

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060920.D
 Acq On : 20 Sep 2024 02:37
 Operator : MD/SY
 Sample : P3987-10DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q0DL

Quant Time: Sep 20 05:57:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

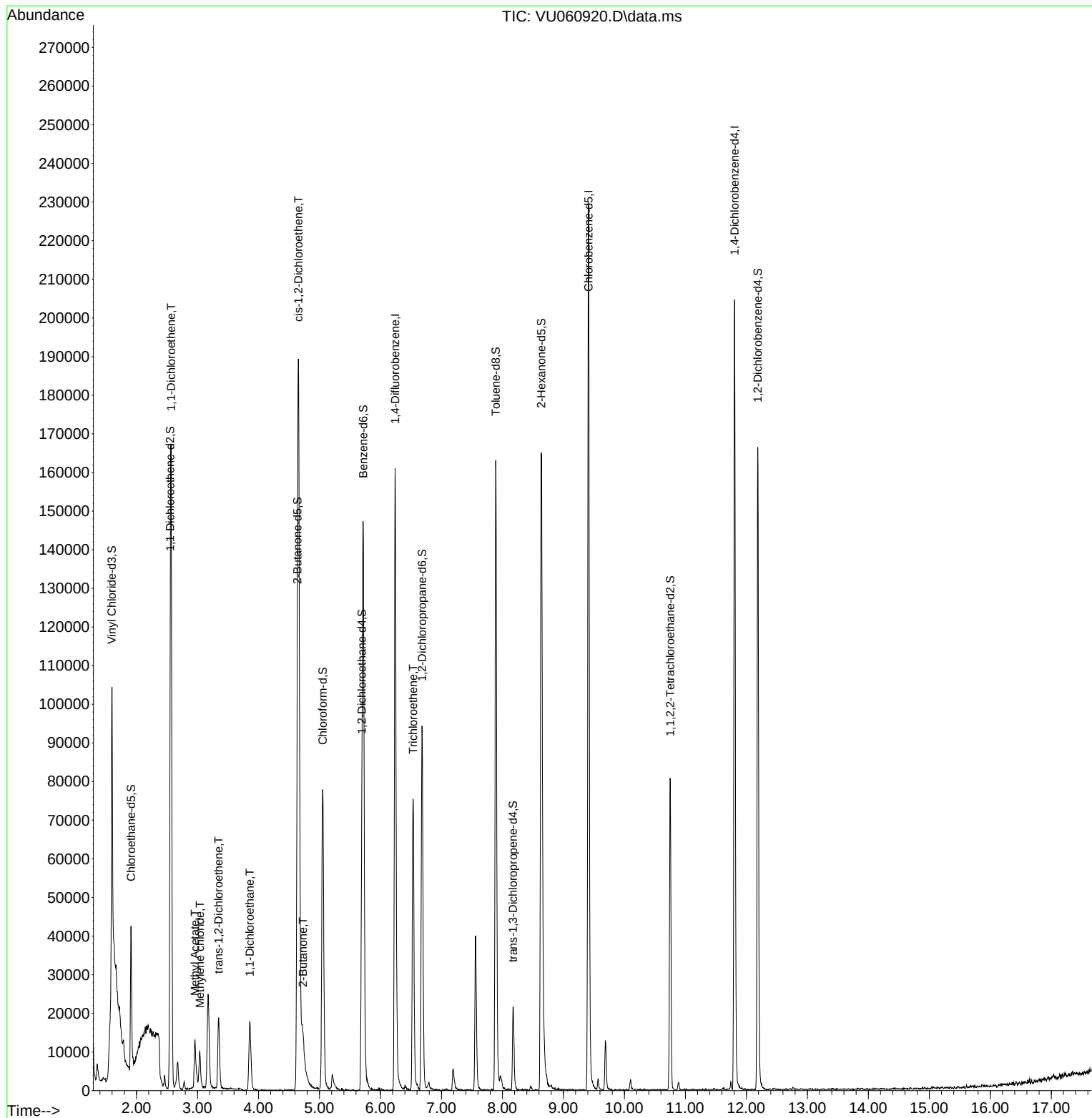
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34603	2.776	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.600%
7) Chloroethane-d5	1.911	69	30529	3.440	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	2.554	65	13940	3.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	4.637	46	82934	41.451	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.900%
24) Chloroform-d	5.052	84	80966	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.695	65	40720	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.717	84	146961	3.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.682	67	48181	4.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.891	98	119504	3.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	8.174	79	15292	3.544	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.637	63	70911	41.658	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.320%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	41632	4.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	50555	4.880	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.566	96	45903	5.266	ug/L	83
15) Methyl Acetate	2.959	43	17177	5.278	ug/L #	89
16) Methylene chloride	3.039	84	4919	0.487	ug/L	87
18) trans-1,2-Dichloroethene	3.345	96	8804	0.975	ug/L	89
19) 1,1-Dichloroethane	3.859	63	21825	1.204	ug/L	98
21) 2-Butanone	4.727	43	22658	10.428	ug/L #	64
22) cis-1,2-Dichloroethene	4.656	96	89891	8.993	ug/L	94
34) Trichloroethene	6.534	95	27806	2.669	ug/L	94

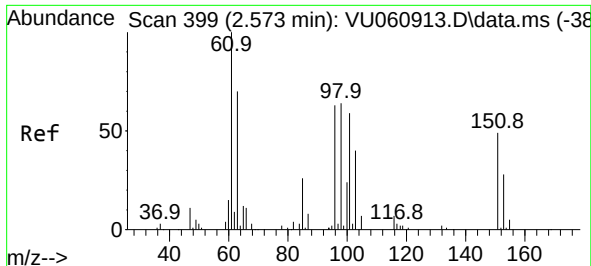
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060920.D
Acq On : 20 Sep 2024 02:37
Operator : MD/SY
Sample : P3987-10DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH8Q0DL

Quant Time: Sep 20 05:57:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.266 ug/L

RT: 2.566 min Scan# 399

Delta R.T. -0.007 min

Lab File: VU060920.D

Acq: 20 Sep 2024 02:37

Instrument :

MSVOA_U

ClientSampleId :

BH8Q0DL

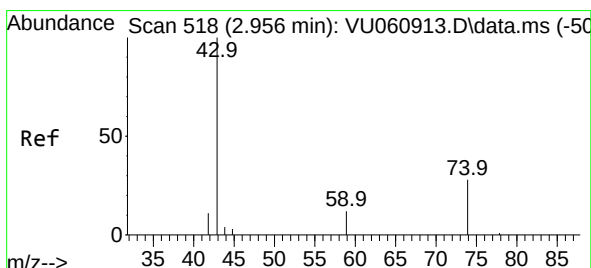
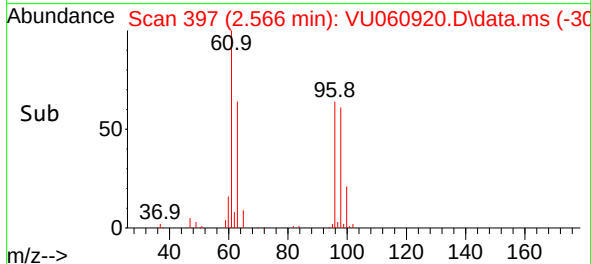
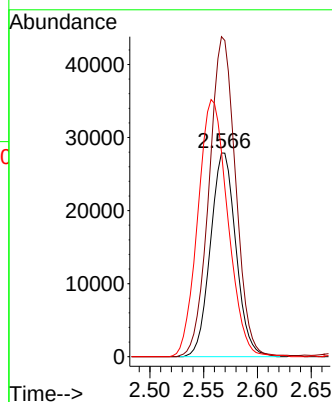
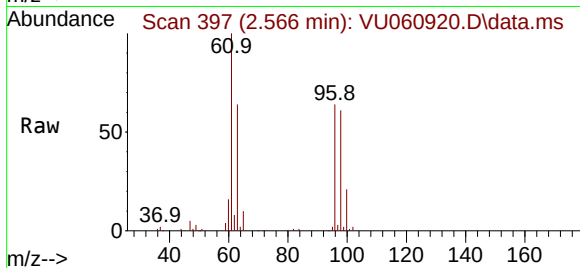
Tgt Ion: 96 Resp: 45903

Ion Ratio Lower Upper

96 100

61 157.1 120.7 224.1

63 100.6 90.0 167.2



#15

Methyl Acetate

Concen: 5.278 ug/L

RT: 2.959 min Scan# 519

Delta R.T. 0.003 min

Lab File: VU060920.D

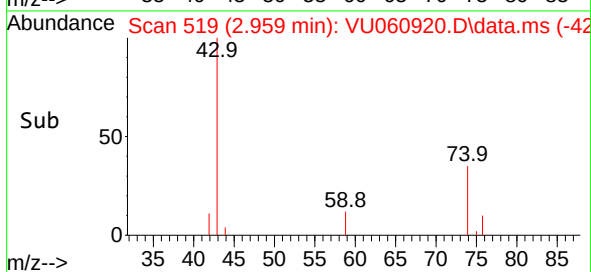
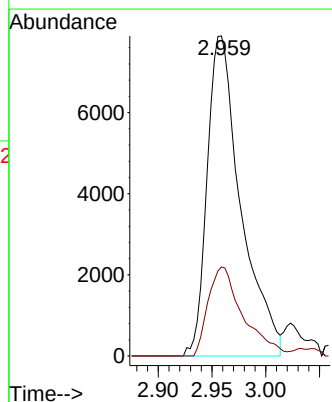
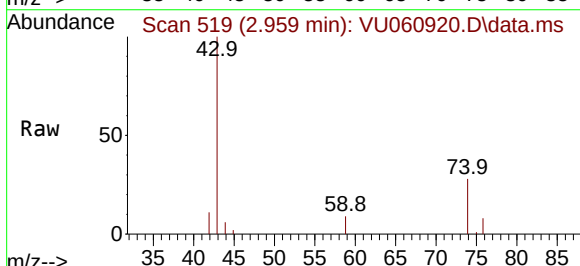
Acq: 20 Sep 2024 02:37

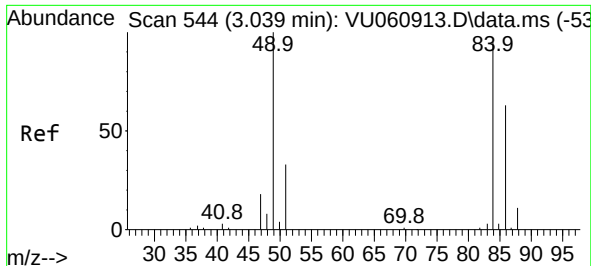
Tgt Ion: 43 Resp: 17177

Ion Ratio Lower Upper

43 100

74 28.8 18.9 28.3#

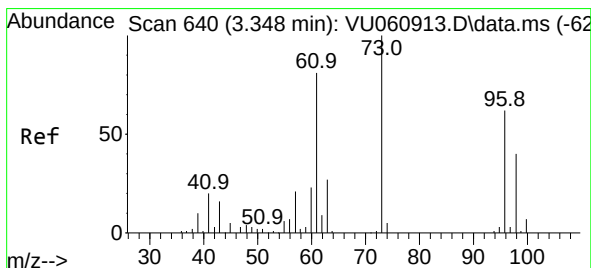
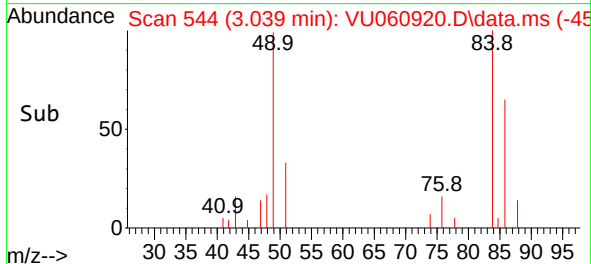
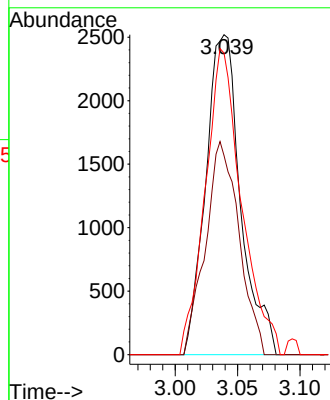
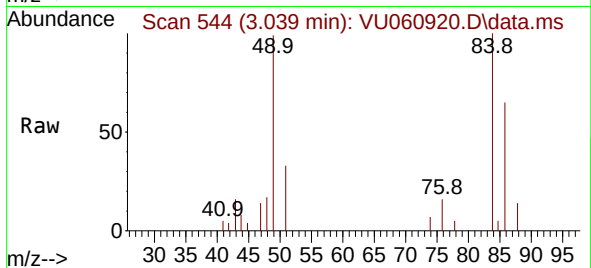




#16
Methylene chloride
Concen: 0.487 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060920.D
Acq: 20 Sep 2024 02:37

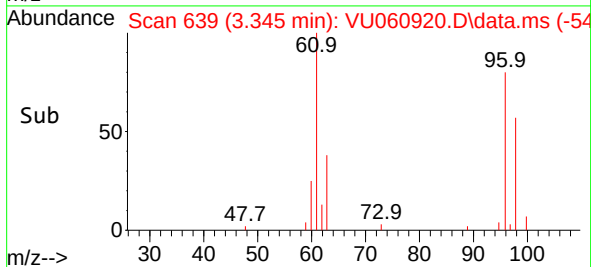
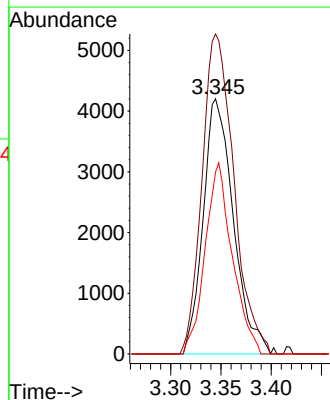
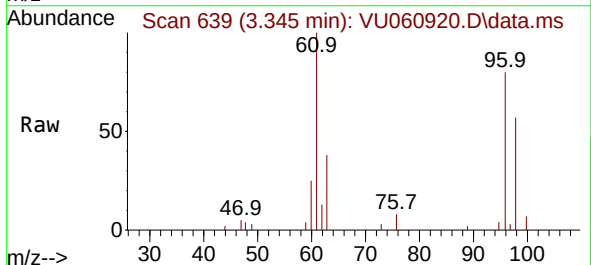
Instrument :
MSVOA_U
ClientSampleId :
BH8Q0DL

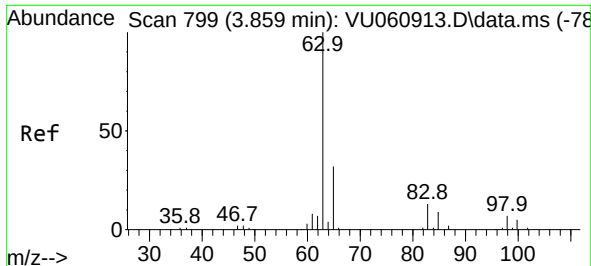
Tgt Ion: 84 Resp: 4919
Ion Ratio Lower Upper
84 100
86 62.2 47.3 87.8
49 94.2 78.7 146.1



#18
trans-1,2-Dichloroethene
Concen: 0.975 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060920.D
Acq: 20 Sep 2024 02:37

Tgt Ion: 96 Resp: 8804
Ion Ratio Lower Upper
96 100
61 125.4 97.2 180.6
98 71.3 43.3 80.5





#19

1,1-Dichloroethane

Concen: 1.204 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU060920.D

Acq: 20 Sep 2024 02:37

Instrument :

MSVOA_U

ClientSampleId :

BH8Q0DL

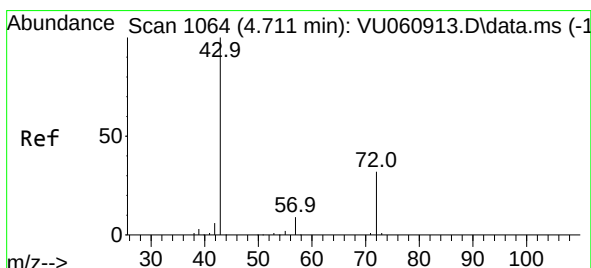
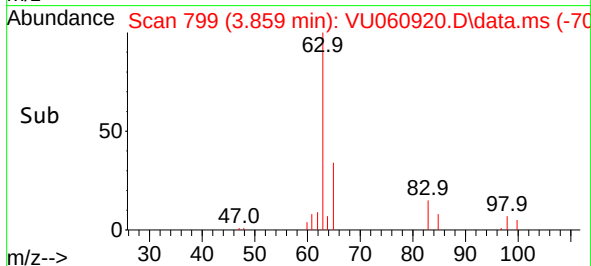
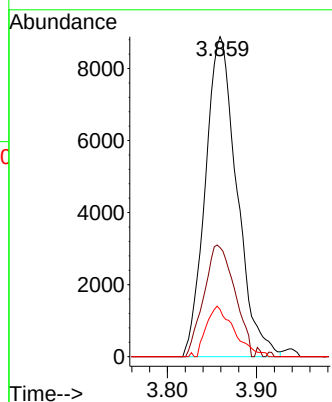
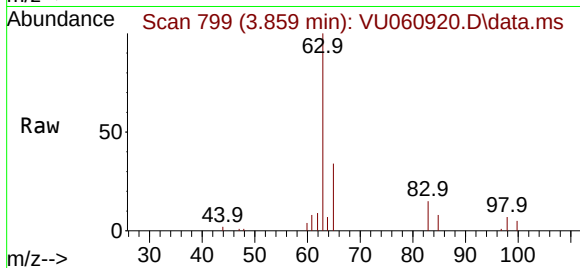
Tgt Ion: 63 Resp: 21825

Ion Ratio Lower Upper

63 100

65 31.8 23.0 42.8

83 13.7 9.0 16.6



#21

2-Butanone

Concen: 10.428 ug/L

RT: 4.727 min Scan# 1069

Delta R.T. 0.016 min

Lab File: VU060920.D

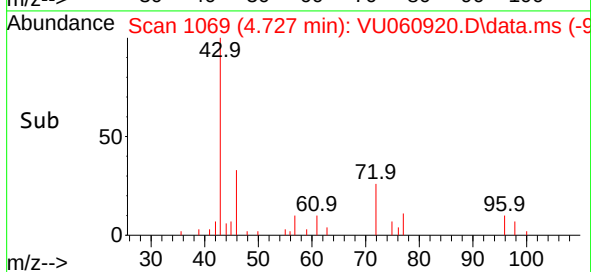
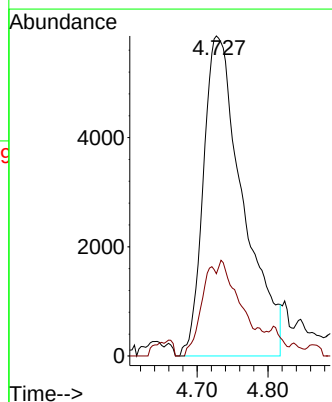
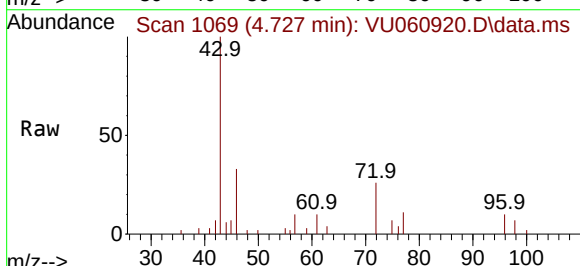
Acq: 20 Sep 2024 02:37

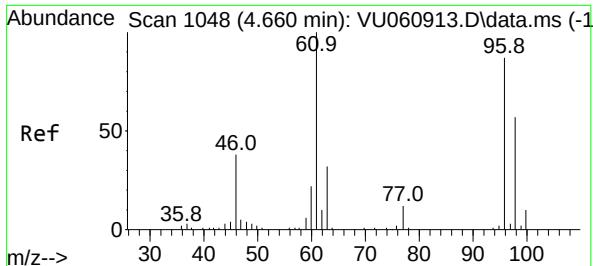
Tgt Ion: 43 Resp: 22658

Ion Ratio Lower Upper

43 100

72 10.2 14.8 44.3#





#22

cis-1,2-Dichloroethene

Concen: 8.993 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU060920.D

Acq: 20 Sep 2024 02:37

Instrument :

MSVOA_U

ClientSampleId :

BH8Q0DL

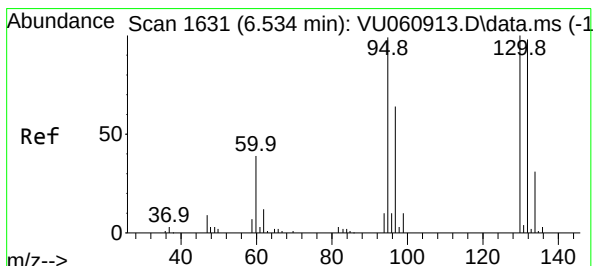
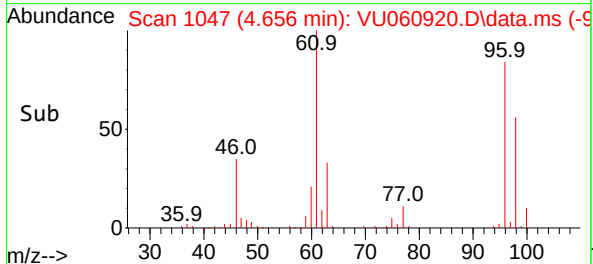
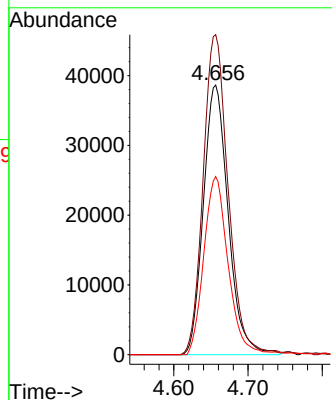
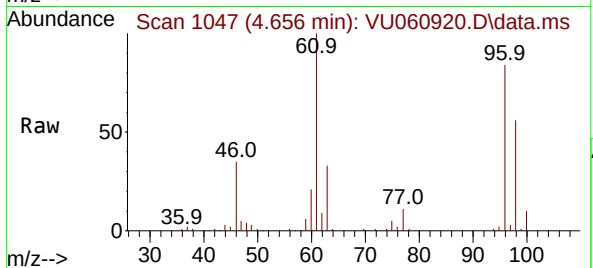
Tgt Ion: 96 Resp: 89891

Ion Ratio Lower Upper

96 100

61 118.7 89.7 166.5

98 66.1 45.1 83.9



#34

Trichloroethene

Concen: 2.669 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VU060920.D

Acq: 20 Sep 2024 02:37

Tgt Ion: 95 Resp: 27806

Ion Ratio Lower Upper

95 100

97 66.1 44.9 83.5

132 101.8 63.5 117.9

130 103.1 70.2 130.4

