

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 :

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)

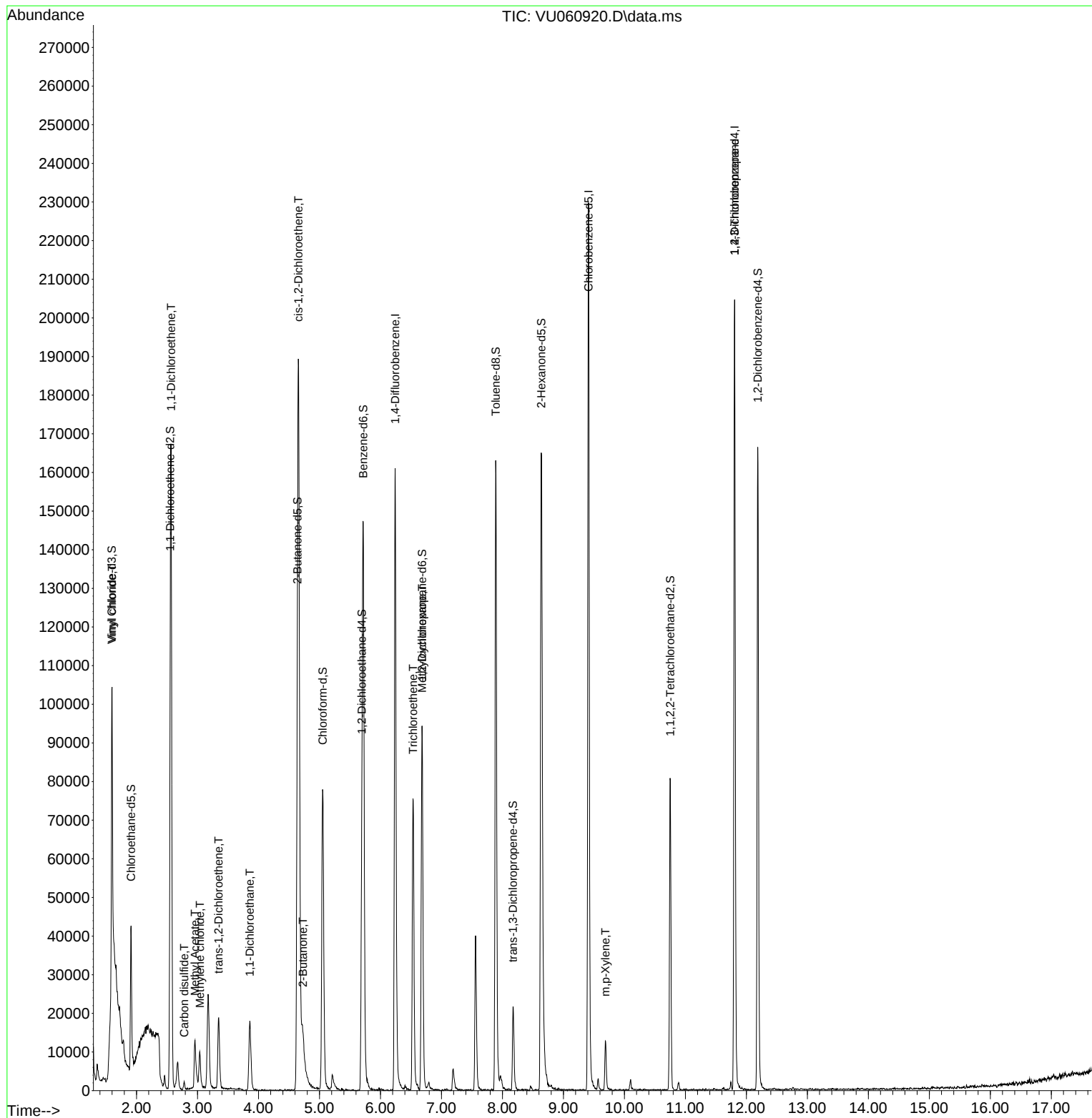
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34603	2.776	ug/L	0.00
Spiked Amount	5.000	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
5) Vinyl chloride	1.599	62	28539	2.386	ug/L #	1
12) 1,1-Dichloroethene	2.566	96	45903	5.266	ug/L	83
14) Carbon disulfide	2.782	76	2465	0.102	ug/L	99
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
35) Methylcyclohexane	6.685	83	12030	0.841	ug/L #	19
53) m,p-Xylene	9.688	106	4363	0.263	ug/L	81
61) 1,2,3-Trichloropropane	11.807	75	5990	1.042	ug/L #	66

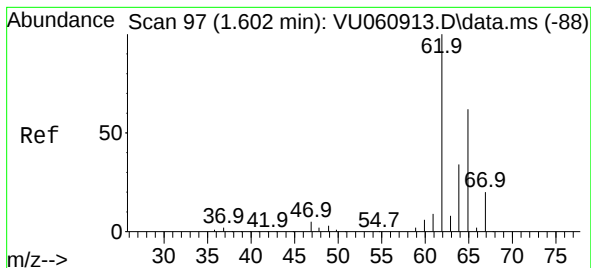
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.386 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

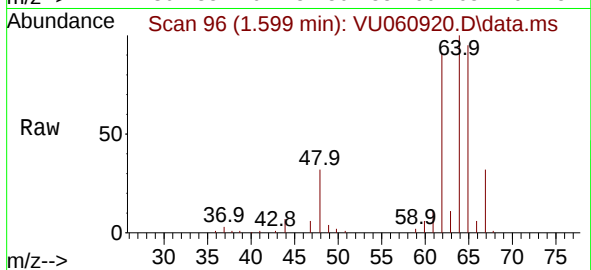
Lab File: VU060920.D

Acq: 20 Sep 2024 02:37

Instrument :

MSVOA_U

ClientSampleId :

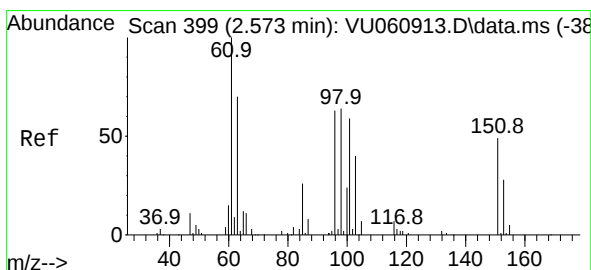
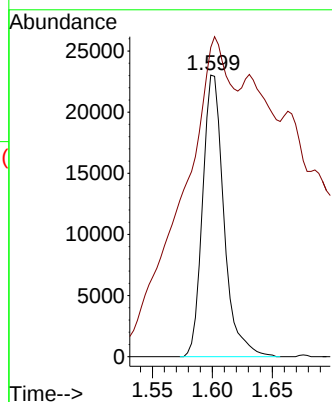
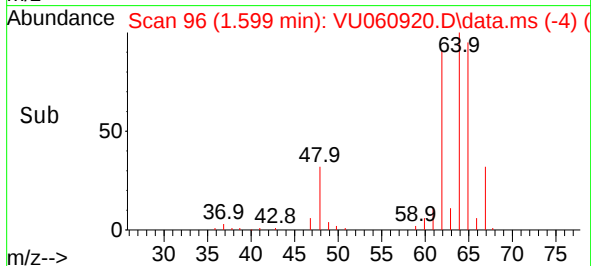


Tgt Ion: 62 Resp: 28539

Ion Ratio Lower Upper

62 100

64 109.8 24.0 44.6#



#12

1,1-Dichloroethene

Concen: 5.266 ug/L

RT: 2.566 min Scan# 397

Delta R.T. -0.007 min

Lab File: VU060920.D

Acq: 20 Sep 2024 02:37

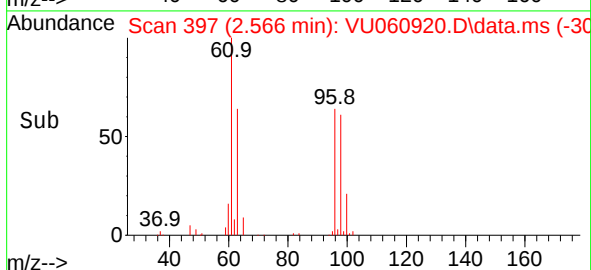
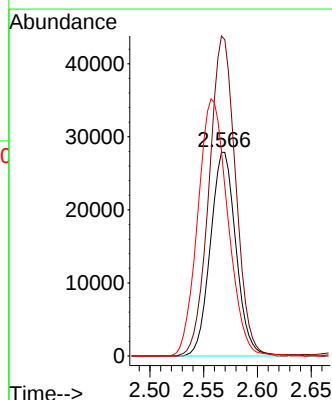
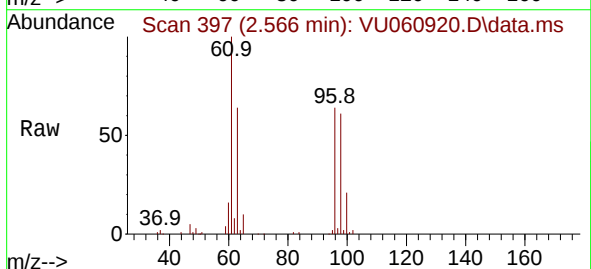
Tgt Ion: 96 Resp: 45903

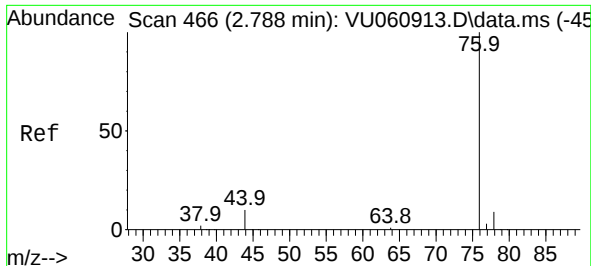
Ion Ratio Lower Upper

96 100

61 157.1 120.7 224.1

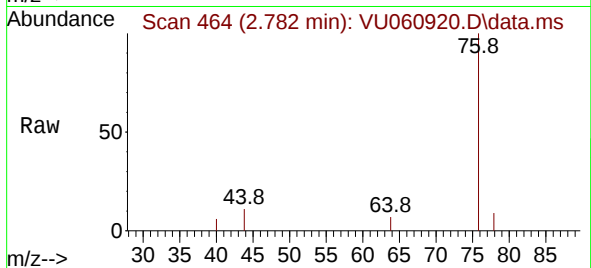
63 100.6 90.0 167.2



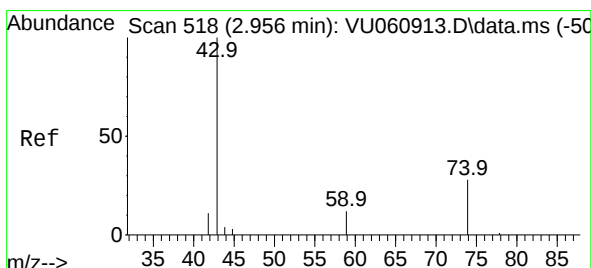
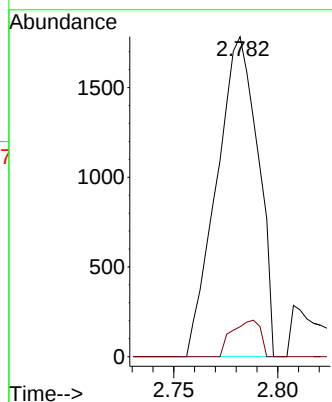
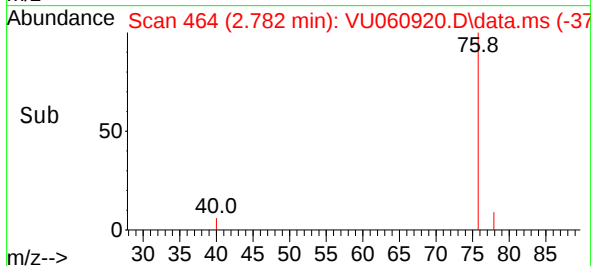


#14
Carbon disulfide
Concen: 0.102 ug/L
RT: 2.782 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU060920.D
Acq: 20 Sep 2024 02:37

Instrument :
MSVOA_U
ClientSampleId :

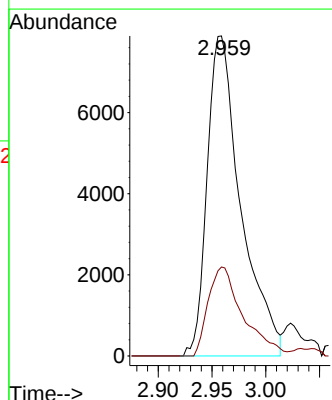
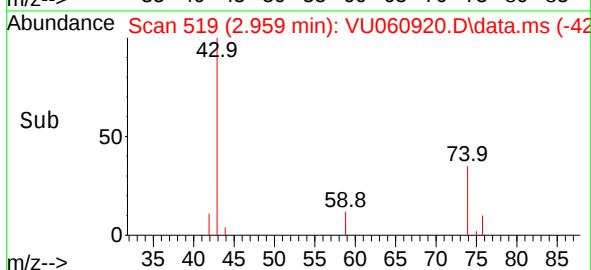
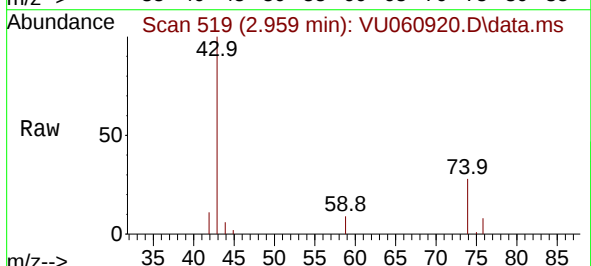


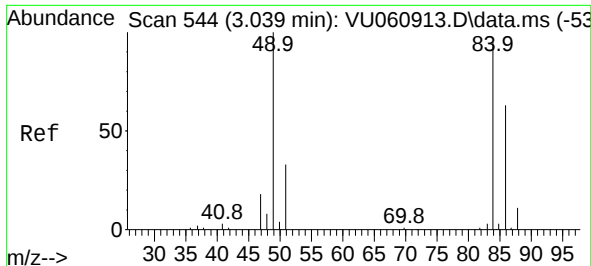
Tgt Ion: 76 Resp: 2465
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#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

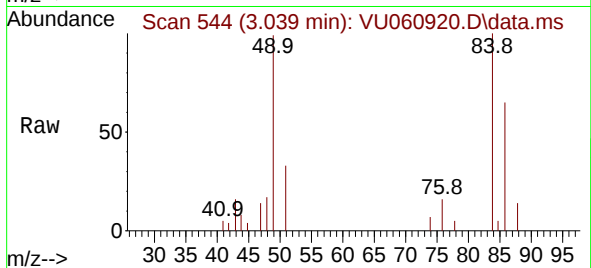
Tgt Ion: 43 Resp: 17177
Ion Ratio Lower Upper
43 100
74 28.8 18.9 28.3#



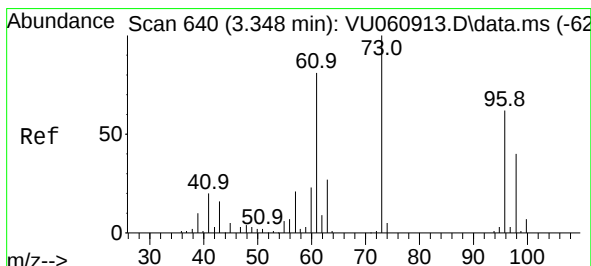
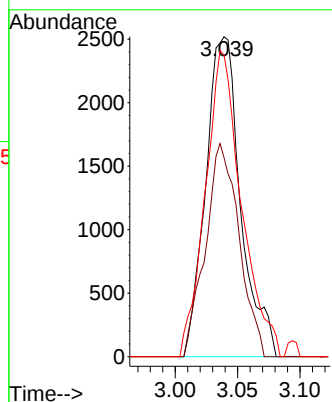
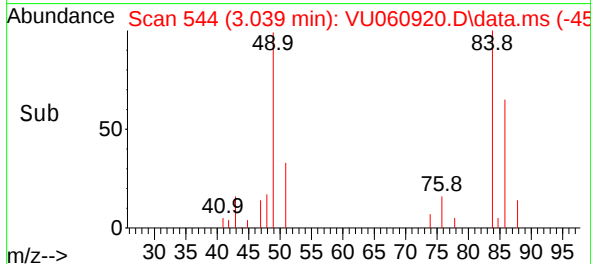


#16
Methylene chloride
Concen: 0.487 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060920.D
Acq: 20 Sep 2024 02:37

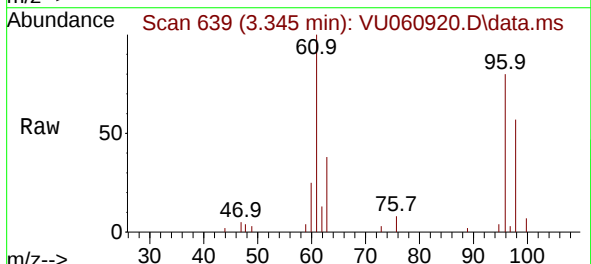
Instrument :
MSVOA_U
ClientSampleId :



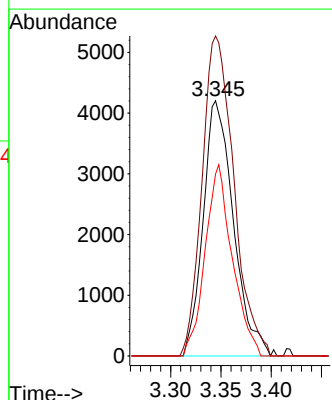
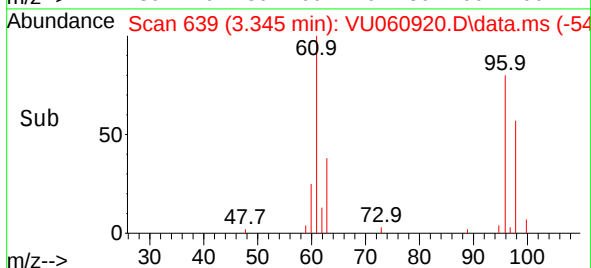
Tgt Ion: 84 Resp: 4919
Ion Ratio Lower Upper
84 100
86 62.2 47.3 87.8
49 94.2 78.7 146.1

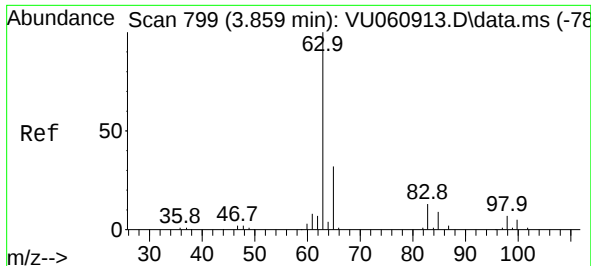


#18
trans-1,2-Dichloroethene
Concen: 0.975 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060920.D
Acq: 20 Sep 2024 02:37



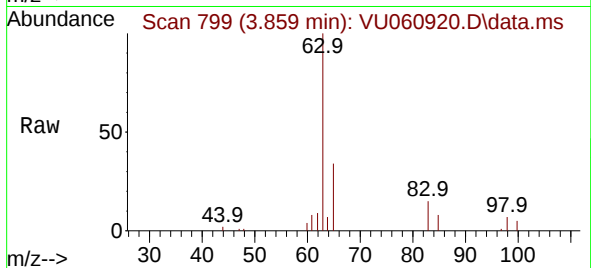
Tgt Ion: 96 Resp: 8804
Ion Ratio Lower Upper
96 100
61 125.4 97.2 180.6
98 71.3 43.3 80.5



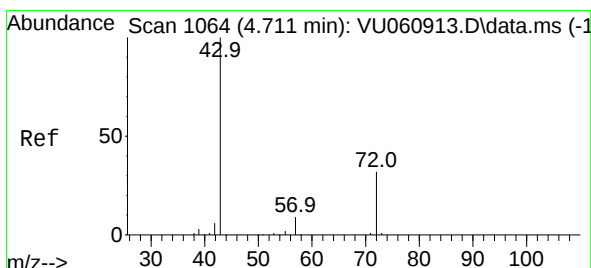
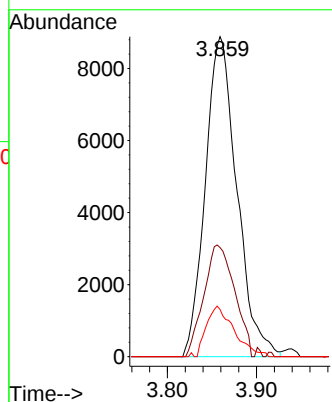
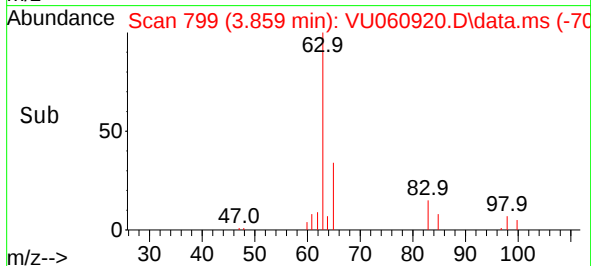


#19
1,1-Dichloroethane
Concen: 1.204 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060920.D
Acq: 20 Sep 2024 02:37

Instrument :
MSVOA_U
ClientSampleId :

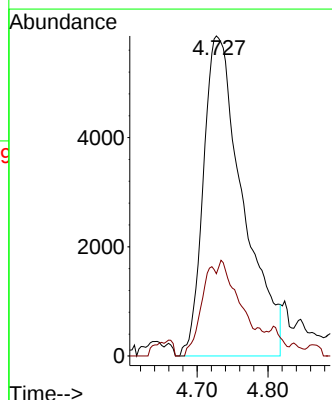
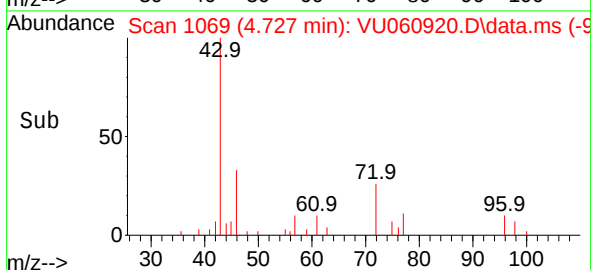
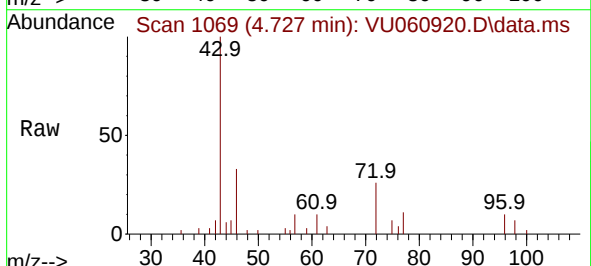


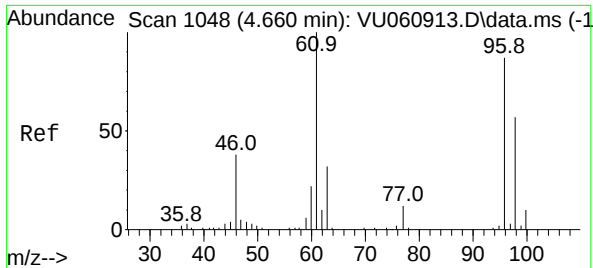
Tgt Ion: 63 Resp: 21825
Ion Ratio Lower Upper
63 100
65 31.8 23.0 42.8
83 13.7 9.0 16.6



#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#

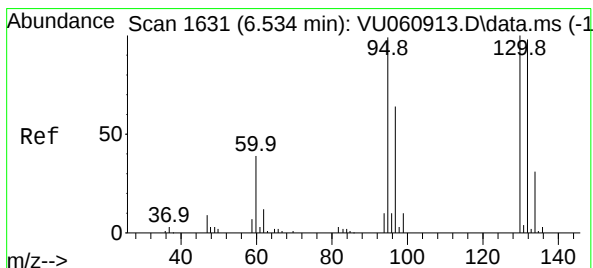
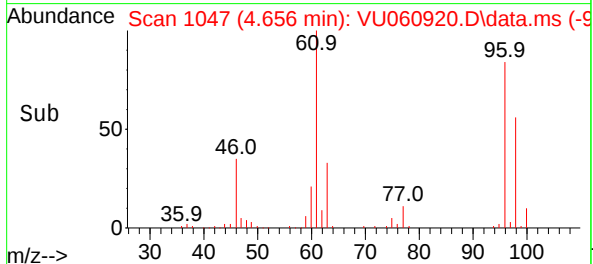
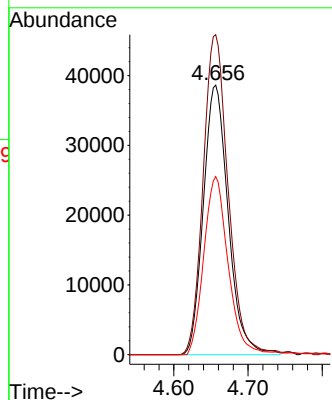
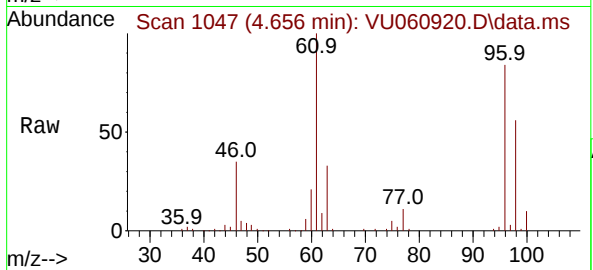




#22
cis-1,2-Dichloroethene
Concen: 8.993 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060920.D
Acq: 20 Sep 2024 02:37

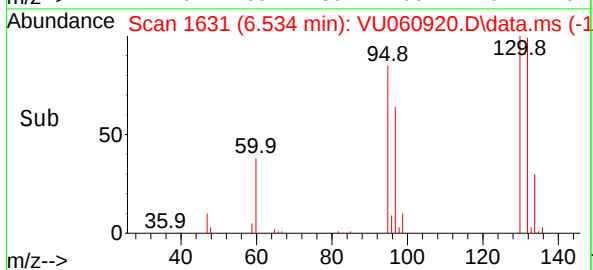
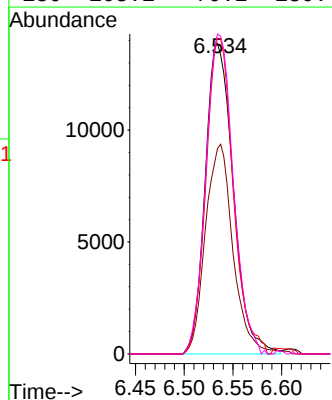
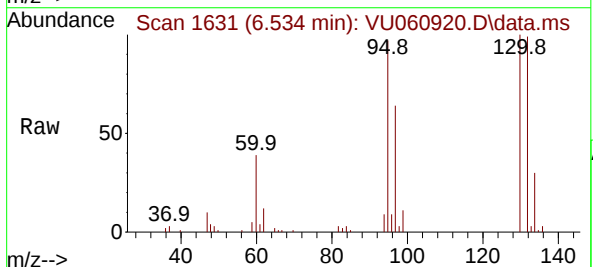
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MSVOA_U
ClientSampleId :

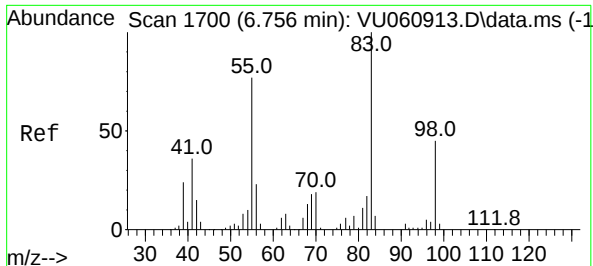
Tgt Ion: 96 Resp: 89891
Ion Ratio Lower Upper
96 100
61 118.7 89.7 166.5
98 66.1 45.1 83.9



#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

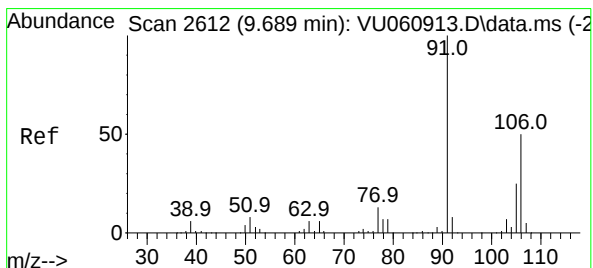
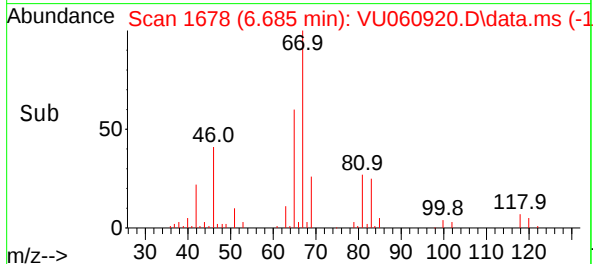
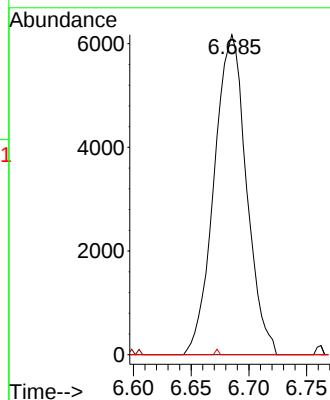
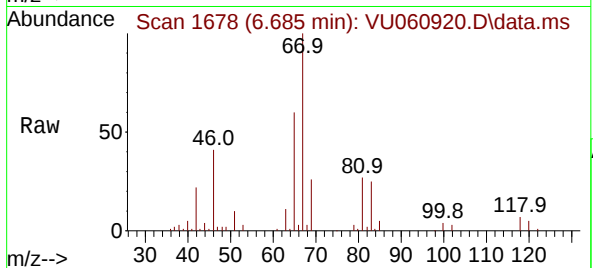




#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU060920.D
Acq: 20 Sep 2024 02:37

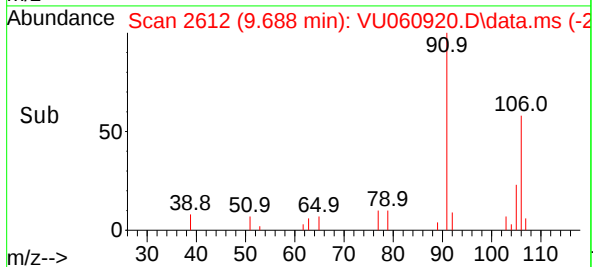
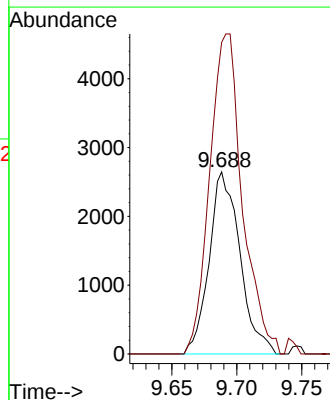
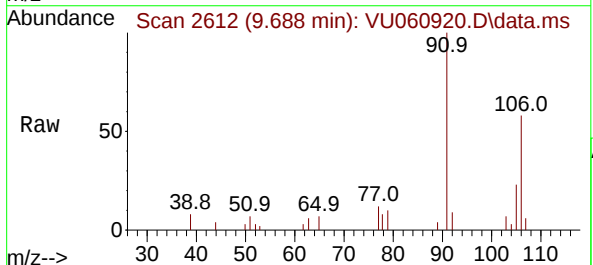
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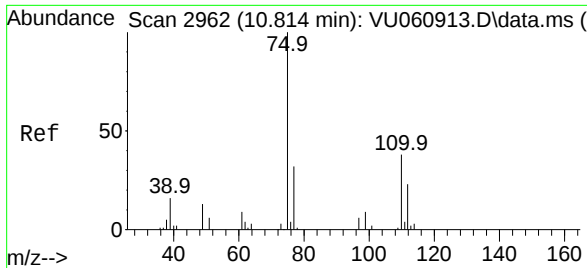
Tgt Ion: 83 Resp: 12030
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 2.3 37.6 56.4#



#53
m,p-Xylene
Concen: 0.263 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060920.D
Acq: 20 Sep 2024 02:37

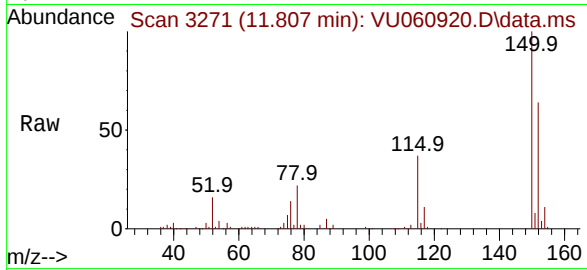
Tgt Ion:106 Resp: 4363
Ion Ratio Lower Upper
106 100
91 171.1 139.7 259.4





#61
1,2,3-Trichloropropane
Concen: 1.042 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU060920.D
Acq: 20 Sep 2024 02:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.6	43.0#
77	35.4	26.3	39.5

