

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058386.D
 Acq On : 04 Apr 2024 23:34
 Operator : MD/SY
 Sample : P1925-17 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 00:06:13 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)

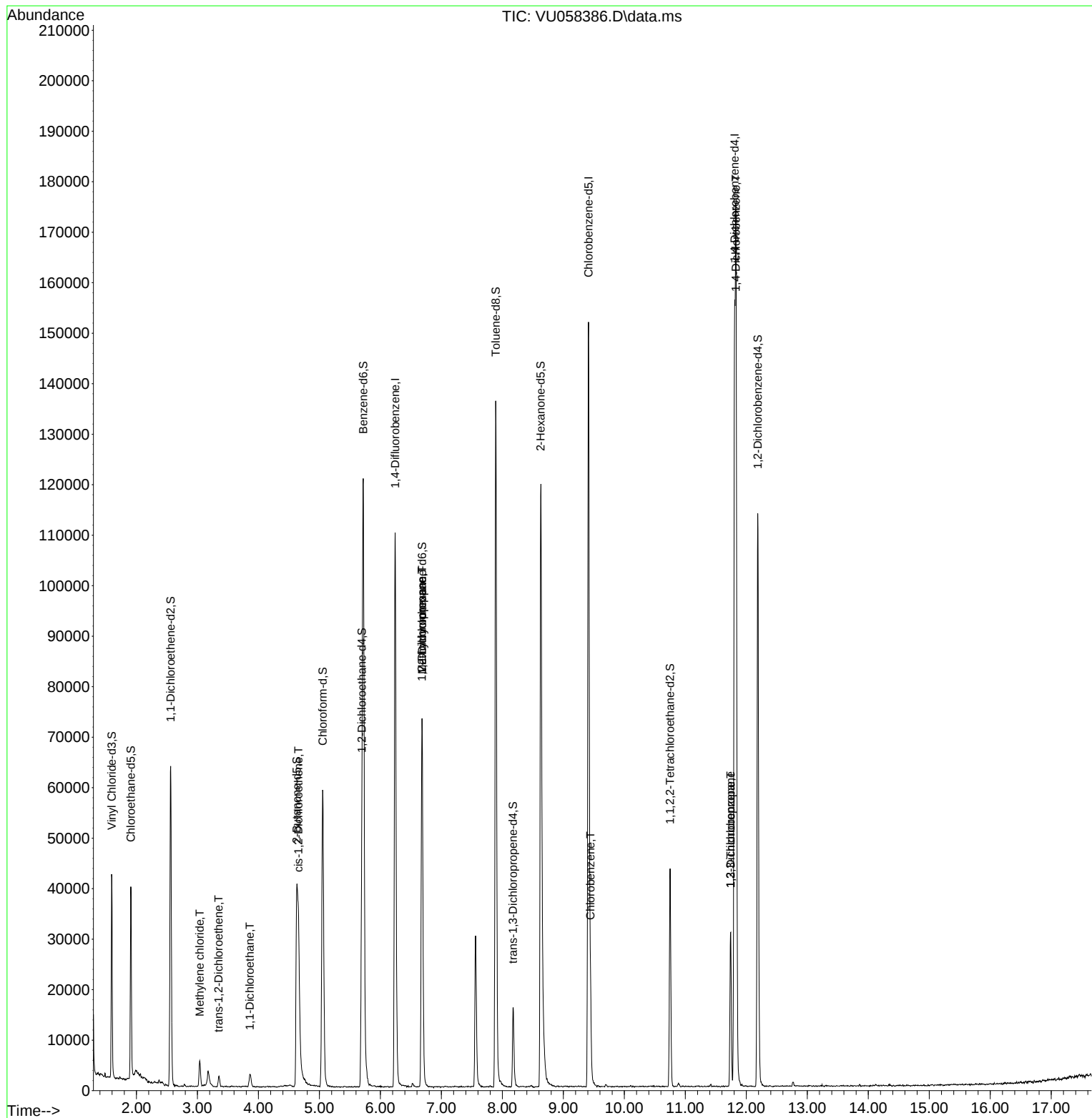
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86809	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	82123	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27438	4.774	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.908	69	25190	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.560	65	12488	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.628	46	61045	50.401	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.800%
24) Chloroform-d	5.052	84	55071	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.695	65	28232	5.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.718	84	111679	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.682	67	35324	5.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.891	98	92437	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.174	79	9822	4.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.627	63	43375	48.861	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22129	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	29363	4.792	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
16) Methylene chloride	3.036	84	2260	0.277	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	949	0.147	ug/L	96
19) 1,1-Dichloroethane	3.859	63	3302	0.235	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	9092	1.256	ug/L	99
35) Methylcyclohexane	6.682	83	7860	0.695	ug/L #	17
37) 1,2-Dichloropropane	6.679	63	3894	0.497	ug/L #	90
51) Chlorobenzene	9.444	112	9687	0.513	ug/L	96
61) 1,2,3-Trichloropropane	11.743	75	4265	1.149	ug/L #	50
64) 1,3-Dichlorobenzene	11.743	146	12554	0.970	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	62426	4.952	ug/L	99

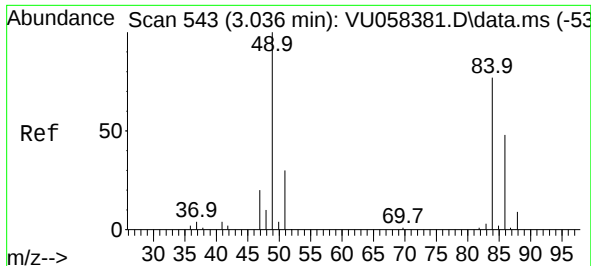
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.277 ug/L

RT: 3.036 min Scan# 54

Delta R.T. -0.000 min

Lab File: VU058386.D

Acq: 04 Apr 2024 23:34

Instrument :

MSVOA_U

ClientSampleId :

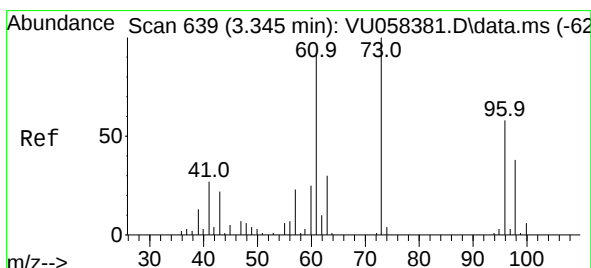
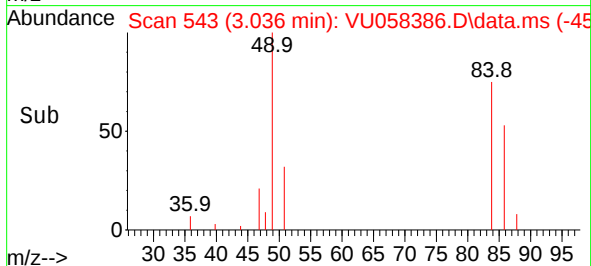
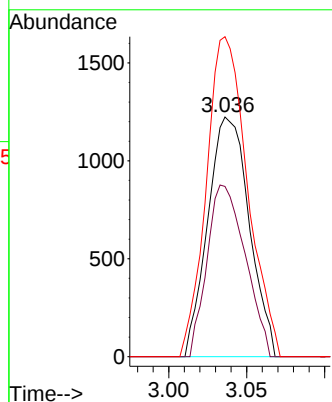
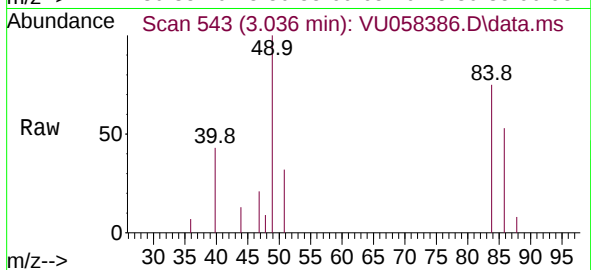
Tgt Ion: 84 Resp: 2260

Ion Ratio Lower Upper

84 100

86 71.0 44.3 82.3

49 133.5 96.0 178.2



#18

trans-1,2-Dichloroethene

Concen: 0.147 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU058386.D

Acq: 04 Apr 2024 23:34

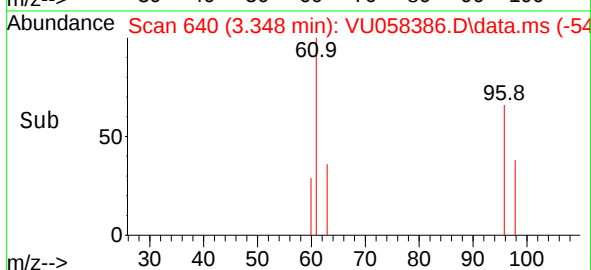
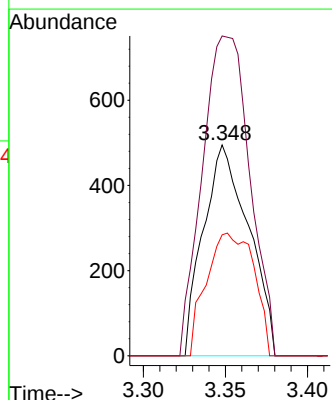
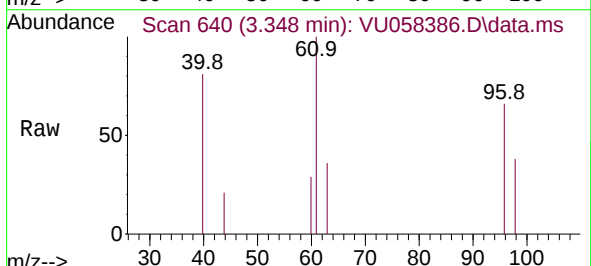
Tgt Ion: 96 Resp: 949

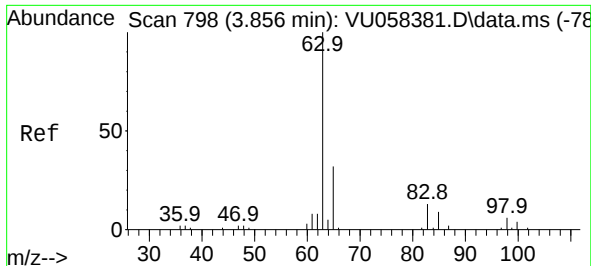
Ion Ratio Lower Upper

96 100

61 151.7 107.6 199.8

98 57.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.235 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU058386.D

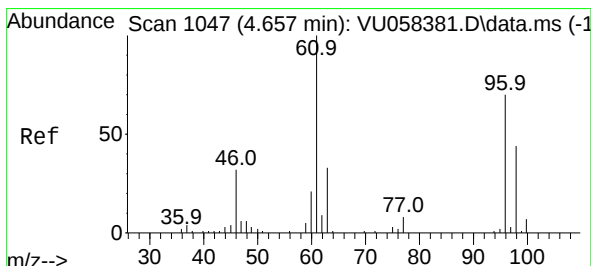
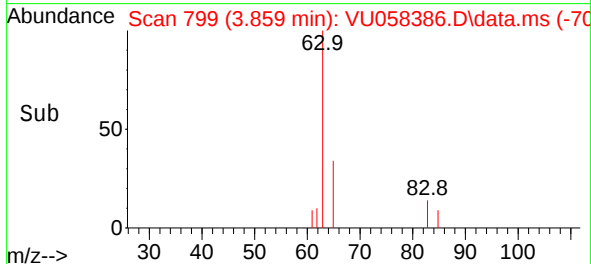
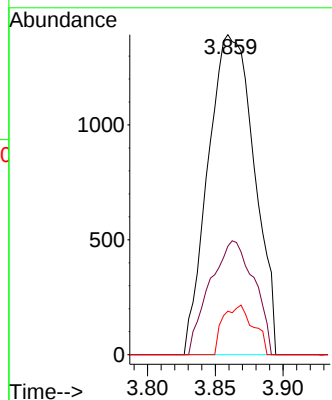
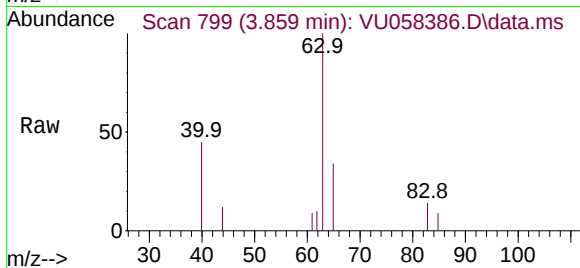
Acq: 04 Apr 2024 23:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 3302
Ion Ratio	Lower Upper
63	100
65	33.9 22.9 42.5
83	13.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 1.256 ug/L

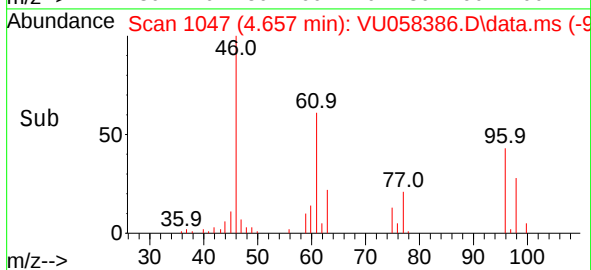
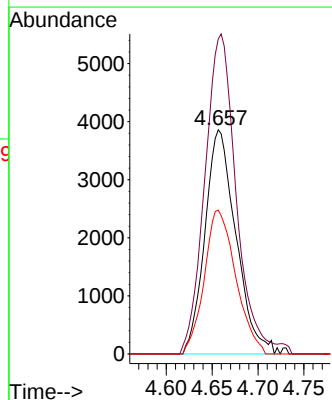
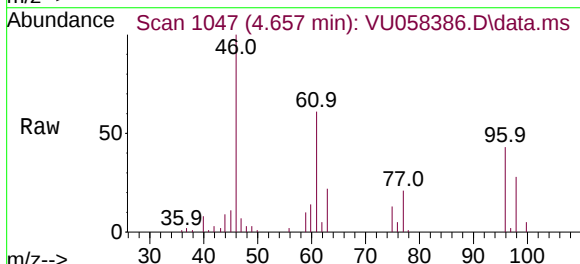
RT: 4.657 min Scan# 1047

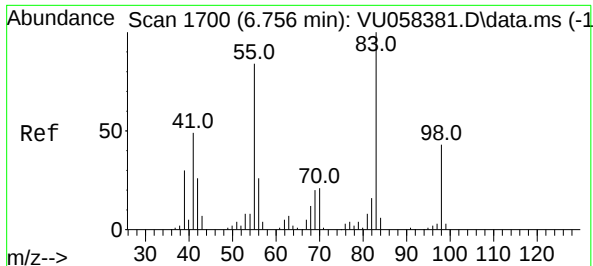
Delta R.T. -0.000 min

Lab File: VU058386.D

Acq: 04 Apr 2024 23:34

Tgt Ion: 96	Resp: 9092
Ion Ratio	Lower Upper
96	100
61	140.6 98.1 182.3
98	64.2 43.6 81.0





#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058386.D

Acq: 04 Apr 2024 23:34

Instrument :

MSVOA_U

ClientSampleId :

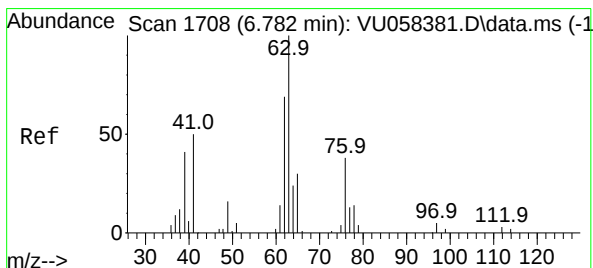
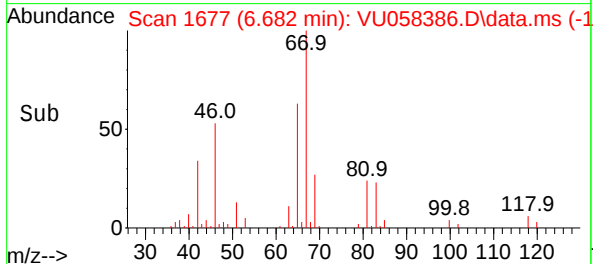
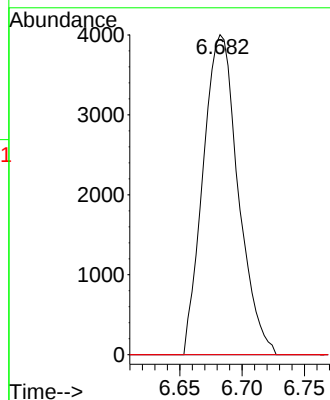
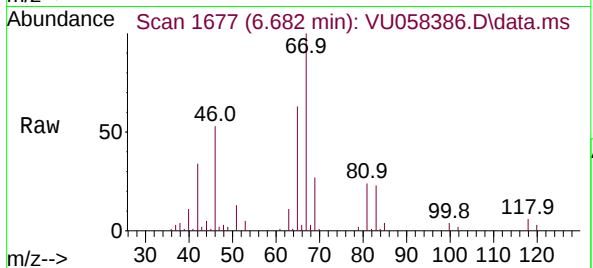
Tgt Ion: 83 Resp: 7860

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 1.3 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU058386.D

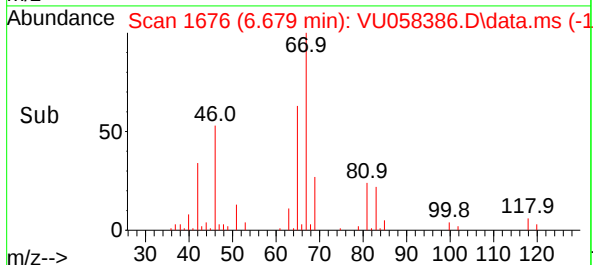
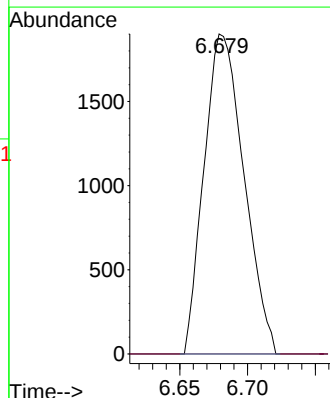
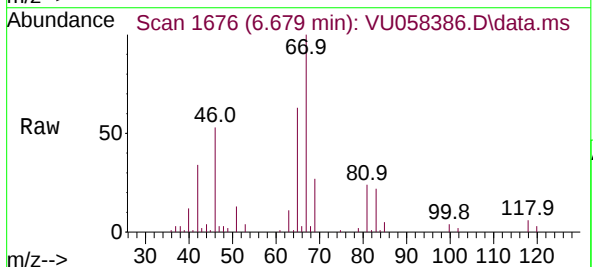
Acq: 04 Apr 2024 23:34

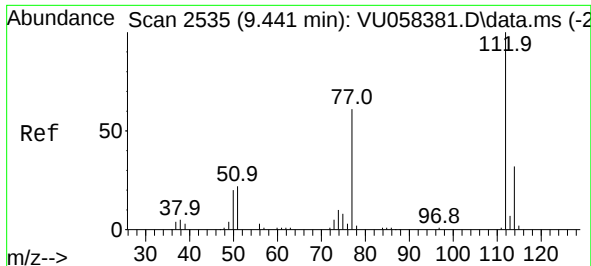
Tgt Ion: 63 Resp: 3894

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#51

Chlorobenzene

Concen: 0.513 ug/L

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU058386.D

Acq: 04 Apr 2024 23:34

Instrument :

MSVOA_U

ClientSampleId :

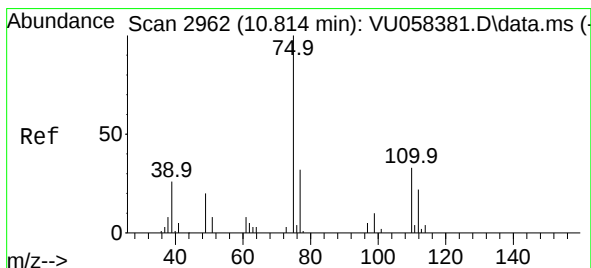
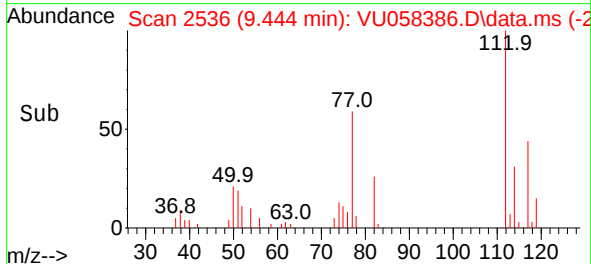
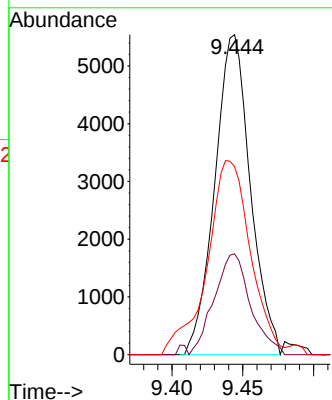
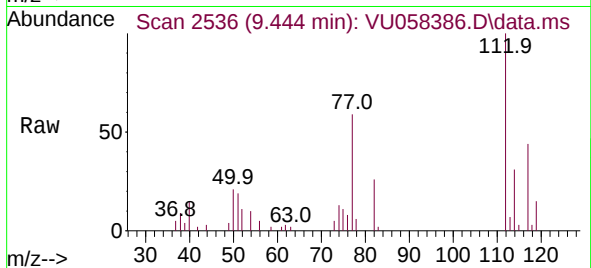
Tgt Ion:112 Resp: 9687

Ion Ratio Lower Upper

112 100

114 31.5 22.4 41.6

77 58.7 50.1 75.1



#61

1,2,3-Trichloropropane

Concen: 1.149 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.929 min

Lab File: VU058386.D

Acq: 04 Apr 2024 23:34

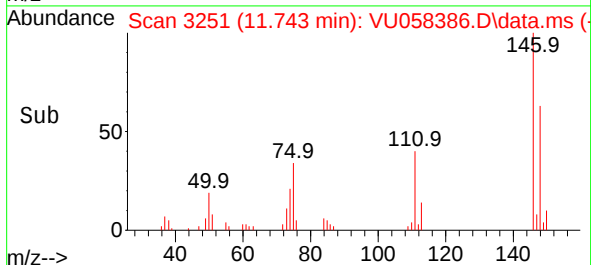
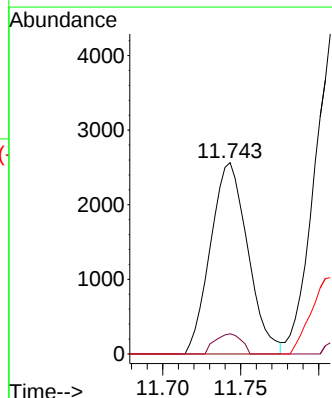
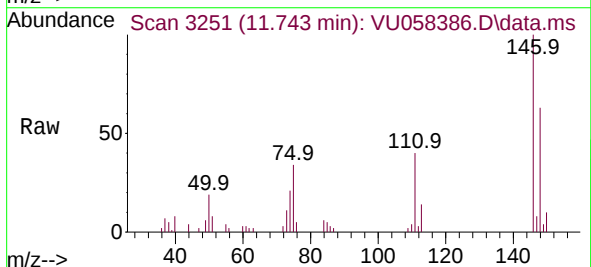
Tgt Ion: 75 Resp: 4265

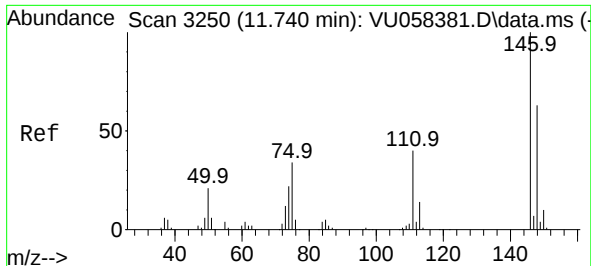
Ion Ratio Lower Upper

75 100

110 7.4 25.8 38.6#

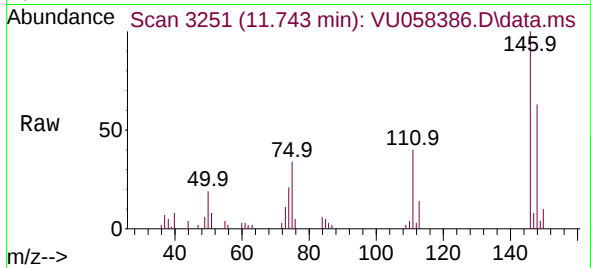
77 0.0 25.1 37.7#



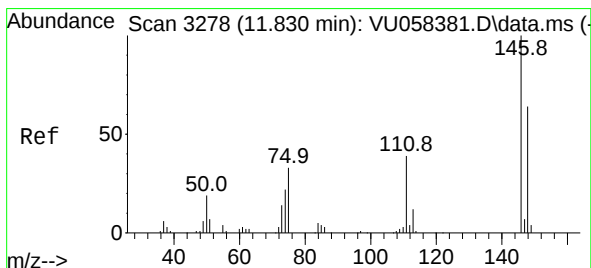
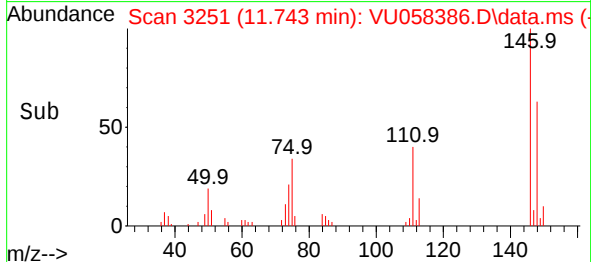
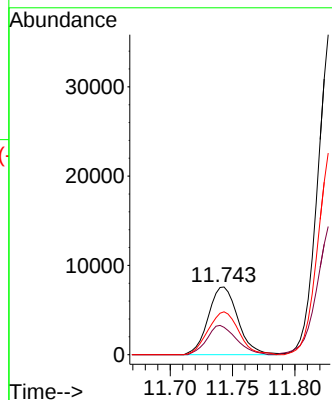


#64
1,3-Dichlorobenzene
Concen: 0.970 ug/L
RT: 11.743 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU058386.D
Acq: 04 Apr 2024 23:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 12554
Ion Ratio Lower Upper
146 100
111 40.4 28.8 53.4
148 63.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.952 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058386.D
Acq: 04 Apr 2024 23:34

Tgt Ion:146 Resp: 62426
Ion Ratio Lower Upper
146 100
111 40.2 28.8 53.6
148 64.5 45.3 84.1

