

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058384.D
 Acq On : 04 Apr 2024 22:47
 Operator : MD/SY
 Sample : P1925-15 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 00:05:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

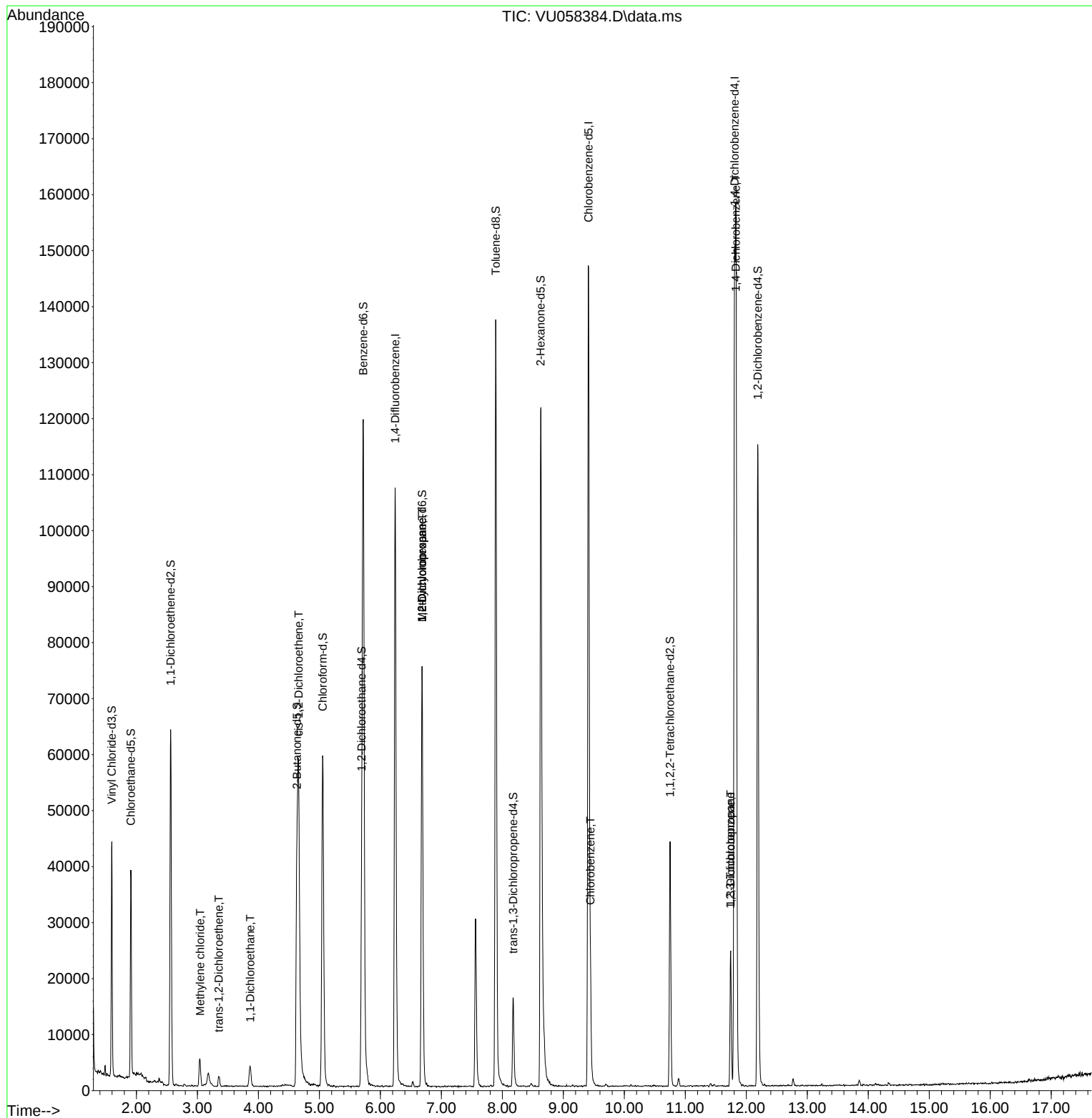
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85039	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79479	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27515	4.887	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.907	69	25520	5.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.560	65	12394	4.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.631	46	62579	52.743	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.480%
24) Chloroform-d	5.052	84	54613	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.692	65	27841	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.718	84	110421	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.682	67	35268	5.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.891	98	91658	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.177	79	9875	4.741	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.627	63	44223	51.473	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.940%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22132	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	29839	4.959	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	2182	0.273	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	789	0.125	ug/L	90
19) 1,1-Dichloroethane	3.866	63	5157	0.374	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	21817	3.076	ug/L	99
35) Methylcyclohexane	6.682	83	7988	0.730	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3628	0.479	ug/L #	90
51) Chlorobenzene	9.444	112	9561	0.523	ug/L	92
61) 1,2,3-Trichloropropane	11.740	75	3465	0.950	ug/L #	49
64) 1,3-Dichlorobenzene	11.743	146	9817	0.773	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	54864	4.432	ug/L	99

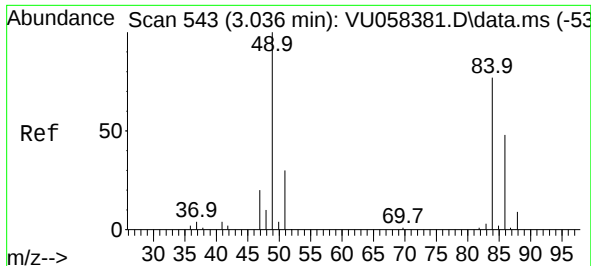
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.273 ug/L

RT: 3.042 min Scan# 543

Delta R.T. 0.006 min

Lab File: VU058384.D

Acq: 04 Apr 2024 22:47

Instrument :

MSVOA_U

ClientSampleId :

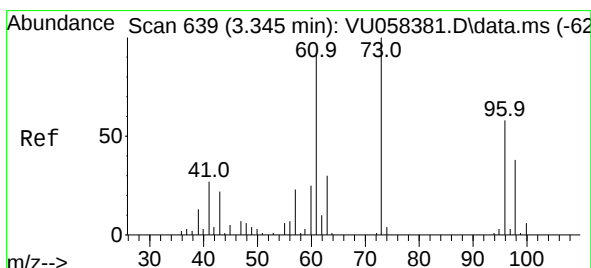
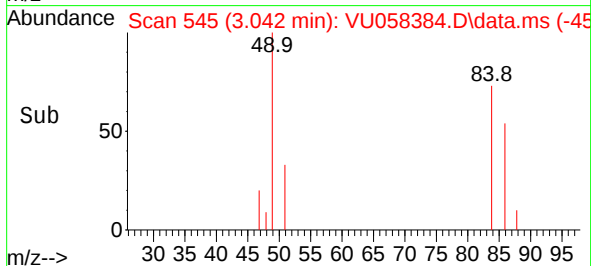
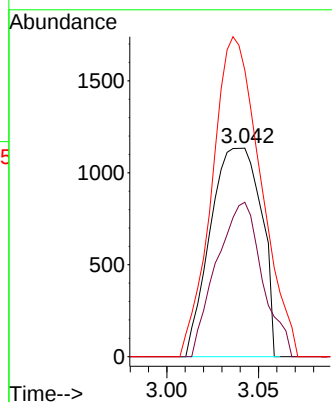
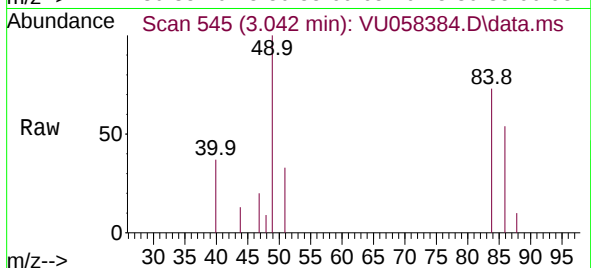
Tgt Ion: 84 Resp: 2182

Ion Ratio Lower Upper

84 100

86 74.1 44.3 82.3

49 137.4 96.0 178.2



#18

trans-1,2-Dichloroethene

Concen: 0.125 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.006 min

Lab File: VU058384.D

Acq: 04 Apr 2024 22:47

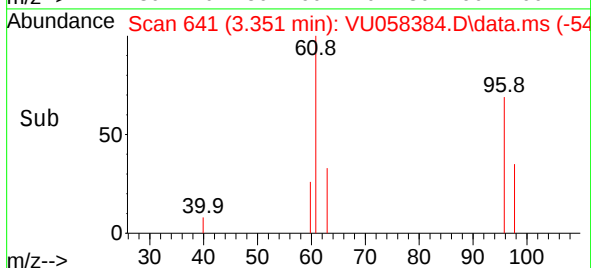
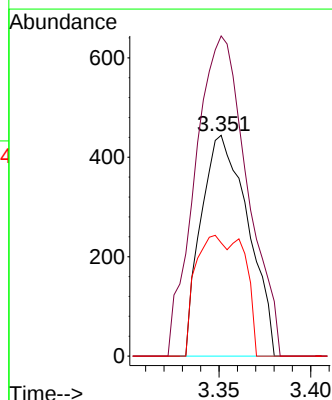
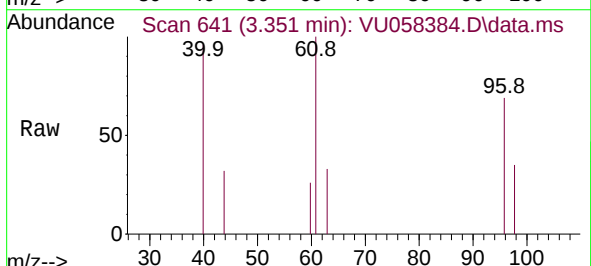
Tgt Ion: 96 Resp: 789

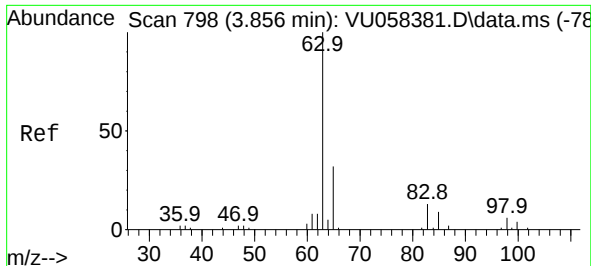
Ion Ratio Lower Upper

96 100

61 145.0 107.6 199.8

98 51.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.374 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.010 min

Lab File: VU058384.D

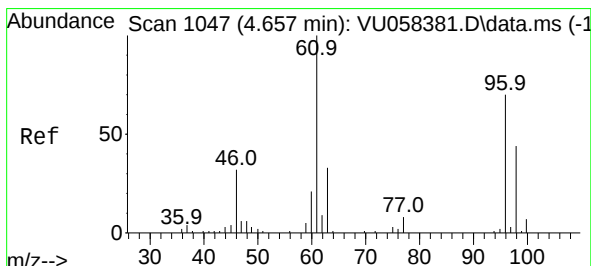
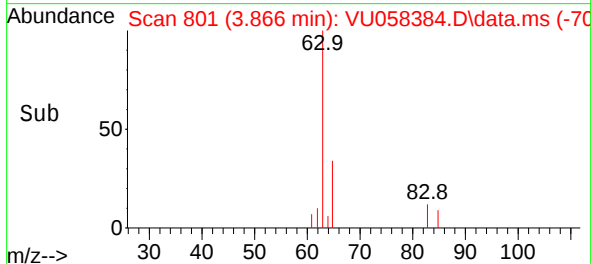
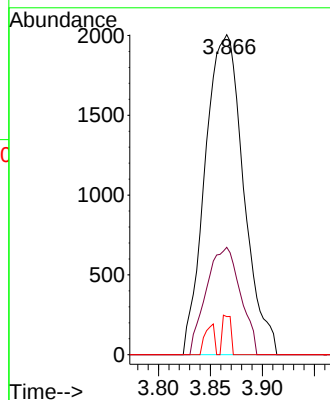
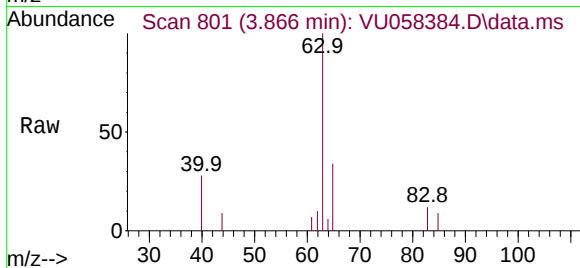
Acq: 04 Apr 2024 22:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 5157
Ion Ratio	Lower Upper
63	100
65	33.6 22.9 42.5
83	11.9 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 3.076 ug/L

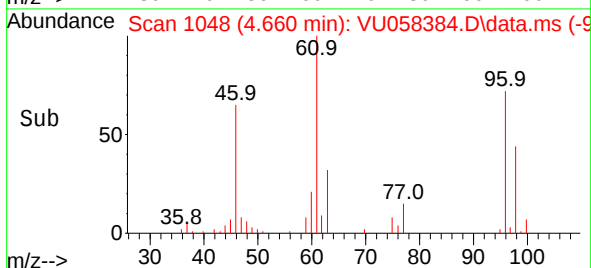
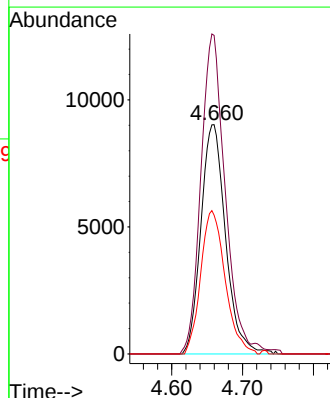
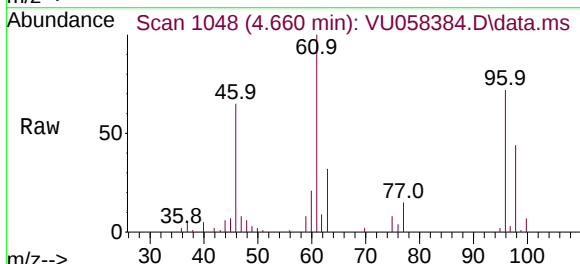
RT: 4.660 min Scan# 1048

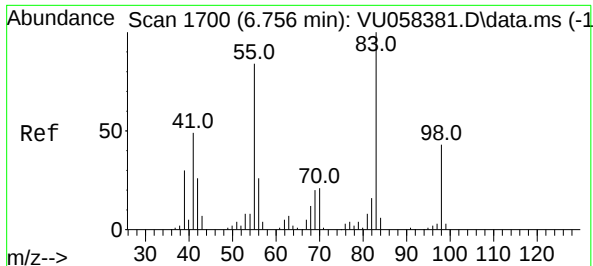
Delta R.T. 0.003 min

Lab File: VU058384.D

Acq: 04 Apr 2024 22:47

Tgt Ion: 96	Resp: 21817
Ion Ratio	Lower Upper
96	100
61	138.9 98.1 182.3
98	60.5 43.6 81.0





#35

Methylcyclohexane

Concen: 0.730 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058384.D

Acq: 04 Apr 2024 22:47

Instrument :

MSVOA_U

ClientSampleId :

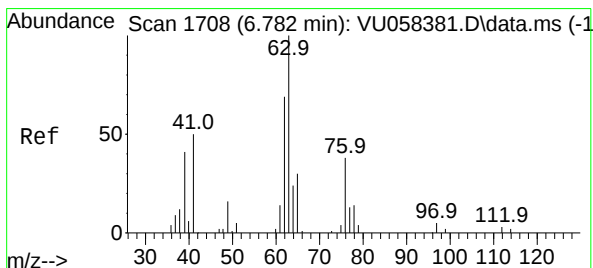
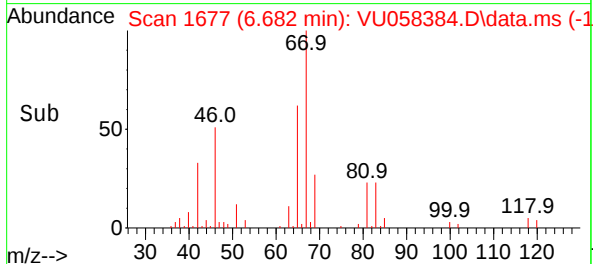
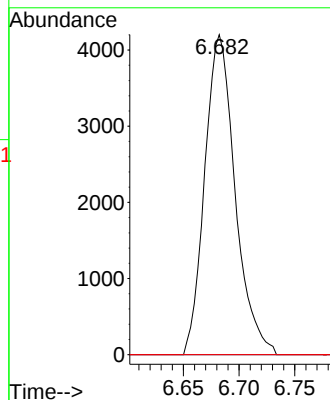
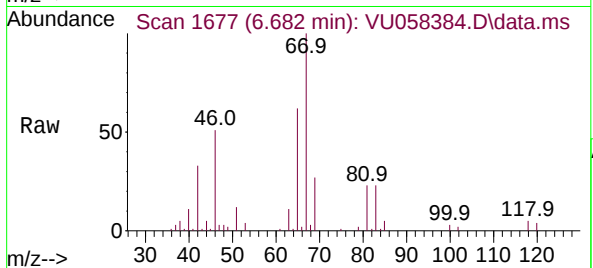
Tgt Ion: 83 Resp: 7988

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.479 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058384.D

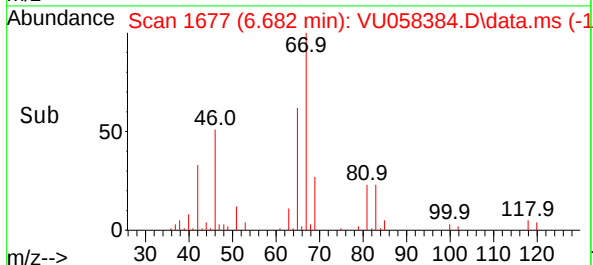
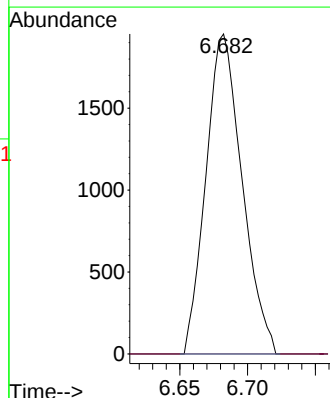
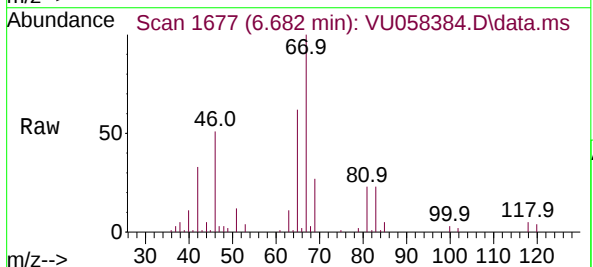
Acq: 04 Apr 2024 22:47

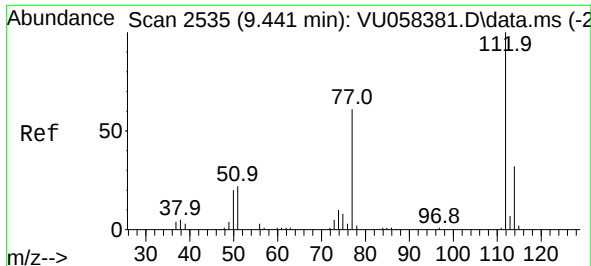
Tgt Ion: 63 Resp: 3628

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#51

Chlorobenzene

Concen: 0.523 ug/L

RT: 9.444 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058384.D

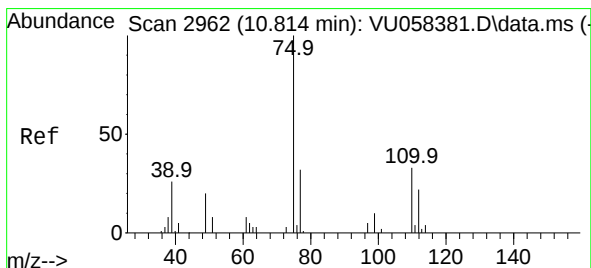
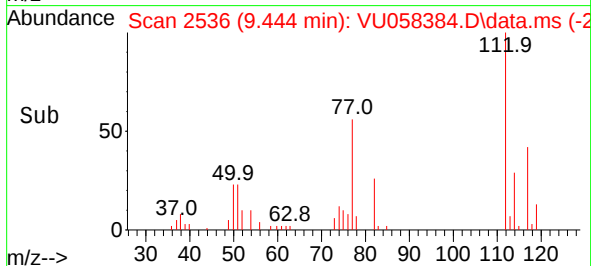
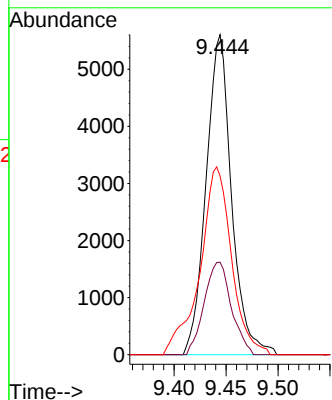
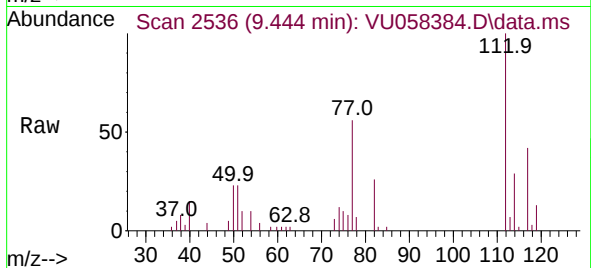
Acq: 04 Apr 2024 22:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	112	Resp:	9561
Ion Ratio	Lower	Upper	
112	100		
114	28.9	22.4	41.6
77	55.9	50.1	75.1



#61

1,2,3-Trichloropropane

Concen: 0.950 ug/L

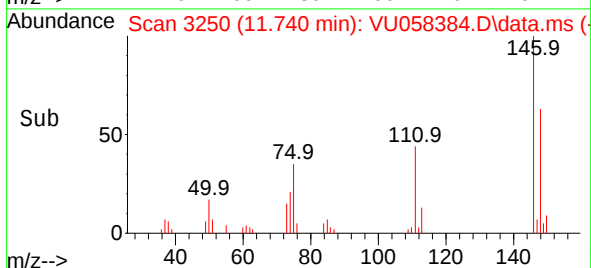
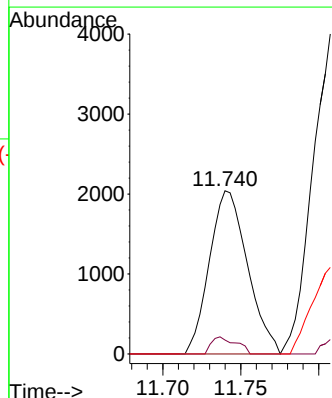
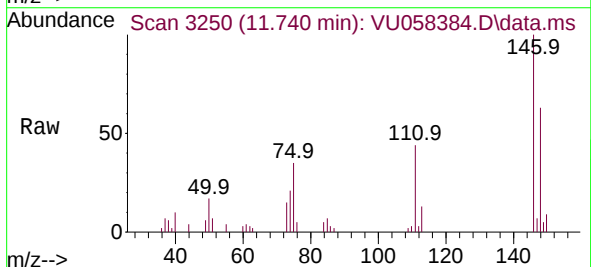
RT: 11.740 min Scan# 3250

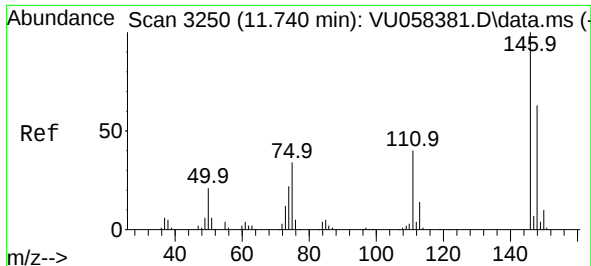
Delta R.T. 0.926 min

Lab File: VU058384.D

Acq: 04 Apr 2024 22:47

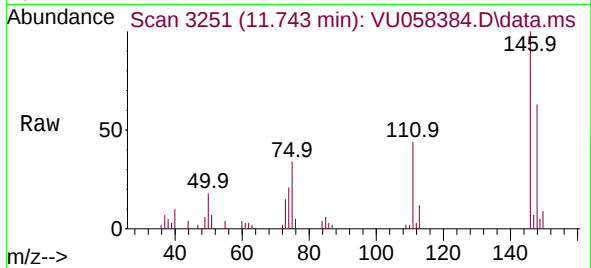
Tgt Ion:	75	Resp:	3465
Ion Ratio	Lower	Upper	
75	100		
110	6.8	25.8	38.6#
77	0.0	25.1	37.7#



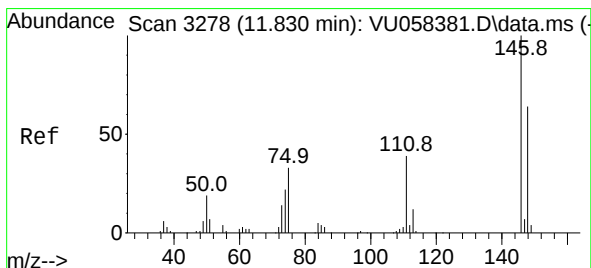
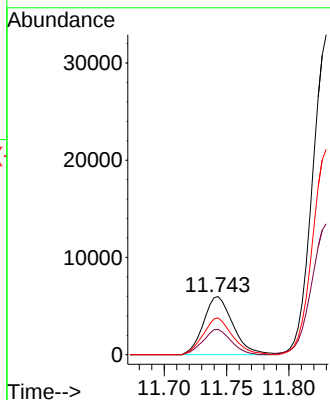
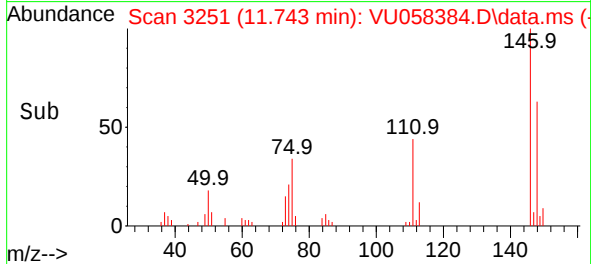


#64
1,3-Dichlorobenzene
Concen: 0.773 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU058384.D
Acq: 04 Apr 2024 22:47

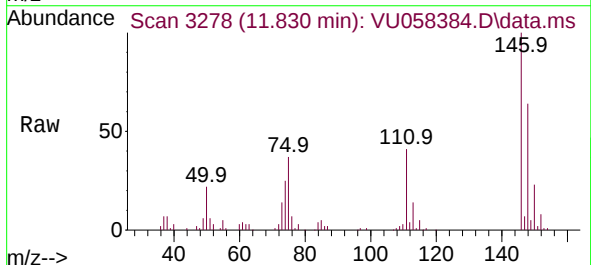
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 9817
Ion Ratio Lower Upper
146 100
111 43.6 28.8 53.4
148 63.5 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.432 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058384.D
Acq: 04 Apr 2024 22:47



Tgt Ion:146 Resp: 54864
Ion Ratio Lower Upper
146 100
111 40.9 28.8 53.6
148 64.2 45.3 84.1

