

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060856.D
 Acq On : 18 Sep 2024 01:24
 Operator : MD/SY
 Sample : P3987-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P8

Quant Time: Sep 18 03:46:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 02:40:24 2024
 Response via : Initial Calibration

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

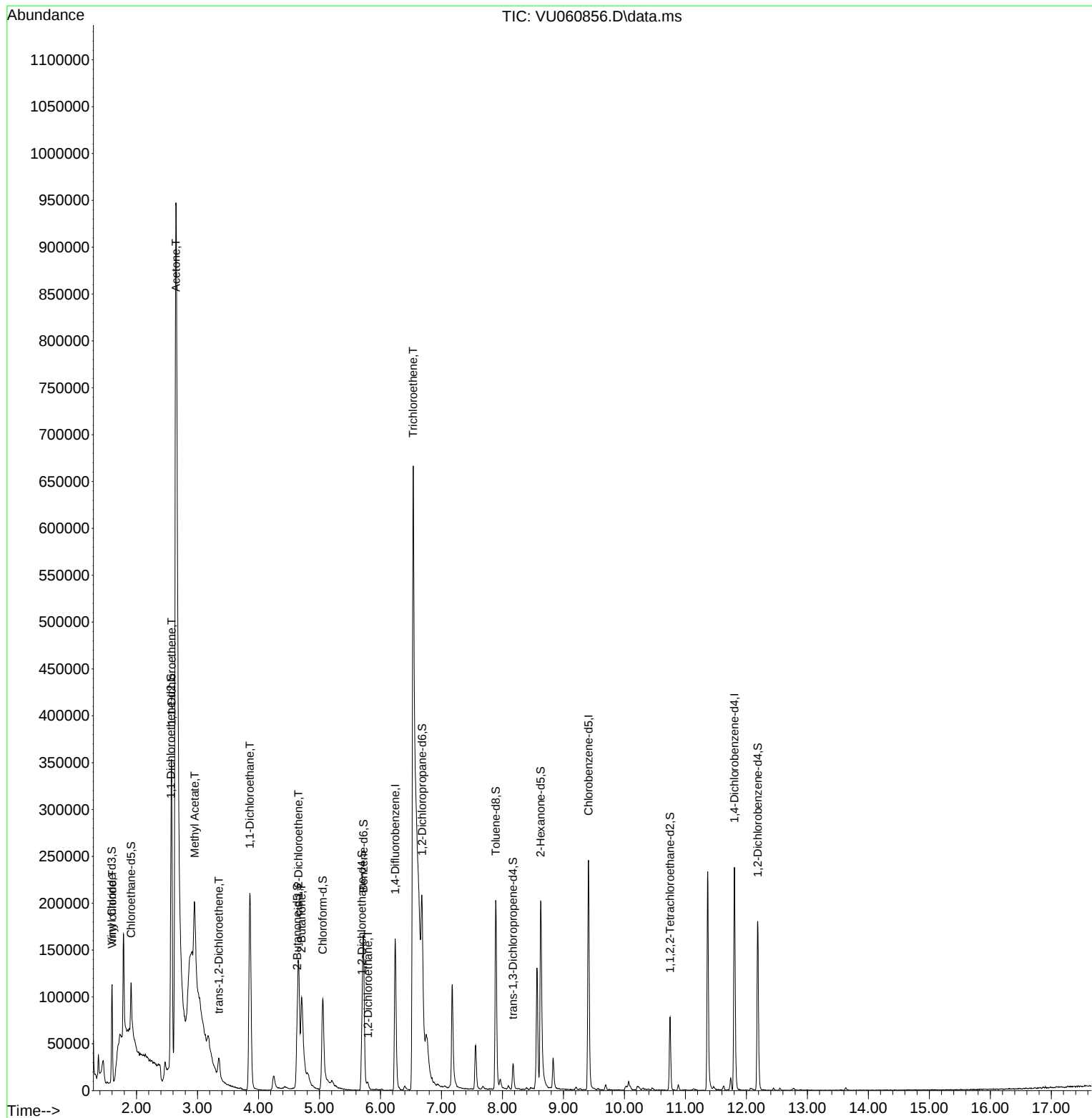
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141744	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46176	3.622	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.911	69	36788	4.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.563	65	18108	4.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.634	46	88814	43.394	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.780%
24) Chloroform-d	5.055	84	80827	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.695	65	40408	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.721	84	167376	4.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.682	67	56420	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.891	98	146760	3.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.174	79	17229	3.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.627	63	79817	44.730	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40036	4.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	54207	4.527	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
5) Vinyl chloride	1.602	62	32822	2.683	ug/L	99
12) 1,1-Dichloroethene	2.576	96	100519	11.274	ug/L #	74
13) Acetone	2.647	43	2143704	1569.976	ug/L	93
15) Methyl Acetate	2.952	43	135523	40.709	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	6496	0.703	ug/L	84
19) 1,1-Dichloroethane	3.859	63	252942	13.636	ug/L	99
21) 2-Butanone	4.708	43	160032	71.998	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	55107	5.389	ug/L	96
27) 1,2-Dichloroethane	5.795	62	4457	0.398	ug/L #	72
34) Trichloroethene	6.534	95	195825	17.927	ug/L	95

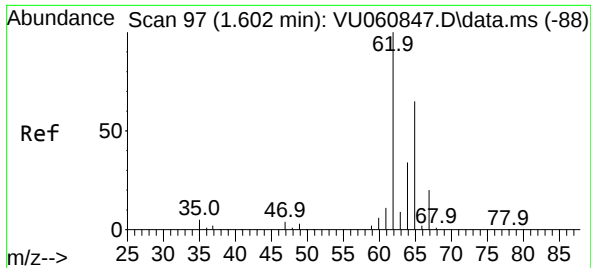
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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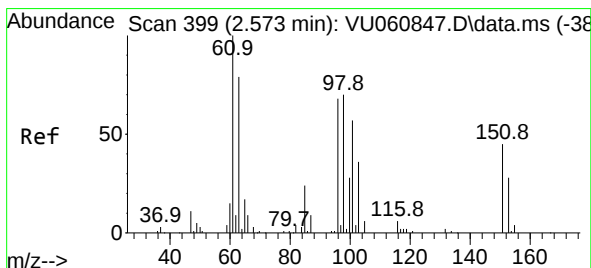
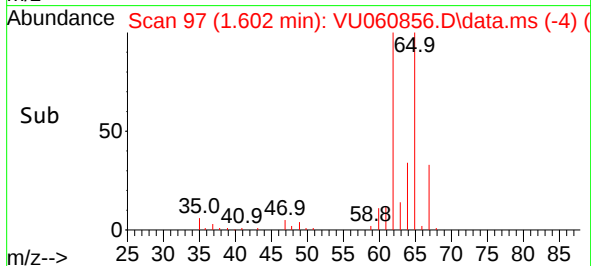
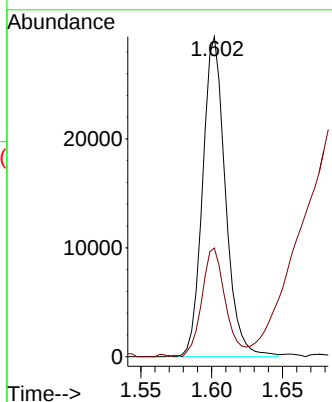
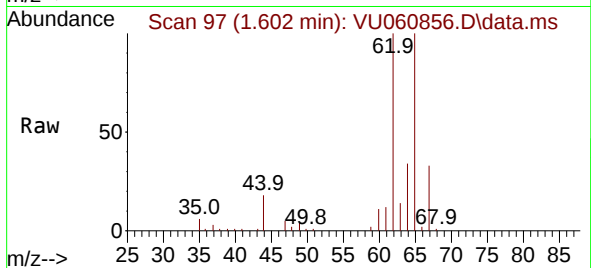




#5
 Vinyl chloride
 Concen: 2.683 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU060856.D
 Acq: 18 Sep 2024 01:24

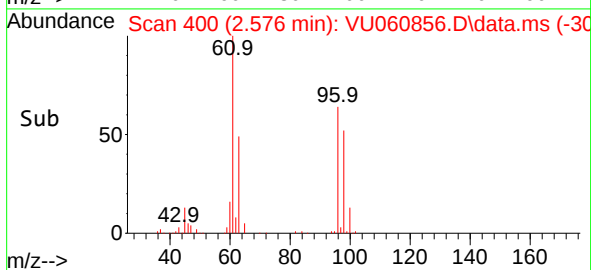
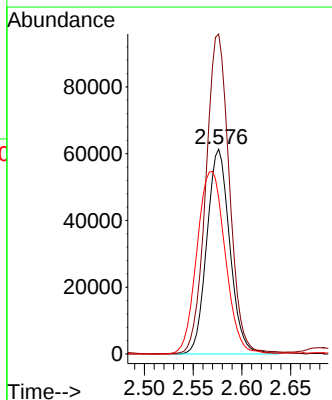
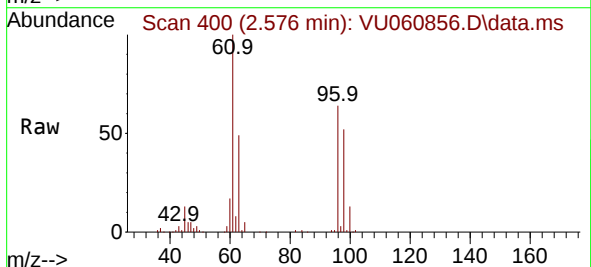
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P8

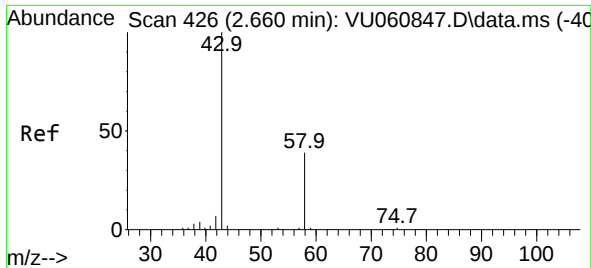
Tgt Ion: 62 Resp: 32822
 Ion Ratio Lower Upper
 62 100
 64 34.0 24.0 44.6



#12
 1,1-Dichloroethene
 Concen: 11.274 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060856.D
 Acq: 18 Sep 2024 01:24

Tgt Ion: 96 Resp: 100519
 Ion Ratio Lower Upper
 96 100
 61 156.2 120.7 224.1
 63 76.3 90.0 167.2#





#13

Acetone

Concen: 1569.976 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU060856.D

Acq: 18 Sep 2024 01:24

Instrument :

MSVOA_U

ClientSampleId :

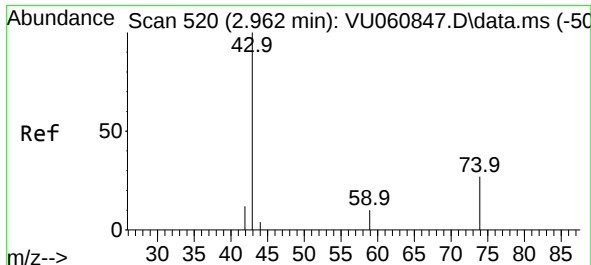
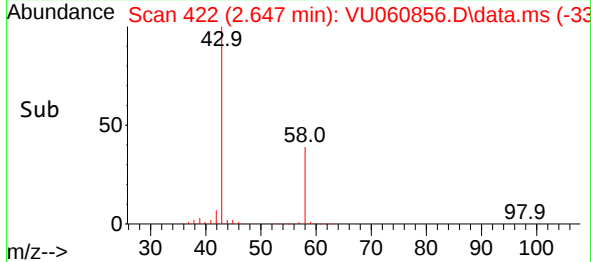
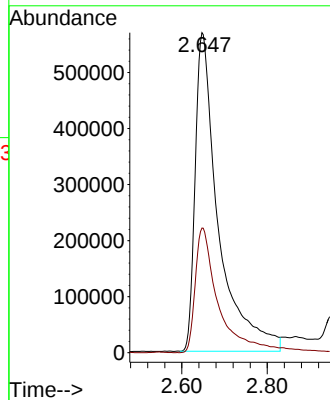
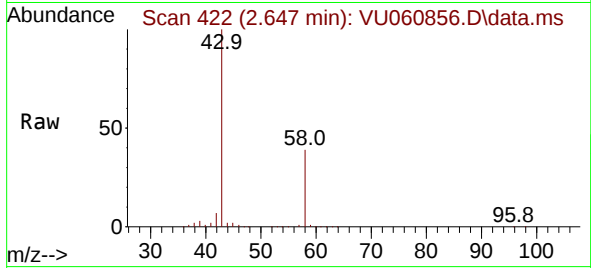
BH8P8

Tgt Ion: 43 Resp: 2143704

Ion Ratio Lower Upper

43 100

58 38.9 0.0 69.6



#15

Methyl Acetate

Concen: 40.709 ug/L

RT: 2.952 min Scan# 517

Delta R.T. -0.010 min

Lab File: VU060856.D

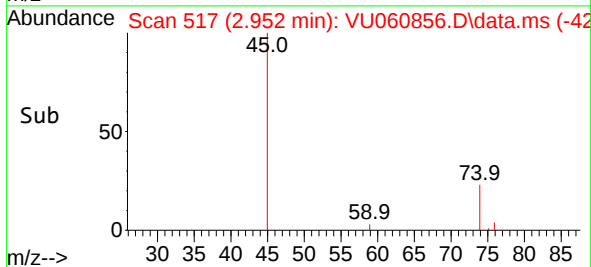
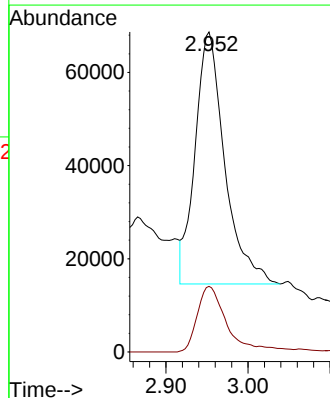
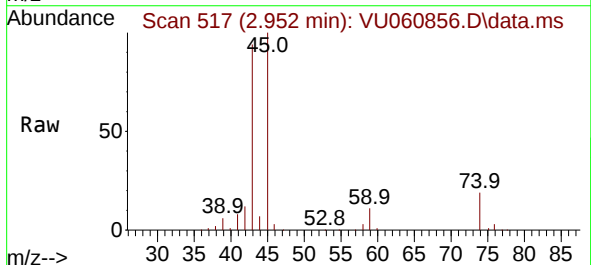
Acq: 18 Sep 2024 01:24

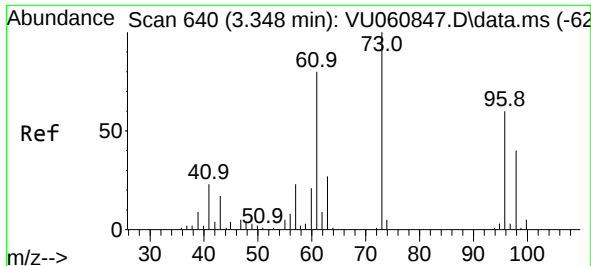
Tgt Ion: 43 Resp: 135523

Ion Ratio Lower Upper

43 100

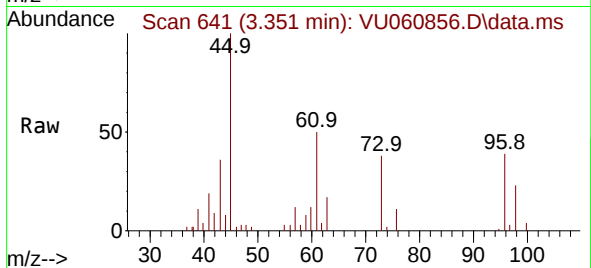
74 24.5 18.9 28.3



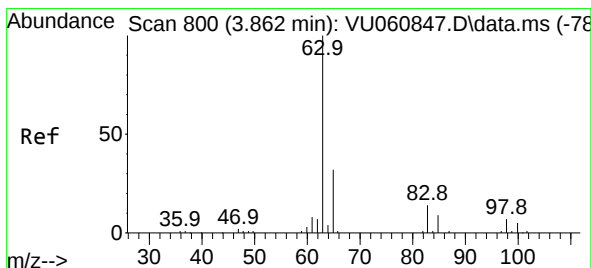
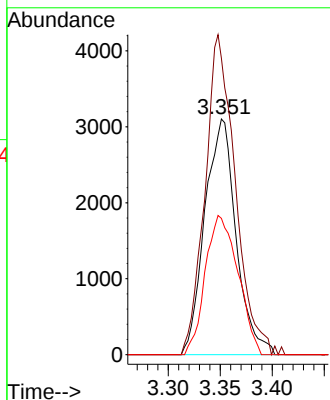
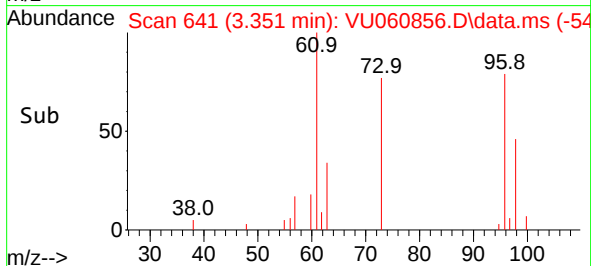


#18
trans-1,2-Dichloroethene
Concen: 0.703 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060856.D
Acq: 18 Sep 2024 01:24

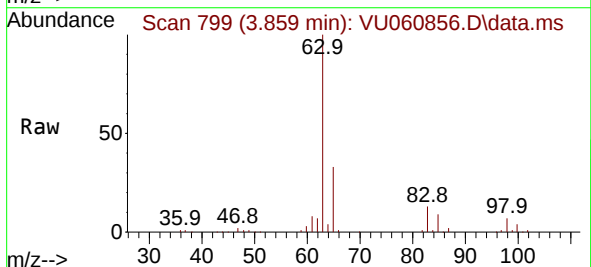
Instrument :
MSVOA_U
ClientSampleId :
BH8P8



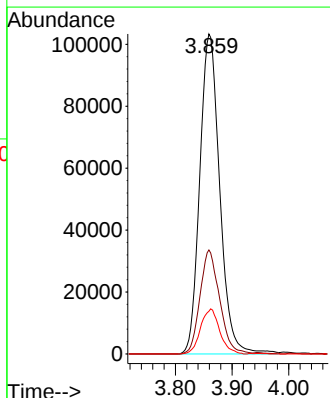
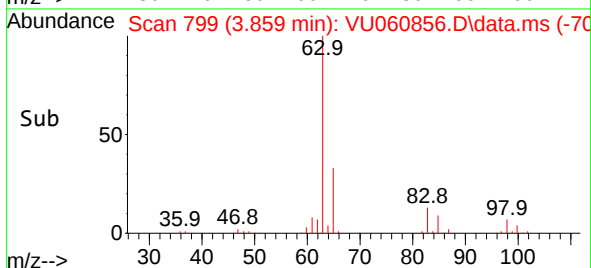
Tgt Ion: 96 Resp: 6496
Ion Ratio Lower Upper
96 100
61 116.4 97.2 180.6
98 53.5 43.3 80.5

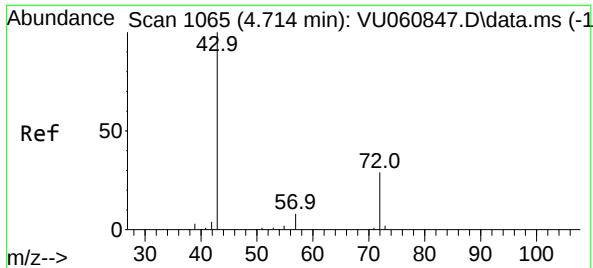


#19
1,1-Dichloroethane
Concen: 13.636 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU060856.D
Acq: 18 Sep 2024 01:24



Tgt Ion: 63 Resp: 252942
Ion Ratio Lower Upper
63 100
65 32.5 23.0 42.8
83 13.3 9.0 16.6

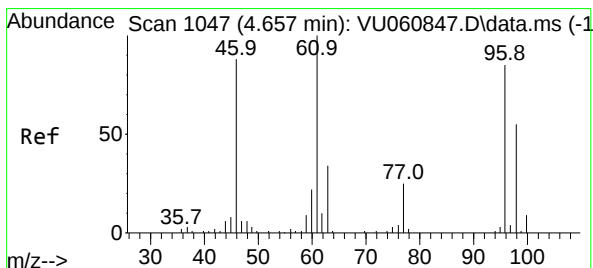
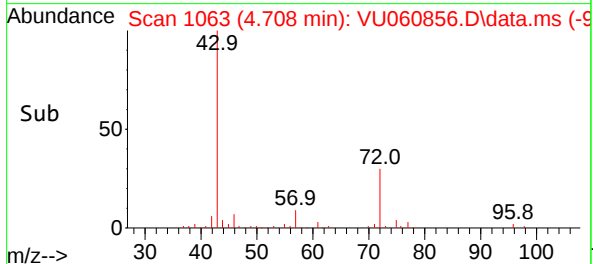
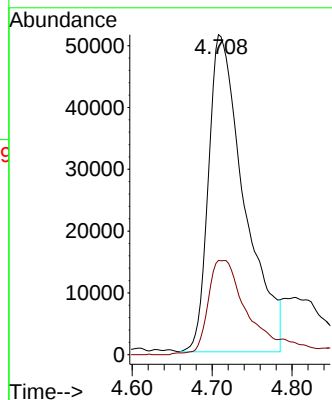
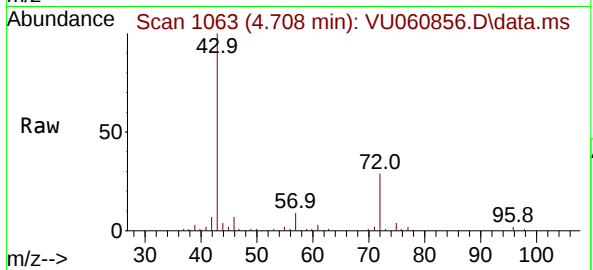




#21
2-Butanone
Concen: 71.998 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.007 min
Lab File: VU060856.D
Acq: 18 Sep 2024 01:24

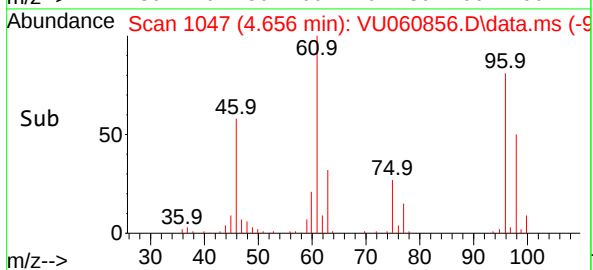
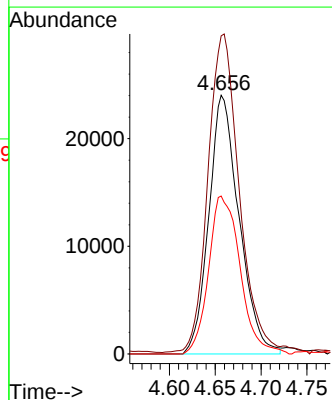
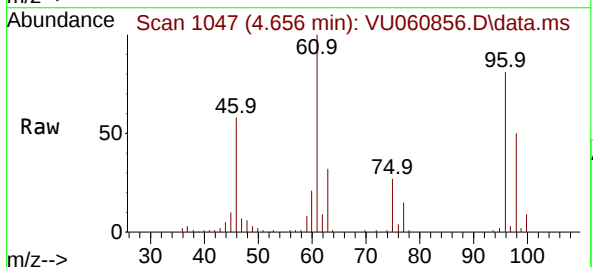
Instrument :
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ClientSampleId :
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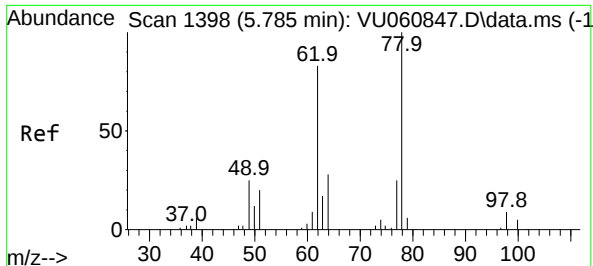
Tgt Ion: 43 Resp: 160032
Ion Ratio Lower Upper
43 100
72 31.4 14.8 44.3



#22
cis-1,2-Dichloroethene
Concen: 5.389 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060856.D
Acq: 18 Sep 2024 01:24

Tgt Ion: 96 Resp: 55107
Ion Ratio Lower Upper
96 100
61 122.9 89.7 166.5
98 61.0 45.1 83.9

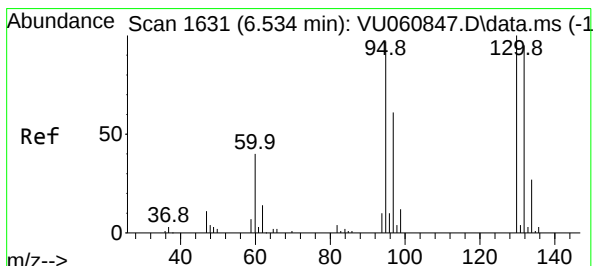
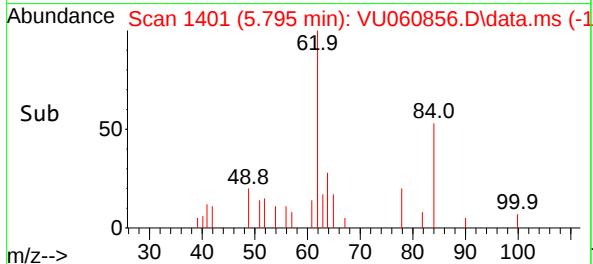
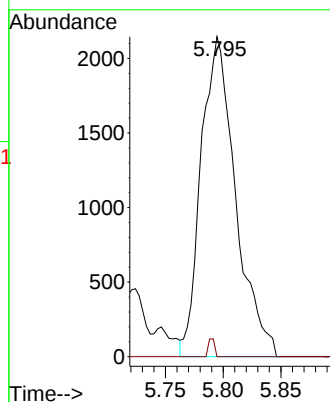
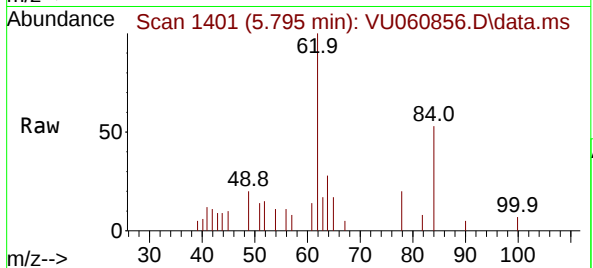




#27
1,2-Dichloroethane
Concen: 0.398 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU060856.D
Acq: 18 Sep 2024 01:24

Instrument :
MSVOA_U
ClientSampleId :
BH8P8

Tgt Ion: 62 Resp: 4457
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#34
Trichloroethene
Concen: 17.927 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU060856.D
Acq: 18 Sep 2024 01:24

Tgt Ion: 95 Resp: 195825
Ion Ratio Lower Upper
95 100
97 64.9 44.9 83.5
132 100.0 63.5 117.9
130 103.1 70.2 130.4

