

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060915.D
 Acq On : 20 Sep 2024 00:36
 Operator : MD/SY
 Sample : P3987-08DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 01:38:26 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)

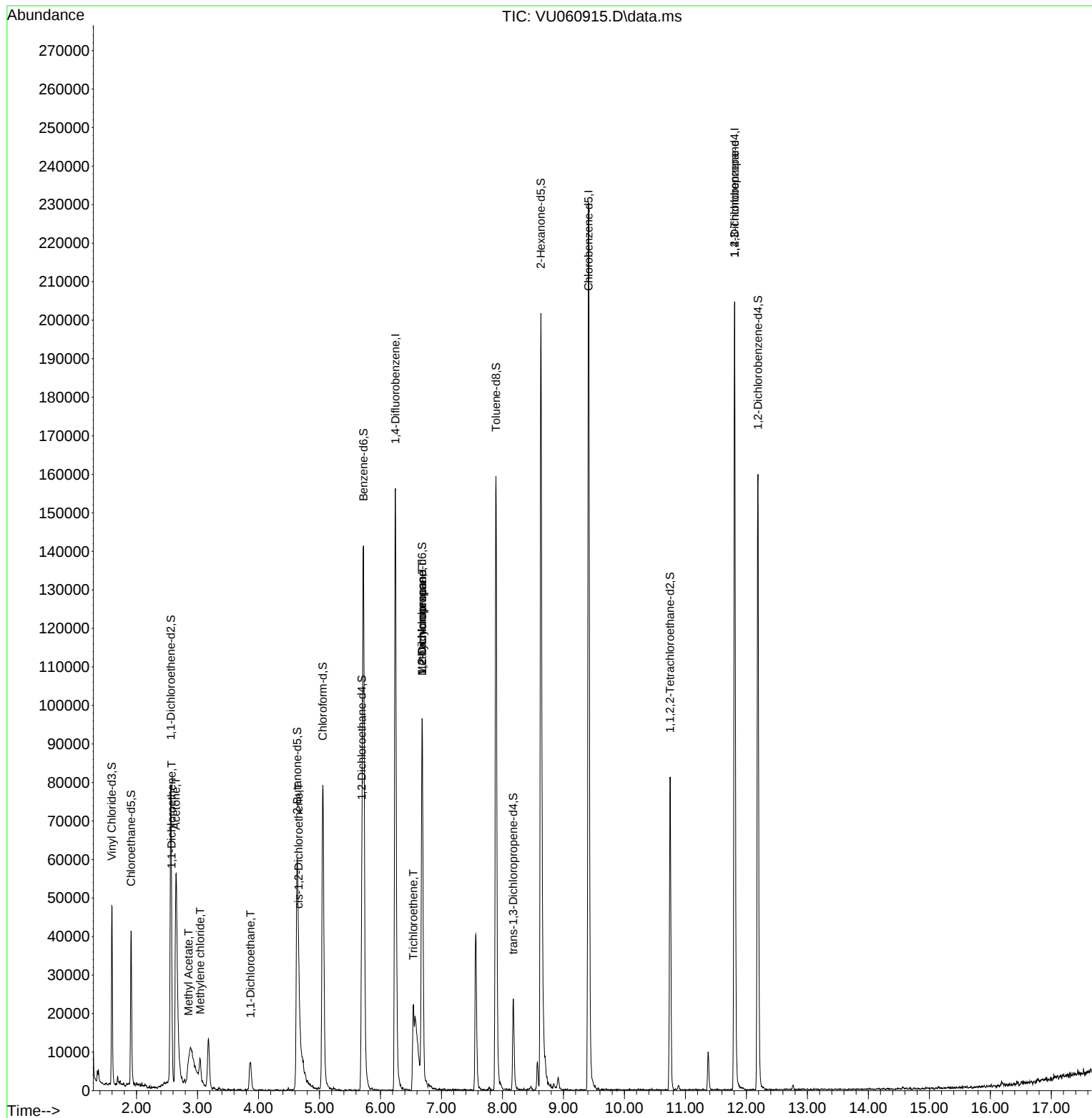
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	138861	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32806	2.627	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.600%
7) Chloroethane-d5	1.911	69	30605	3.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	2.563	65	14028	3.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	4.634	46	85470	42.628	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.260%
24) Chloroform-d	5.055	84	79734	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.695	65	39328	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.721	84	141679	3.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	6.682	67	48708	4.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.894	98	118781	3.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
43) trans-1,3-Dichloroprop...	8.177	79	15926	3.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.631	63	76161	44.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41864	4.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	48353	4.682	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	3685	0.422	ug/L #	1
13) Acetone	2.647	43	97723	73.055	ug/L	93
15) Methyl Acetate	2.853	43	1726	0.529	ug/L #	52
16) Methylene chloride	3.042	84	2755	0.272	ug/L	92
19) 1,1-Dichloroethane	3.869	63	9934	0.547	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	1401	0.140	ug/L	90
34) Trichloroethene	6.541	95	7626	0.728	ug/L	93
35) Methylcyclohexane	6.685	83	11302	0.786	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	5037	0.457	ug/L #	95
61) 1,2,3-Trichloropropane	11.807	75	6296	1.098	ug/L #	67

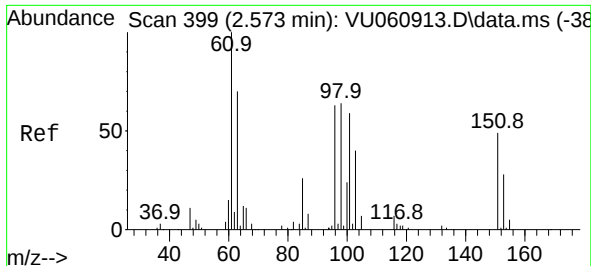
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.422 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060915.D

Acq: 20 Sep 2024 00:36

Instrument :

MSVOA_U

ClientSampleId :

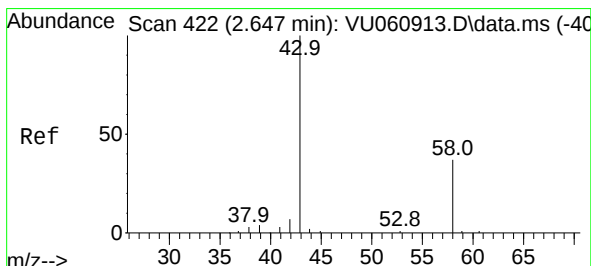
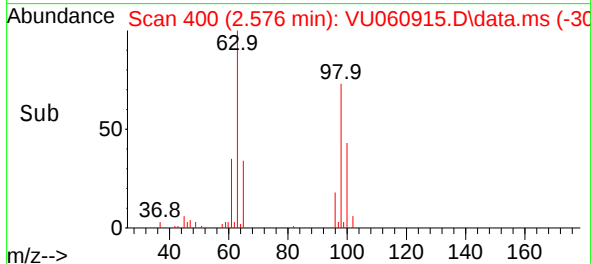
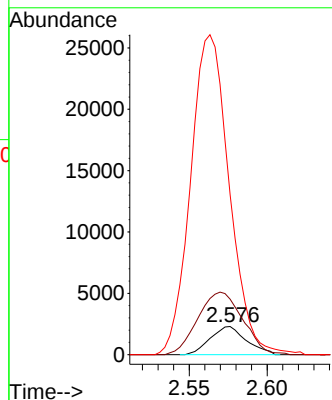
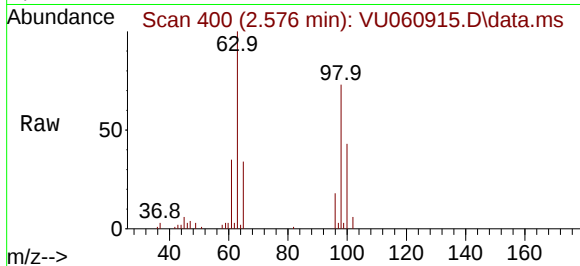
Tgt Ion: 96 Resp: 3685

Ion Ratio Lower Upper

96 100

61 197.2 120.7 224.1

63 568.6 90.0 167.2#



#13

Acetone

Concen: 73.055 ug/L

RT: 2.647 min Scan# 422

Delta R.T. -0.000 min

Lab File: VU060915.D

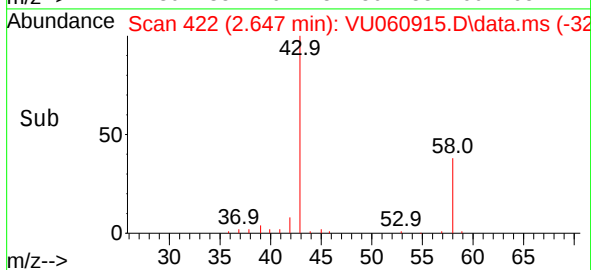
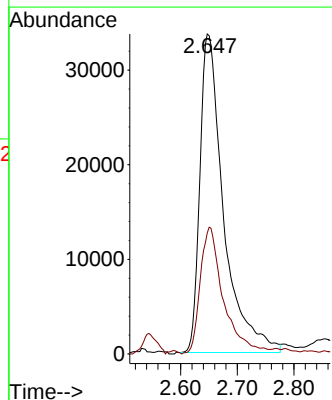
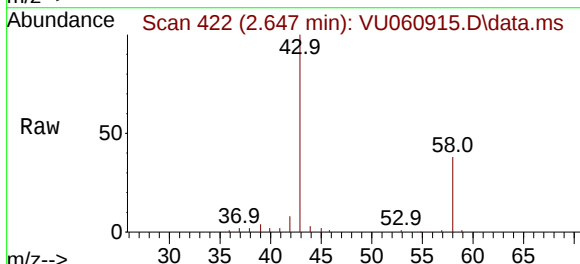
Acq: 20 Sep 2024 00:36

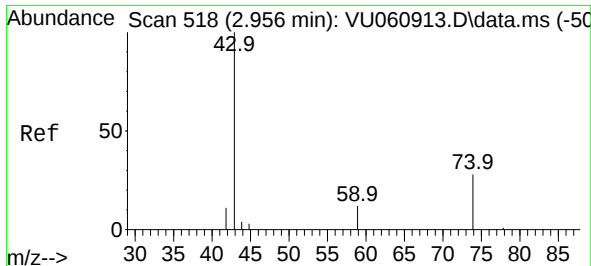
Tgt Ion: 43 Resp: 97723

Ion Ratio Lower Upper

43 100

58 39.1 0.0 69.6





#15

Methyl Acetate

Concen: 0.529 ug/L

RT: 2.853 min Scan# 41

Delta R.T. -0.103 min

Lab File: VU060915.D

Acq: 20 Sep 2024 00:36

Instrument :

MSVOA_U

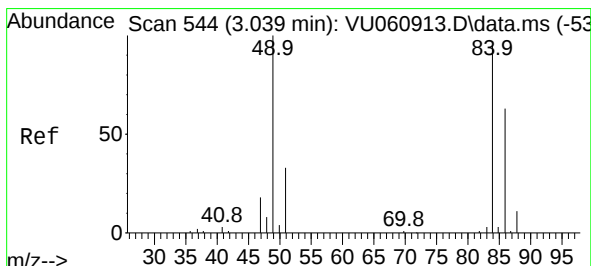
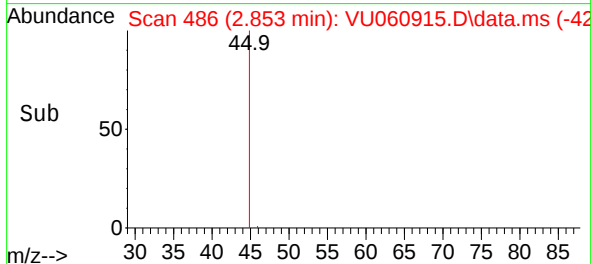
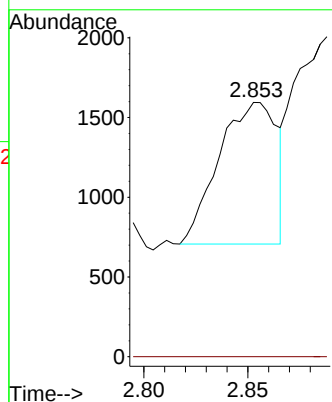
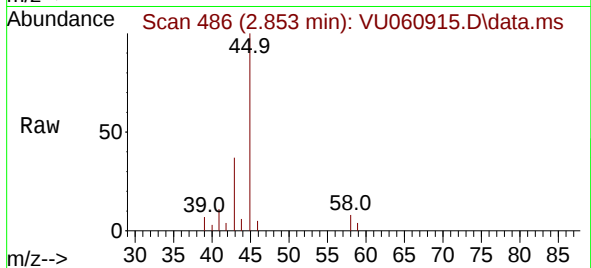
ClientSampleId :

Tgt Ion: 43 Resp: 1726

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#



#16

Methylene chloride

Concen: 0.272 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU060915.D

Acq: 20 Sep 2024 00:36

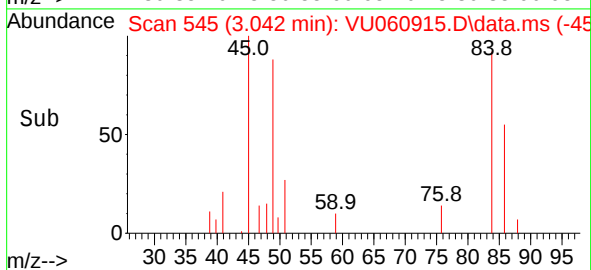
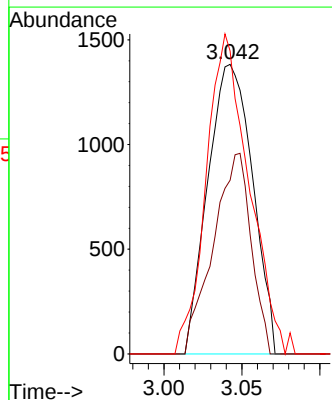
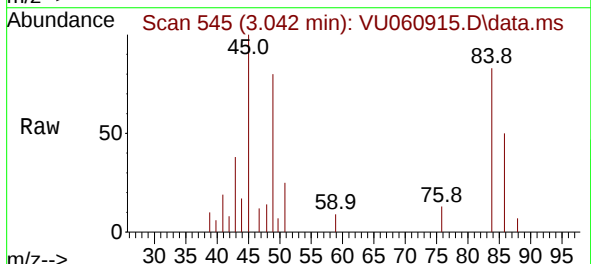
Tgt Ion: 84 Resp: 2755

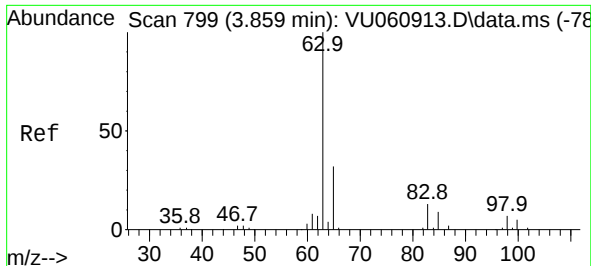
Ion Ratio Lower Upper

84 100

86 60.0 47.3 87.8

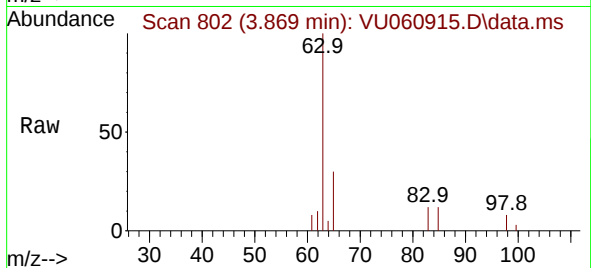
49 104.6 78.7 146.1



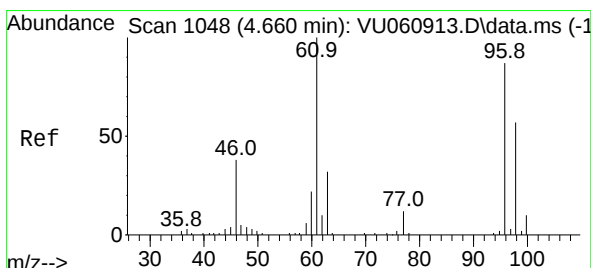
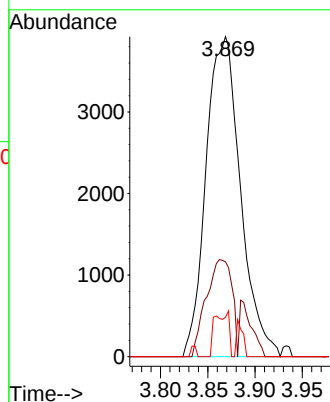
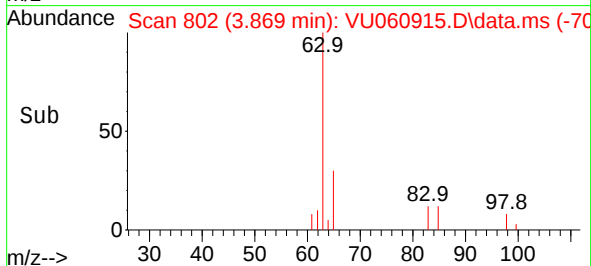


#19
1,1-Dichloroethane
Concen: 0.547 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.010 min
Lab File: VU060915.D
Acq: 20 Sep 2024 00:36

Instrument :
MSVOA_U
ClientSampleId :

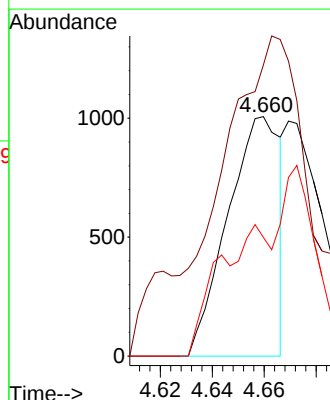
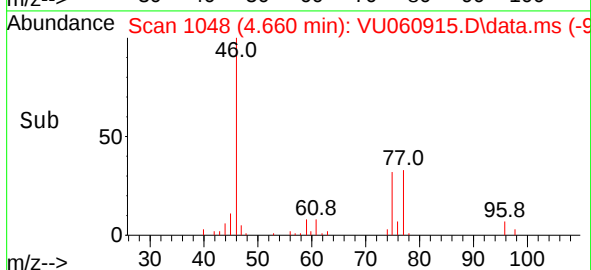
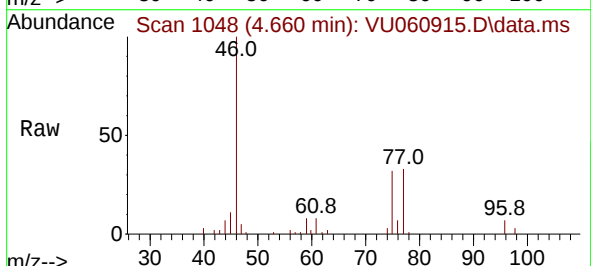


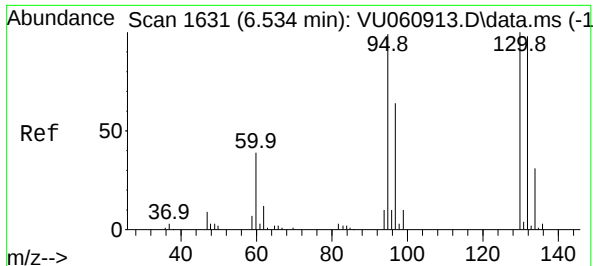
Tgt Ion: 63 Resp: 9934
Ion Ratio Lower Upper
63 100
65 29.6 23.0 42.8
83 12.3 9.0 16.6



#22
cis-1,2-Dichloroethene
Concen: 0.140 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060915.D
Acq: 20 Sep 2024 00:36

Tgt Ion: 96 Resp: 1401
Ion Ratio Lower Upper
96 100
61 121.5 89.7 166.5
98 49.6 45.1 83.9





#34

Trichloroethene

Concen: 0.728 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU060915.D

Acq: 20 Sep 2024 00:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 7626

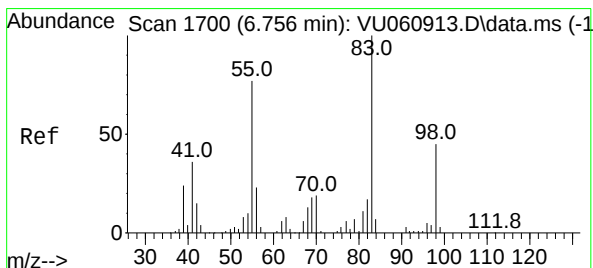
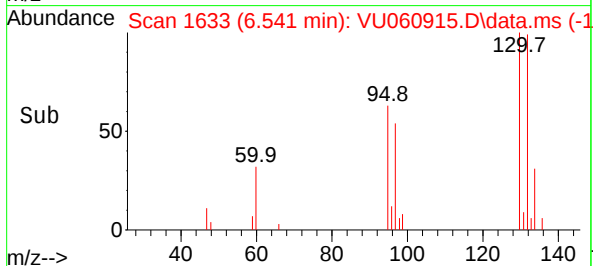
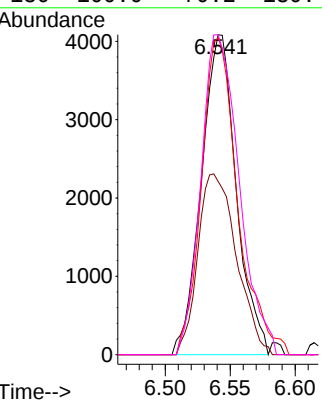
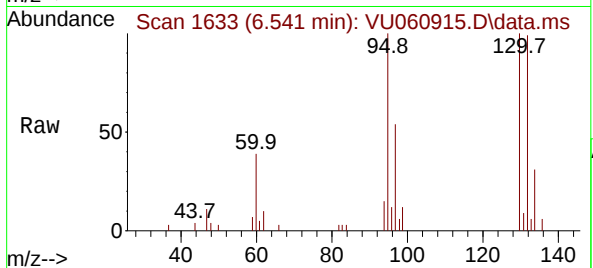
Ion Ratio Lower Upper

95 100

97 54.2 44.9 83.5

132 99.2 63.5 117.9

130 100.0 70.2 130.4



#35

Methylcyclohexane

Concen: 0.786 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU060915.D

Acq: 20 Sep 2024 00:36

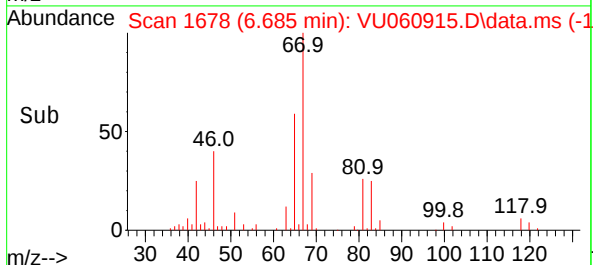
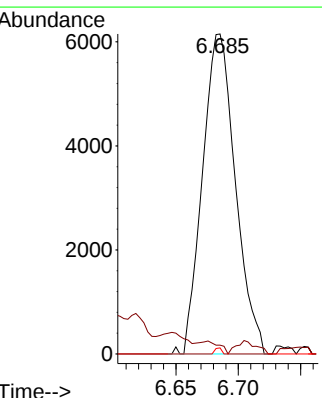
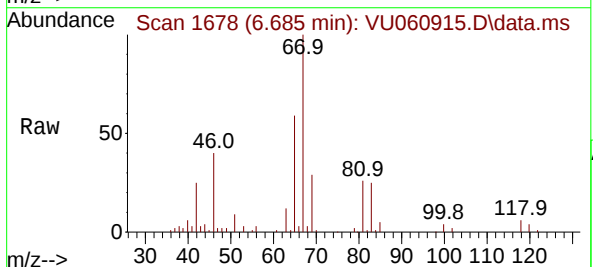
Tgt Ion: 83 Resp: 11302

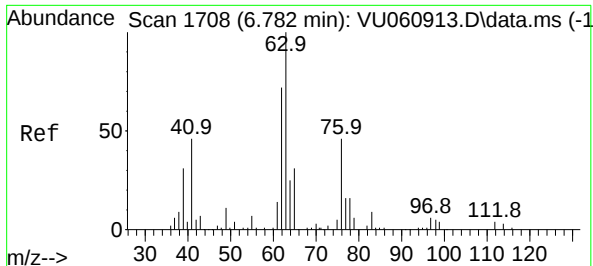
Ion Ratio Lower Upper

83 100

55 2.4 62.6 94.0#

98 0.4 37.6 56.4#

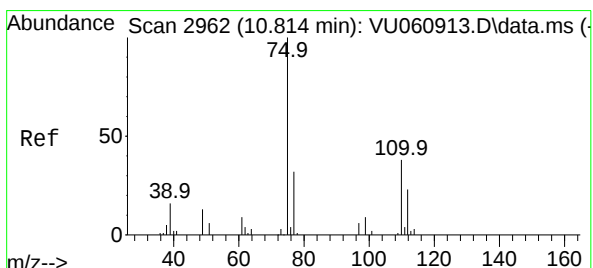
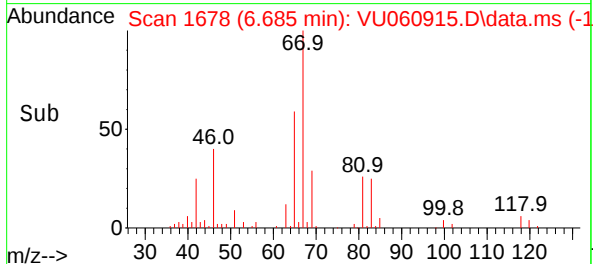
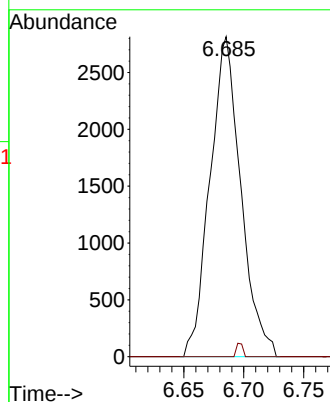
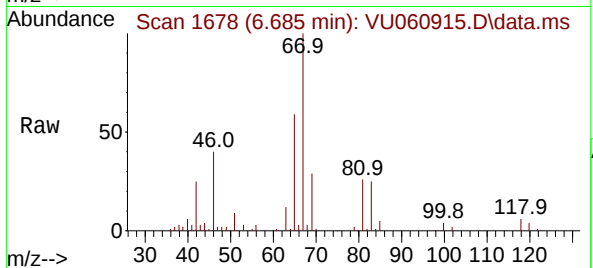




#37
1,2-Dichloropropane
Concen: 0.457 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU060915.D
Acq: 20 Sep 2024 00:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 5037
Ion Ratio Lower Upper
63 100
112 0.9 2.0 3.0#



#61
1,2,3-Trichloropropane
Concen: 1.098 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.993 min
Lab File: VU060915.D
Acq: 20 Sep 2024 00:36

Tgt Ion: 75 Resp: 6296
Ion Ratio Lower Upper
75 100
110 2.0 28.6 43.0#
77 36.8 26.3 39.5

