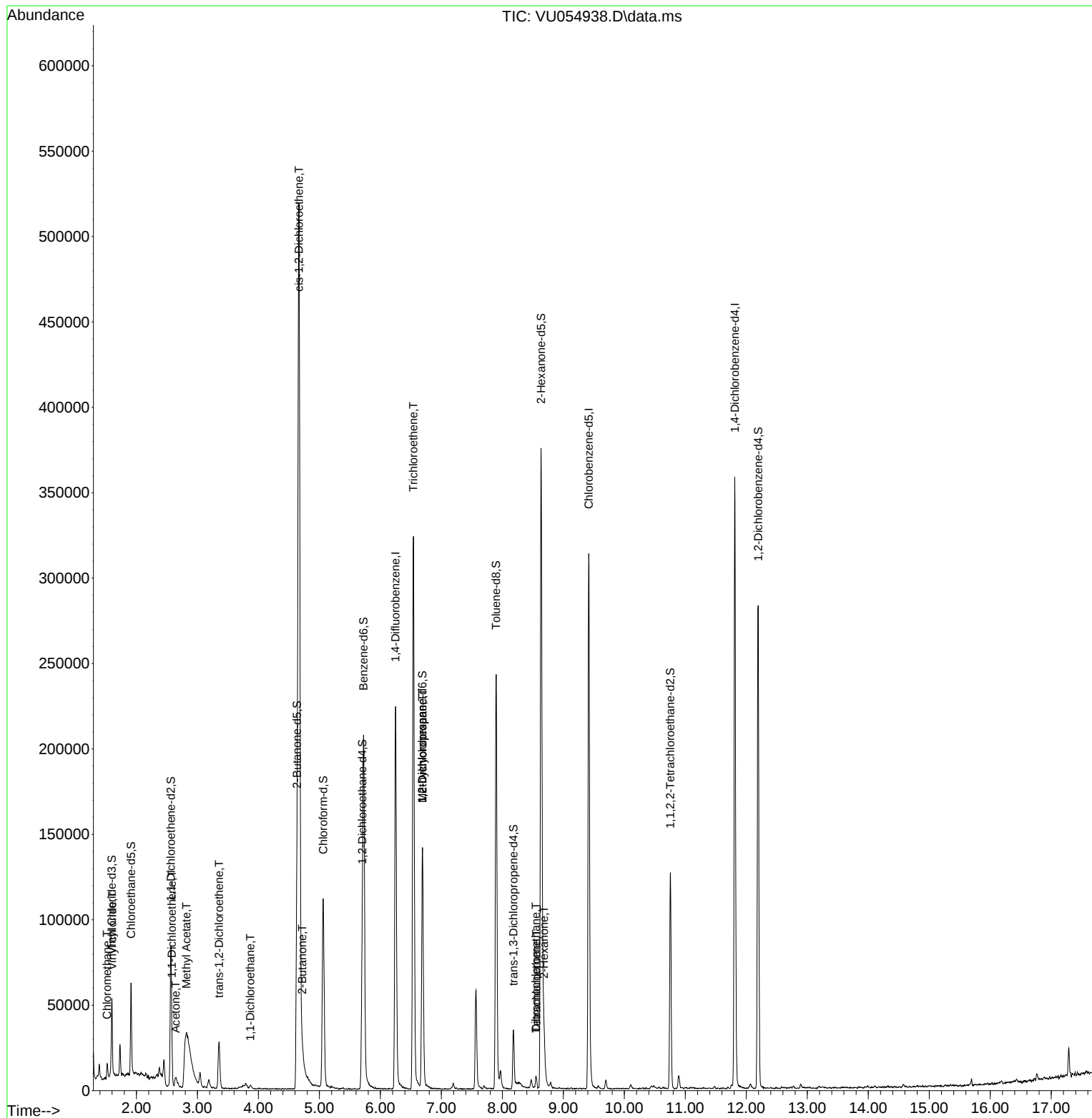
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	175699	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	169825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25068	4.521	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.911	69	34830	4.862	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.563	65	14969	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.631	46	186171	62.195	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.380%
24) Chloroform-d	5.062	84	99743	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.702	65	56704	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.724	84	186454	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.689	67	66595	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.898	98	167600	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.181	79	19904	4.505	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.634	63	128679	61.359	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60795	5.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	70325	4.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	6614	0.582	ug/L	89
5) Vinyl chloride	1.602	62	5099	0.432	ug/L #	77
12) 1,1-Dichloroethene	2.579	96	4035	0.509	ug/L #	1
13) Acetone	2.644	43	10843	6.701	ug/L	86
15) Methyl Acetate	2.817	43	13260	4.003	ug/L #	51
18) trans-1,2-Dichloroethene	3.354	96	11102	1.281	ug/L	86
19) 1,1-Dichloroethane	3.866	63	2585	0.142	ug/L	95
21) 2-Butanone	4.718	43	25392	10.242	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	242611	23.472	ug/L	93
34) Trichloroethene	6.541	95	109286	9.843	ug/L	98
35) Methylcyclohexane	6.689	83	15171	0.924	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	6976	0.625	ug/L #	90
47) Tetrachloroethene	8.557	164	1517	0.190	ug/L	76
48) 2-Hexanone	8.682	43	15434	3.347	ug/L #	86
49) Dibromochloromethane	8.547	129	1380	0.158	ug/L #	6

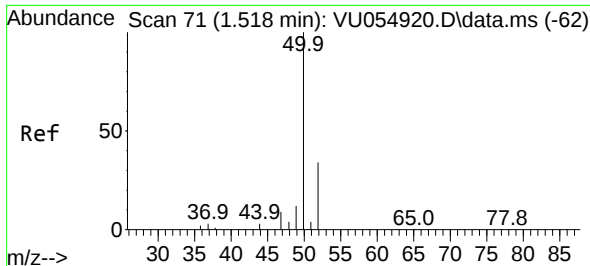
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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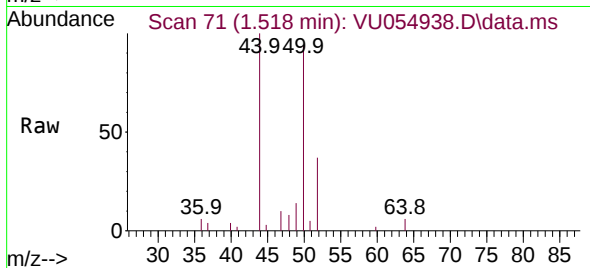


#3
 Chloromethane
 Concen: 0.582 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054938.D
 Acq: 28 Aug 2023 21:05

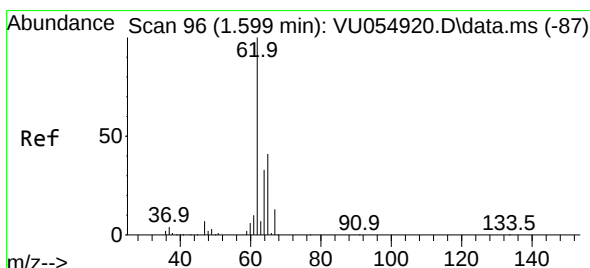
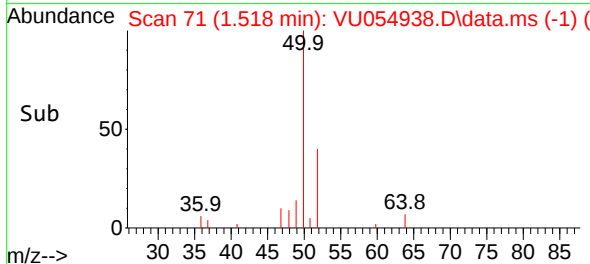
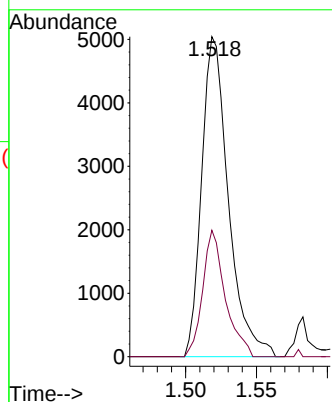
Instrument :

MSVOA_U

ClientSampleId :

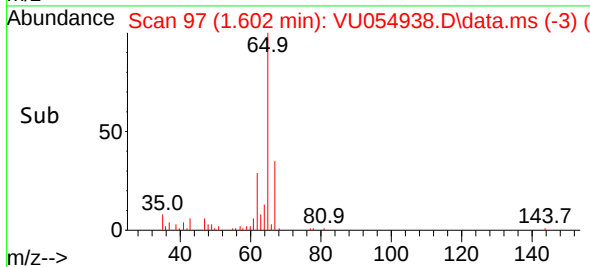
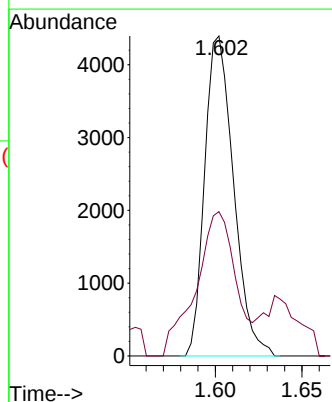
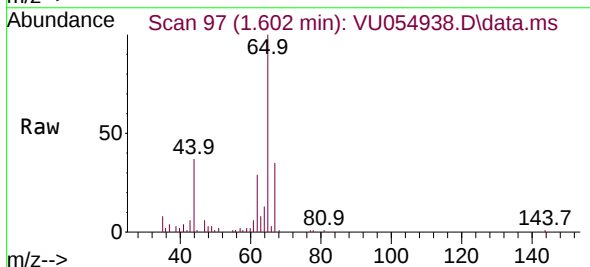


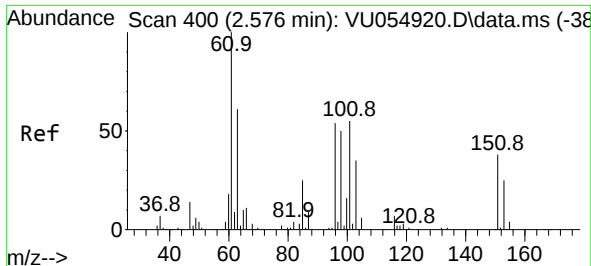
Tgt Ion: 50 Resp: 6614
 Ion Ratio Lower Upper
 50 100
 52 39.5 23.4 43.6



#5
 Vinyl chloride
 Concen: 0.432 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU054938.D
 Acq: 28 Aug 2023 21:05

Tgt Ion: 62 Resp: 5099
 Ion Ratio Lower Upper
 62 100
 64 45.1 22.7 42.1#





#12

1,1-Dichloroethene

Concen: 0.509 ug/L

RT: 2.579 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU054938.D

Acq: 28 Aug 2023 21:05

Instrument :

MSVOA_U

ClientSampleId :

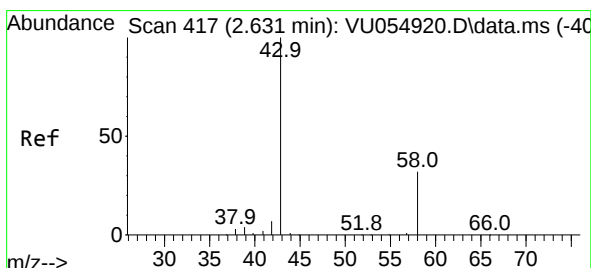
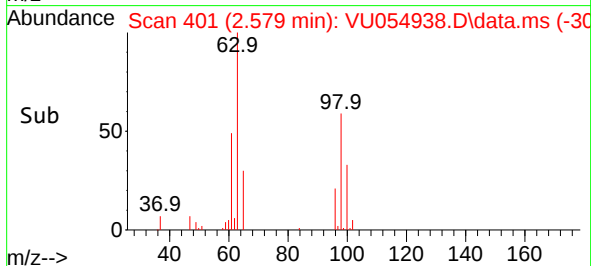
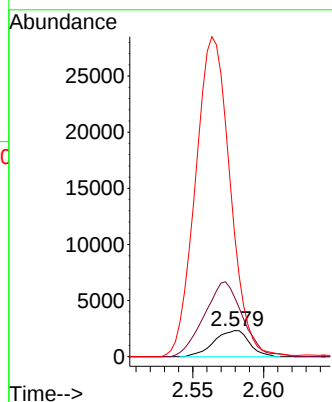
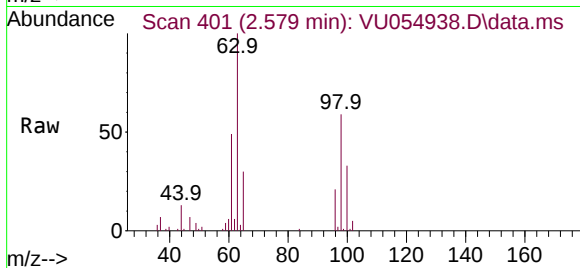
Tgt Ion: 96 Resp: 4035

Ion Ratio Lower Upper

96 100

61 227.9 132.4 245.8

63 469.8 82.5 153.1#



#13

Acetone

Concen: 6.701 ug/L

RT: 2.644 min Scan# 421

Delta R.T. 0.013 min

Lab File: VU054938.D

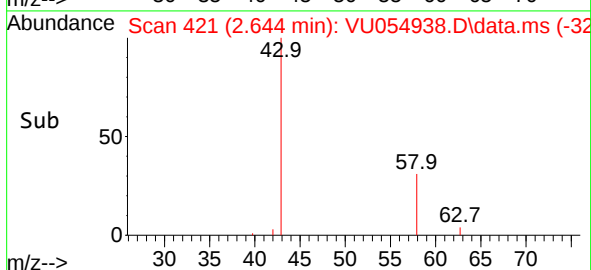
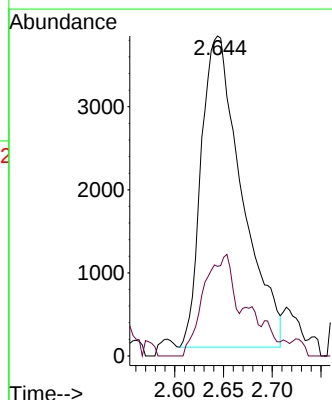
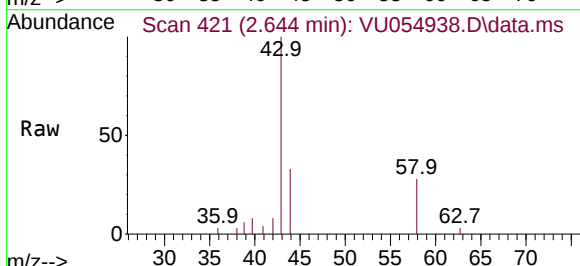
Acq: 28 Aug 2023 21:05

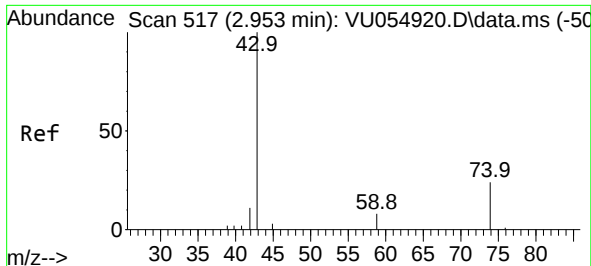
Tgt Ion: 43 Resp: 10843

Ion Ratio Lower Upper

43 100

58 24.3 0.0 64.4





#15

Methyl Acetate

Concen: 4.003 ug/L

RT: 2.817 min Scan# 41

Delta R.T. -0.135 min

Lab File: VU054938.D

Acq: 28 Aug 2023 21:05

Instrument :

MSVOA_U

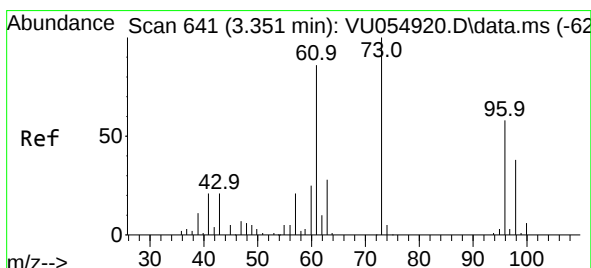
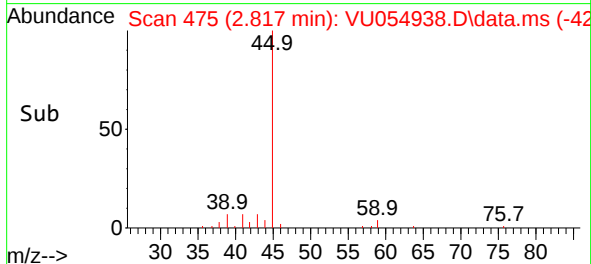
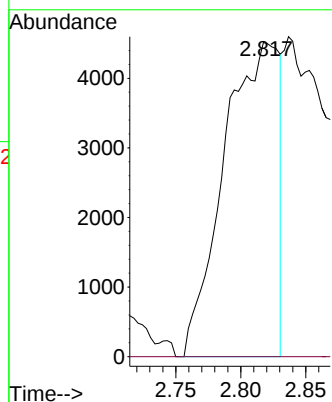
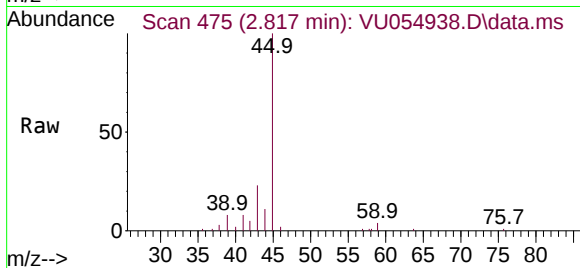
ClientSampleId :

Tgt Ion: 43 Resp: 13260

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#18

trans-1,2-Dichloroethene

Concen: 1.281 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU054938.D

Acq: 28 Aug 2023 21:05

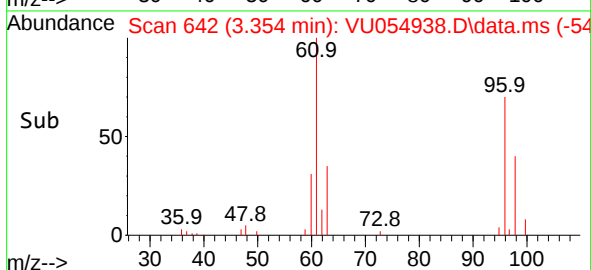
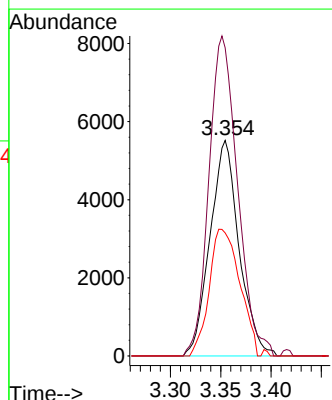
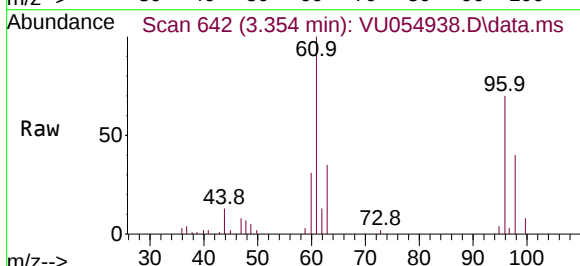
Tgt Ion: 96 Resp: 11102

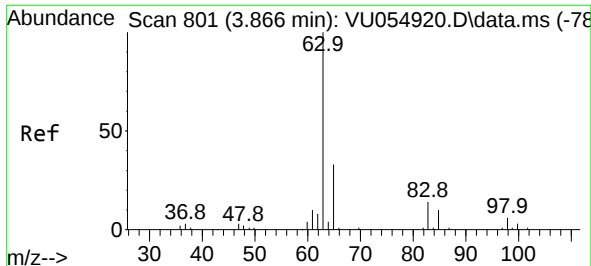
Ion Ratio Lower Upper

96 100

61 137.6 108.8 202.0

98 55.0 45.8 85.2





#19

1,1-Dichloroethane

Concen: 0.142 ug/L

RT: 3.866 min Scan# 801

Delta R.T. -0.000 min

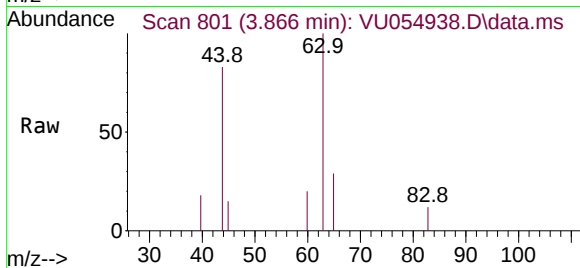
Lab File: VU054938.D

Acq: 28 Aug 2023 21:05

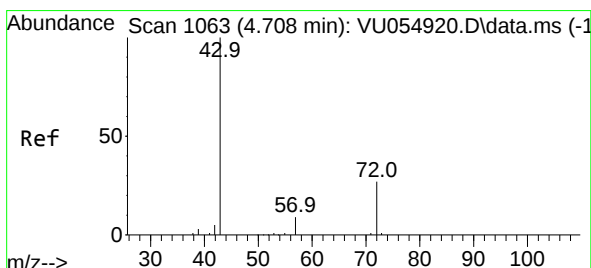
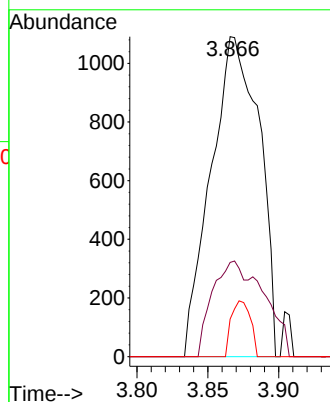
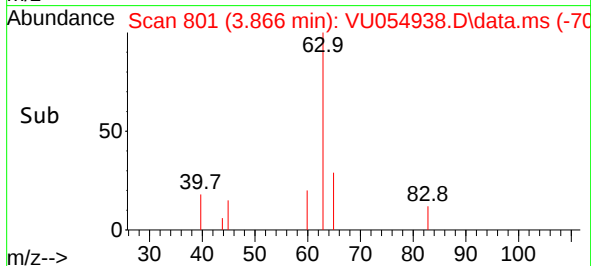
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	2585
Ion	Ratio	Lower	Upper
63	100		
65	29.4	22.5	41.7
83	11.7	9.5	17.7



#21

2-Butanone

Concen: 10.242 ug/L

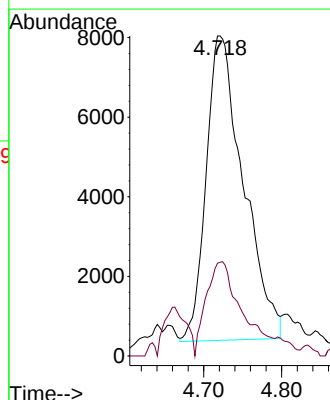
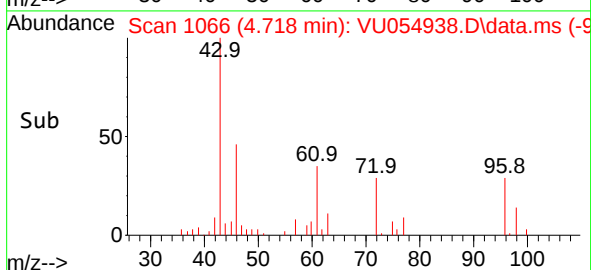
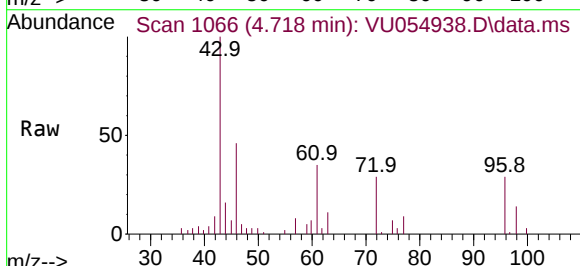
RT: 4.718 min Scan# 1066

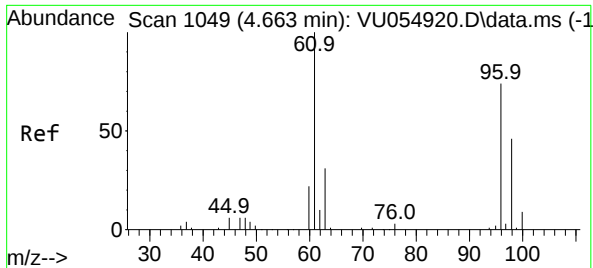
Delta R.T. 0.010 min

Lab File: VU054938.D

Acq: 28 Aug 2023 21:05

Tgt Ion:	43	Resp:	25392
Ion	Ratio	Lower	Upper
43	100		
72	30.1	14.1	42.3

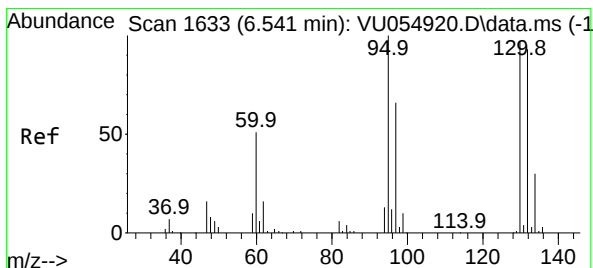
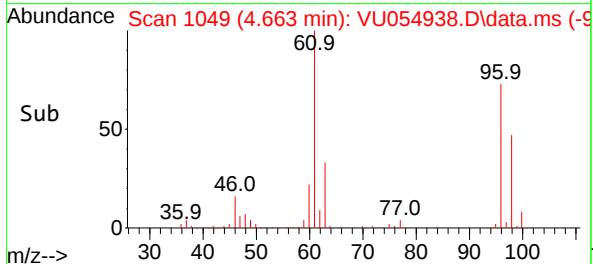
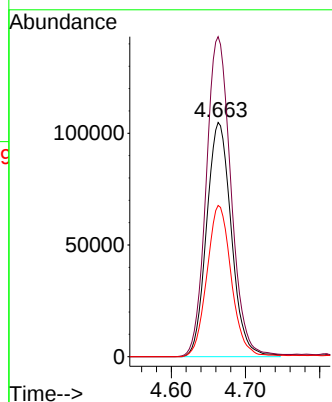
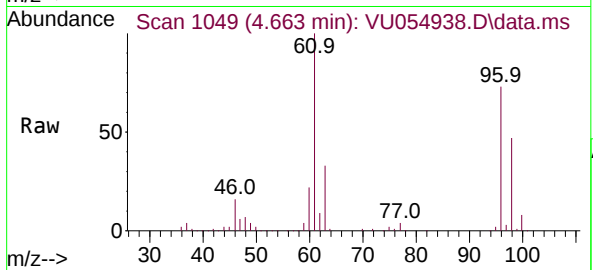




#22
 cis-1,2-Dichloroethene
 Concen: 23.472 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054938.D
 Acq: 28 Aug 2023 21:05

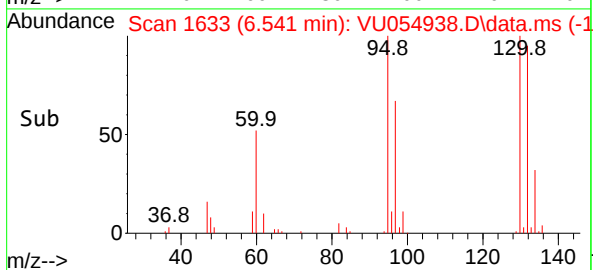
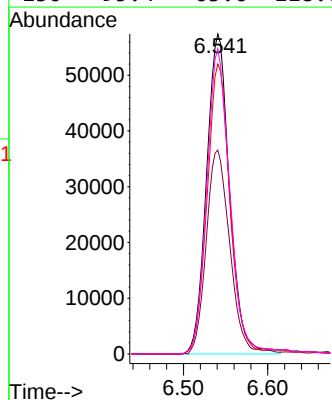
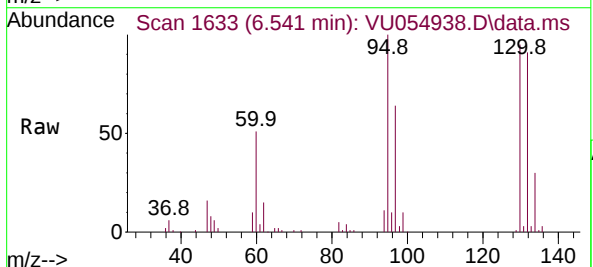
Instrument :
 MSVOA_U
 ClientSampleId :

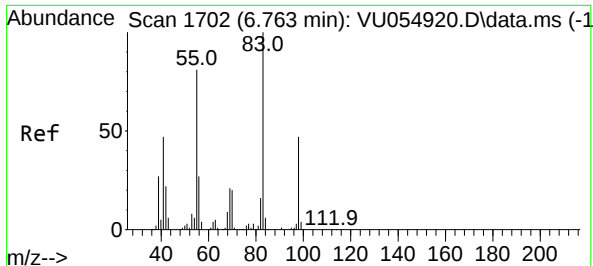
Tgt Ion: 96 Resp: 242611
 Ion Ratio Lower Upper
 96 100
 61 136.6 88.4 164.2
 98 64.6 44.0 81.6



#34
 Trichloroethene
 Concen: 9.843 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU054938.D
 Acq: 28 Aug 2023 21:05

Tgt Ion: 95 Resp: 109286
 Ion Ratio Lower Upper
 95 100
 97 63.7 44.1 81.9
 132 90.6 63.6 118.2
 130 95.4 63.6 118.0

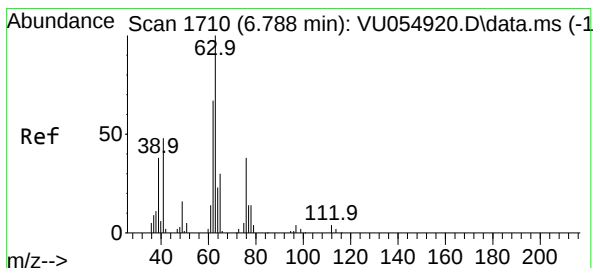
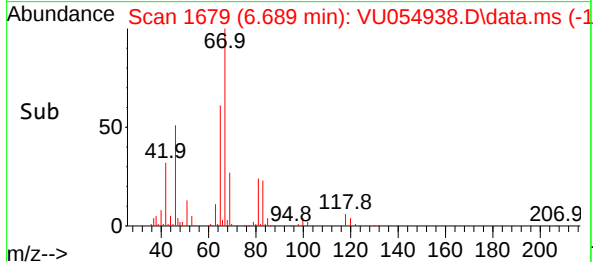
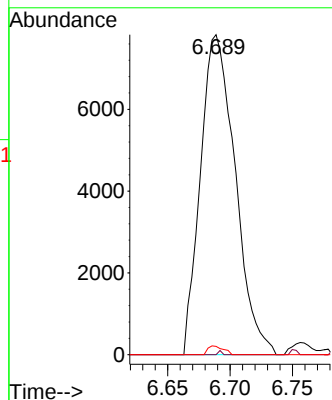
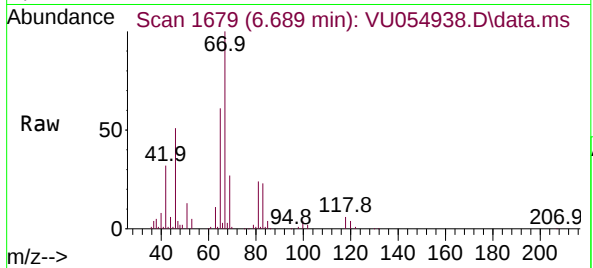




#35
Methylcyclohexane
Concen: 0.924 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU054938.D
Acq: 28 Aug 2023 21:05

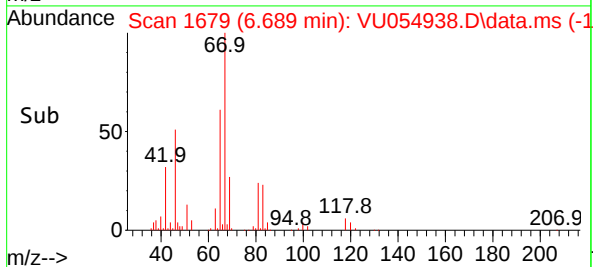
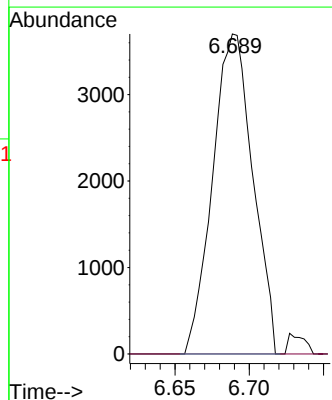
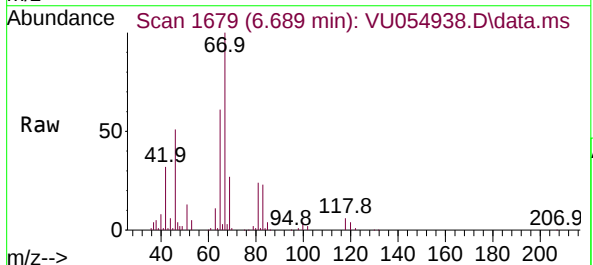
Instrument :
MSVOA_U
ClientSampleId :

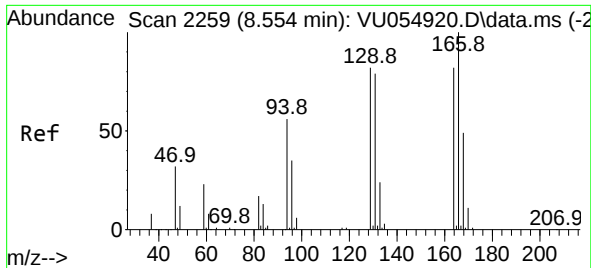
Tgt Ion: 83 Resp: 15171
Ion Ratio Lower Upper
83 100
55 0.1 62.1 93.1#
98 0.0 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU054938.D
Acq: 28 Aug 2023 21:05

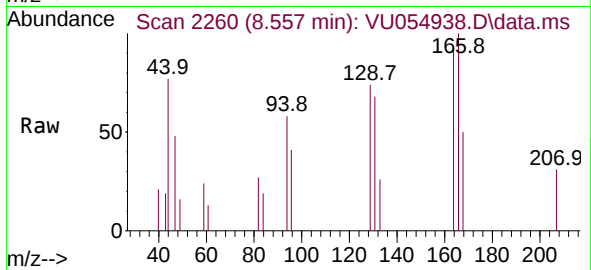
Tgt Ion: 63 Resp: 6976
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



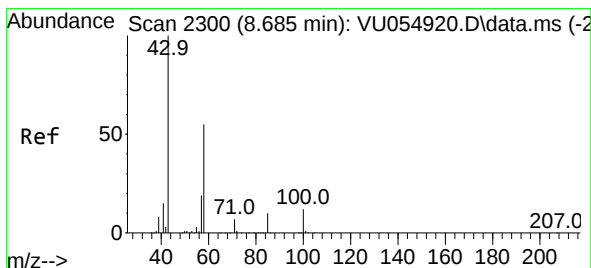
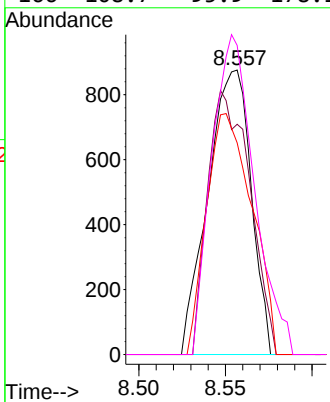
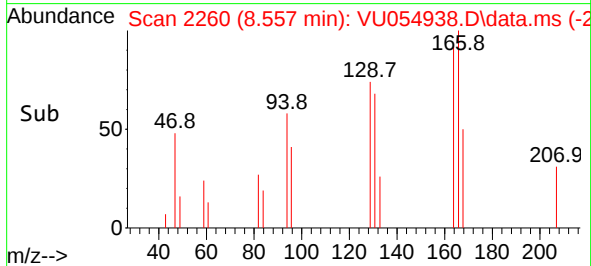


#47
Tetrachloroethene
Concen: 0.190 ug/L
RT: 8.557 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054938.D
Acq: 28 Aug 2023 21:05

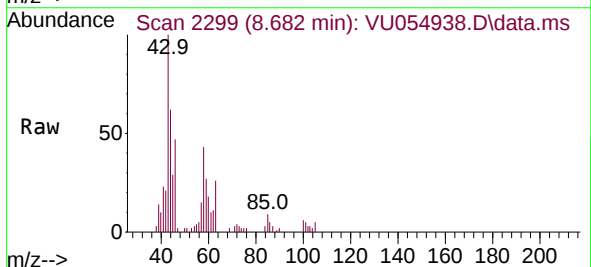
Instrument :
MSVOA_U
ClientSampleId :



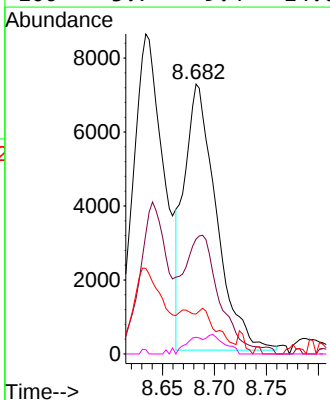
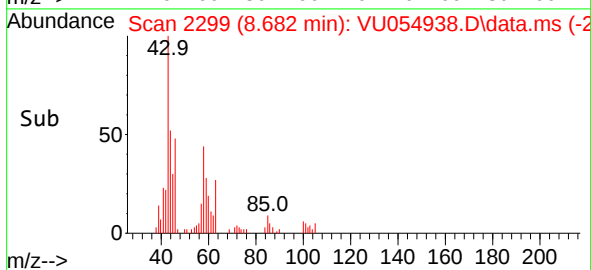
Tgt Ion:164 Resp: 1517
Ion Ratio Lower Upper
164 100
129 80.9 72.8 135.2
131 74.4 70.7 131.3
166 108.7 95.9 178.1

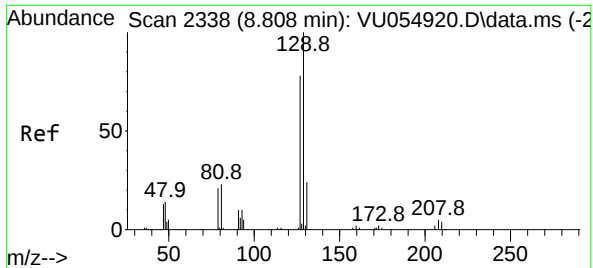


#48
2-Hexanone
Concen: 3.347 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VU054938.D
Acq: 28 Aug 2023 21:05



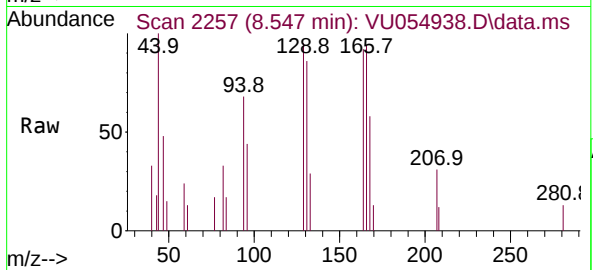
Tgt Ion: 43 Resp: 15434
Ion Ratio Lower Upper
43 100
58 47.3 44.0 66.0
57 10.4 15.9 23.9#
100 3.7 9.4 14.0#





#49
 Dibromochloromethane
 Concen: 0.158 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.260 min
 Lab File: VU054938.D
 Acq: 28 Aug 2023 21:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 1380
 Ion Ratio Lower Upper
 129 100
 127 0.0 60.5 112.5#

