

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091324\
 Data File : VU060767.D
 Acq On : 13 Sep 2024 20:47
 Operator : MD/SY
 Sample : P3967-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 00:38:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 14 00:33:41 2024
 Response via : Initial Calibration

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

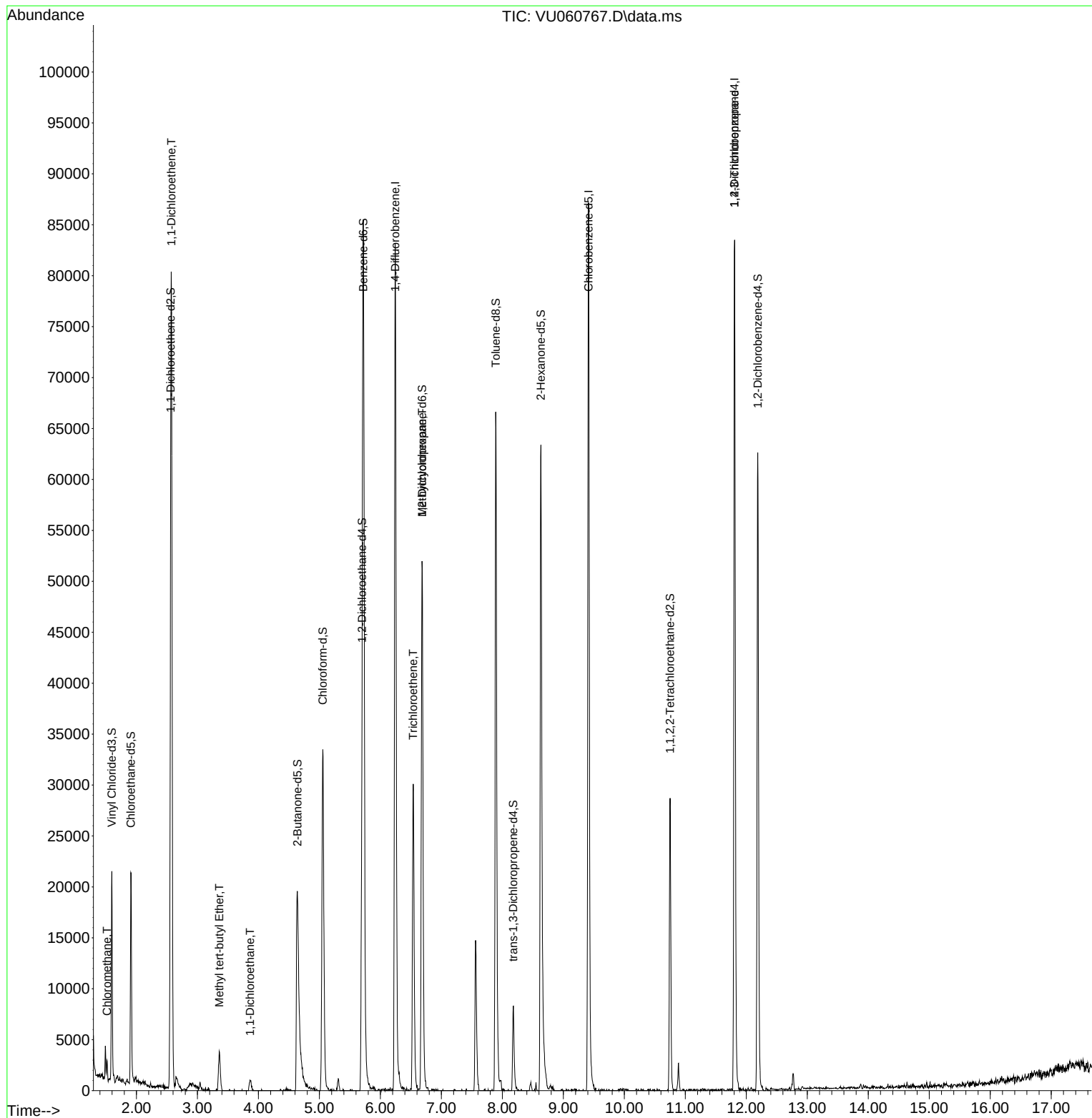
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	51126	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	24779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	13060	4.292	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.907	69	14604	3.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.400%#
11) 1,1-Dichloroethene-d2	2.560	65	7564	4.218	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.637	46	36675	35.052	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.100%
24) Chloroform-d	5.055	84	32301	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	5.698	65	21190	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.718	84	79094	7.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	141.400%#
36) 1,2-Dichloropropane-d6	6.682	67	24714	6.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	137.000%
41) Toluene-d8	7.891	98	47243	4.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.177	79	5855	4.536	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.631	63	22669	36.681	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14019	4.368	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	17421	4.768	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1318	0.195	ug/L	98
12) 1,1-Dichloroethene	2.573	96	19555	3.464	ug/L	89
17) Methyl tert-butyl Ether	3.358	73	4139	0.361	ug/L #	91
19) 1,1-Dichloroethane	3.862	63	1820	0.183	ug/L #	80
34) Trichloroethene	6.538	95	10893	2.478	ug/L	96
35) Methylcyclohexane	6.682	83	5626	0.933	ug/L #	20
61) 1,2,3-Trichloropropane	11.804	75	2821	1.180	ug/L #	66

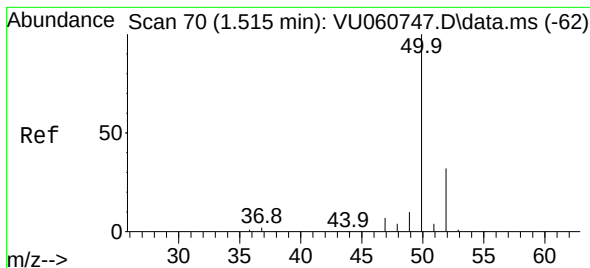
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091324\
Data File : VU060767.D
Acq On : 13 Sep 2024 20:47
Operator : MD/SY
Sample : P3967-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 14 00:38:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 14 00:33:41 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.195 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU060767.D

Acq: 13 Sep 2024 20:47

Instrument :

MSVOA_U

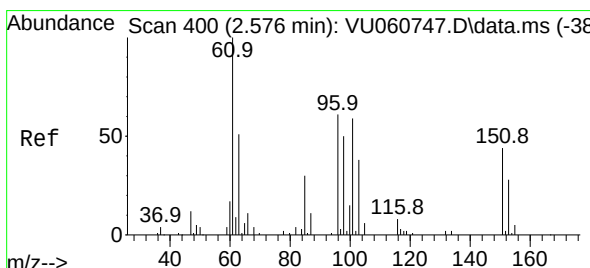
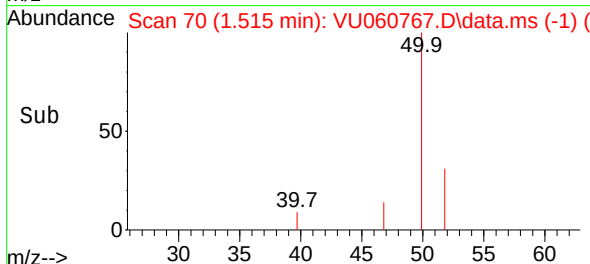
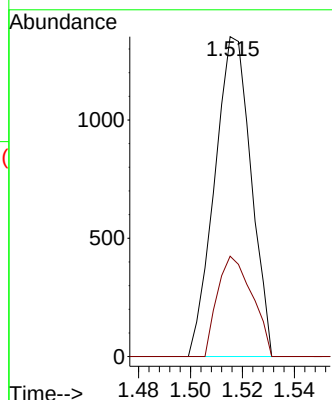
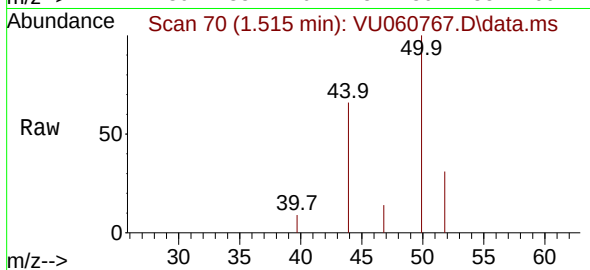
ClientSampleId :

Tgt Ion: 50 Resp: 1318

Ion Ratio Lower Upper

50 100

52 31.4 22.7 42.1



#12

1,1-Dichloroethene

Concen: 3.464 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU060767.D

Acq: 13 Sep 2024 20:47

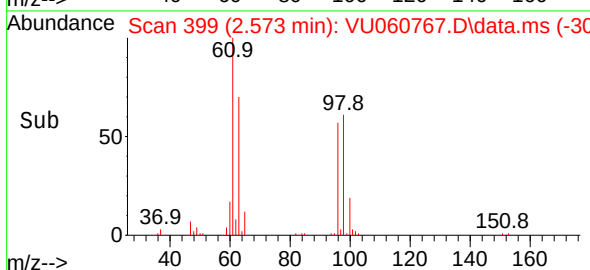
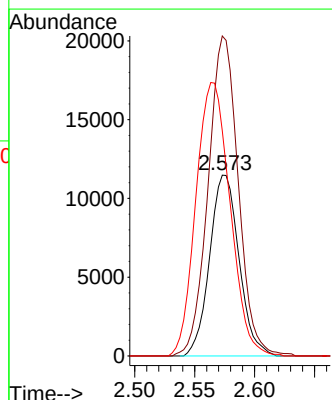
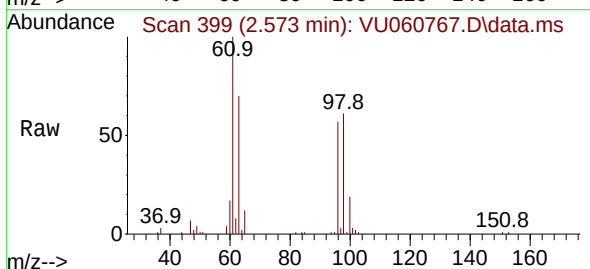
Tgt Ion: 96 Resp: 19555

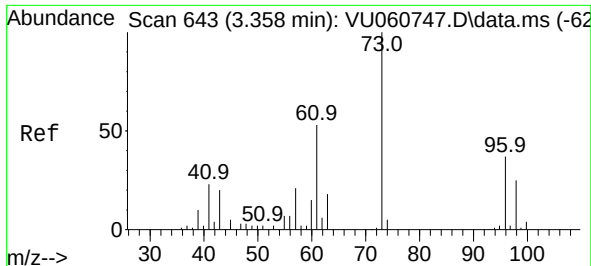
Ion Ratio Lower Upper

96 100

61 177.0 116.4 216.2

63 124.6 74.8 139.0

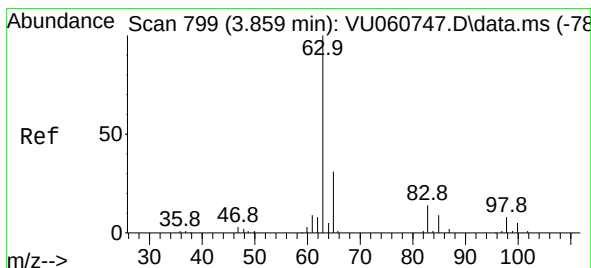
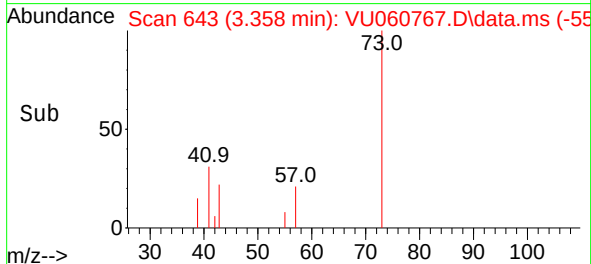
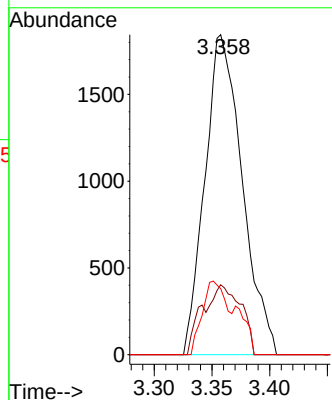
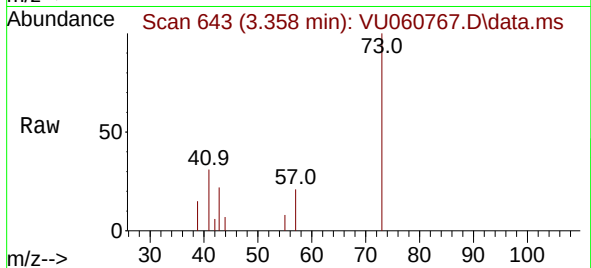




#17
Methyl tert-butyl Ether
Concen: 0.361 ug/L
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060767.D
Acq: 13 Sep 2024 20:47

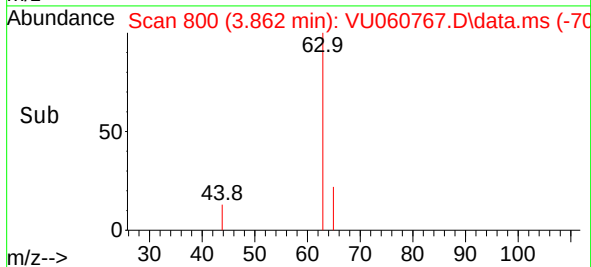
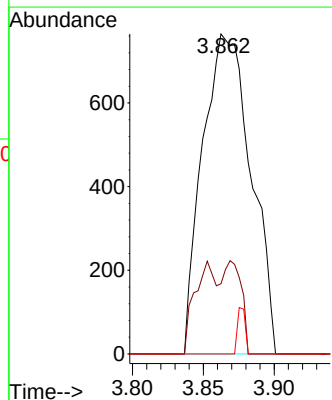
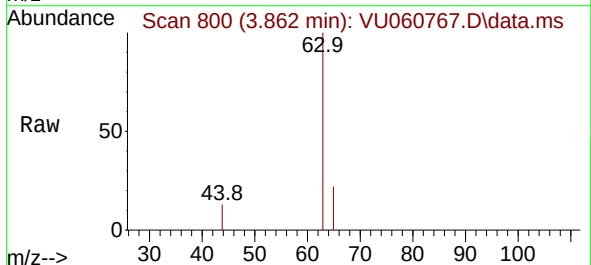
Instrument :
MSVOA_U
ClientSampleId :

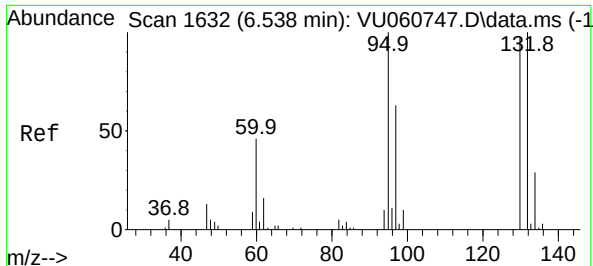
Tgt Ion: 73 Resp: 4139
Ion Ratio Lower Upper
73 100
43 17.3 15.8 23.6
57 15.2 16.8 25.2#



#19
1,1-Dichloroethane
Concen: 0.183 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060767.D
Acq: 13 Sep 2024 20:47

Tgt Ion: 63 Resp: 1820
Ion Ratio Lower Upper
63 100
65 22.0 20.5 38.1
83 0.0 9.2 17.2#





#34

Trichloroethene

Concen: 2.478 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.000 min

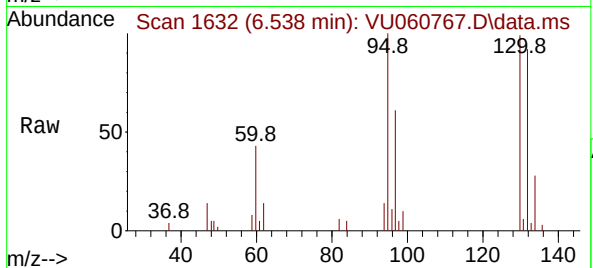
Lab File: VU060767.D

Acq: 13 Sep 2024 20:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 10893

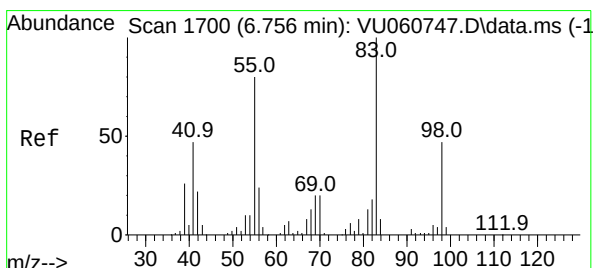
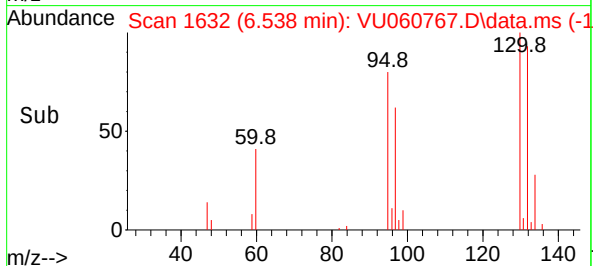
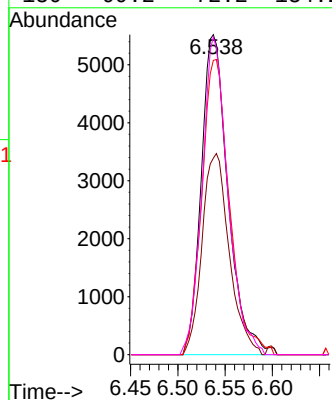
Ion Ratio Lower Upper

95 100

97 61.4 45.8 85.2

132 91.9 67.4 125.2

130 99.2 72.2 134.2



#35

Methylcyclohexane

Concen: 0.933 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060767.D

Acq: 13 Sep 2024 20:47

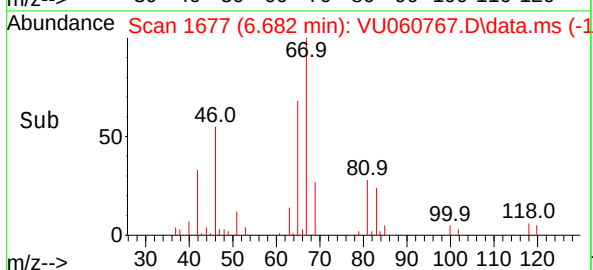
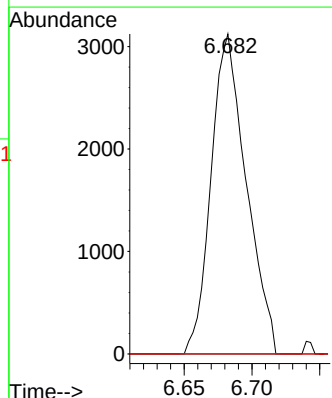
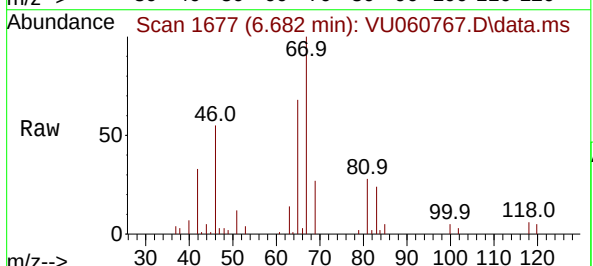
Tgt Ion: 83 Resp: 5626

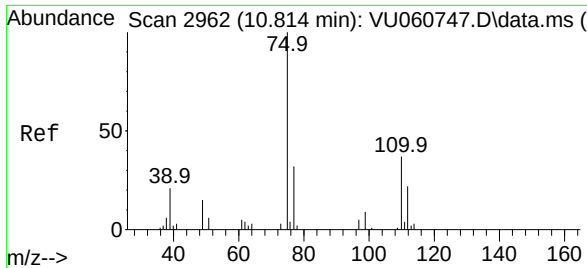
Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.8#

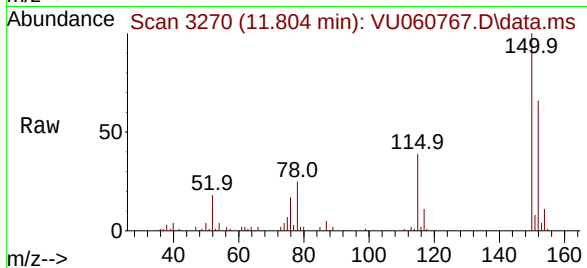
98 8.1 37.8 56.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.180 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU060767.D
 Acq: 13 Sep 2024 20:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.6	30.2	45.4#
77	29.8	25.4	38.2

