

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061870.D
 Acq On : 20 Nov 2024 16:52
 Operator : MD/SY
 Sample : P4847-04DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A0AT5DL

Quant Time: Nov 21 01:30:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:18:14 2024
 Response via : Initial Calibration

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

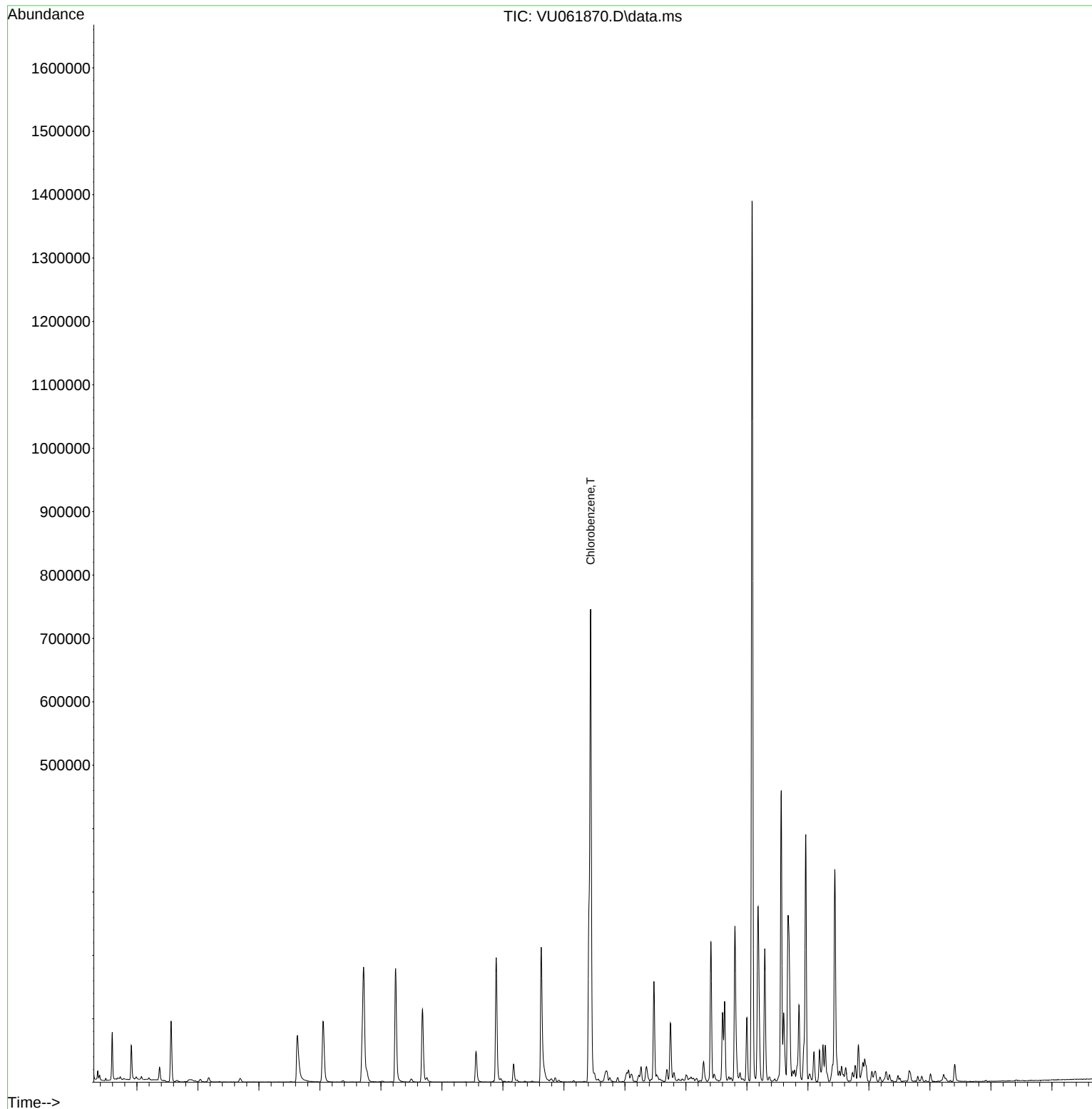
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	148802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	136489	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	64591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44960	6.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 123.200%	
7) Chloroethane-d5	1.907	69	38763	6.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 120.000%	
11) 1,1-Dichloroethene-d2	2.560	65	18475	6.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 126.800%#	
20) 2-Butanone-d5	4.628	46	111457	48.628	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	= 97.260%	
24) Chloroform-d	5.052	84	91500	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.800%	
26) 1,2-Dichloroethane-d4	5.695	65	49285	5.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.600%	
32) Benzene-d6	5.718	84	169127	6.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 127.200%#	
36) 1,2-Dichloropropane-d6	6.679	67	56165	6.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 124.400%	
41) Toluene-d8	7.891	98	135756	6.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 122.400%	
43) trans-1,3-Dichloroprop...	8.177	79	17147	5.126	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 102.600%	
46) 2-Hexanone-d5	8.627	63	73793	48.330	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 96.660%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44801	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 99.200%	
66) 1,2-Dichlorobenzene-d4	12.184	152	52796	5.528	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 110.600%	
Target Compounds						Qvalue
33) Benzene	5.769	78	14757	0.358	ug/L	100
35) Methylcyclohexane	6.756	83	2259	0.134	ug/L	95
51) Chlorobenzene	9.438	112	394924	13.331	ug/L	99
54) o-Xylene	10.097	106	2372	0.129	ug/L	91
60) Isopropylbenzene	10.476	105	104817	2.081	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	12057	0.557	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	11408	0.587	ug/L	97

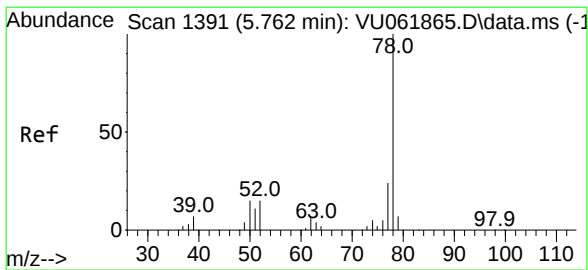
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:18:14 2024
Response via : Initial Calibration





#33

Benzene

Concen: 0.358 ug/L

RT: 5.769 min Scan# 13

Delta R.T. 0.006 min

Lab File: VU061870.D

Acq: 20 Nov 2024 16:52

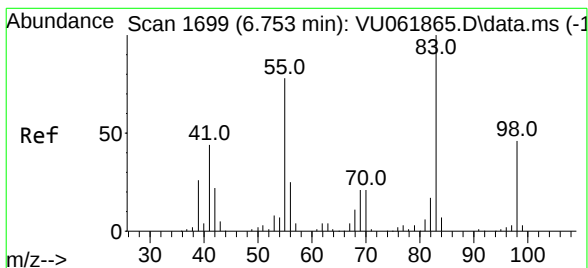
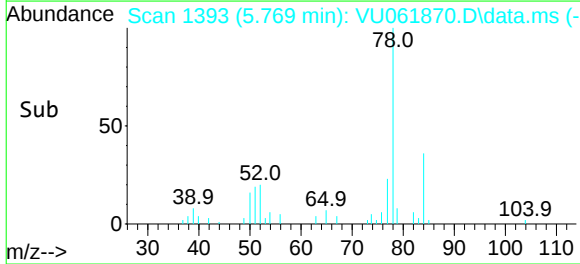
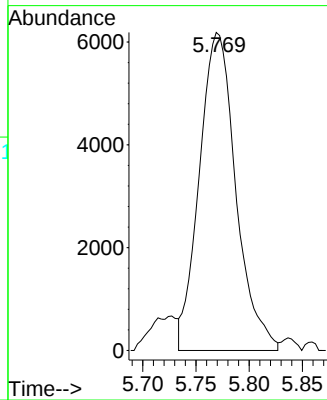
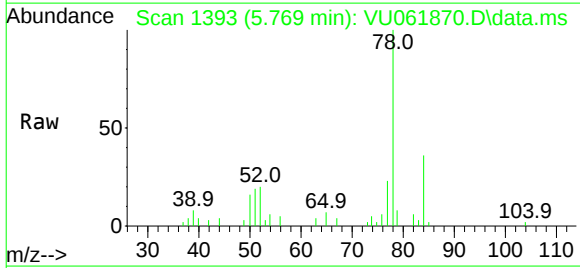
Instrument :

MSVOA_U

ClientSampleId :

A0AT5DL

Tgt Ion: 78 Resp: 14757



#35

Methylcyclohexane

Concen: 0.134 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061870.D

Acq: 20 Nov 2024 16:52

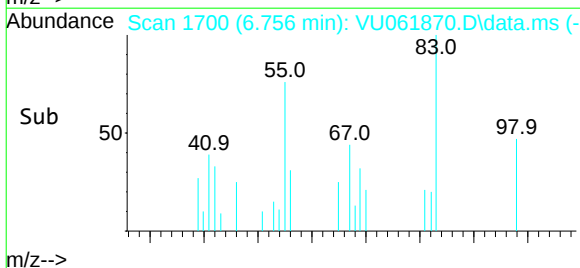
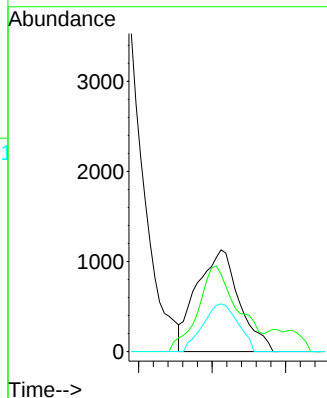
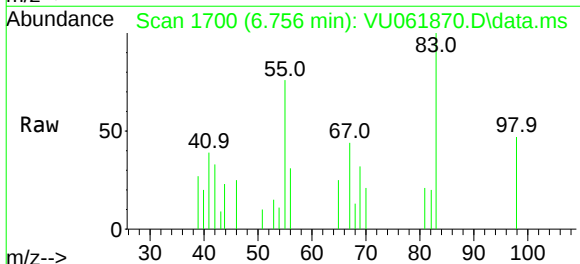
Tgt Ion: 83 Resp: 2259

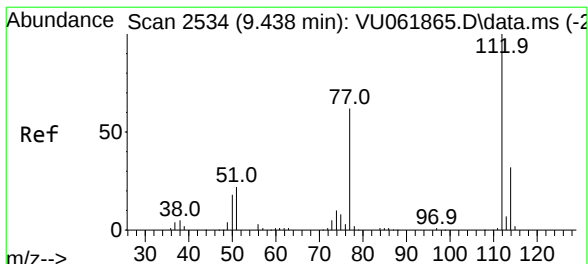
Ion Ratio Lower Upper

83 100

55 79.5 60.7 91.1

98 38.9 34.8 52.2

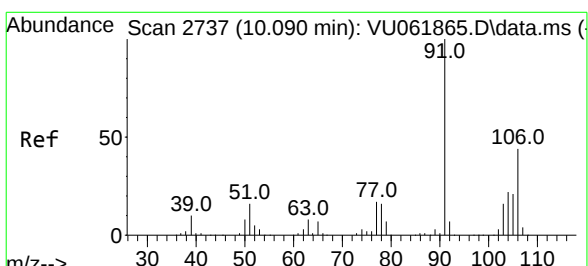
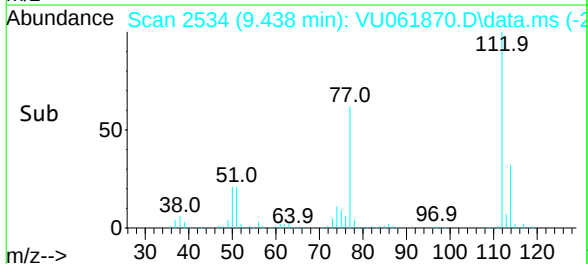
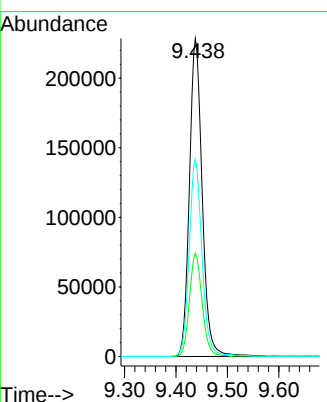
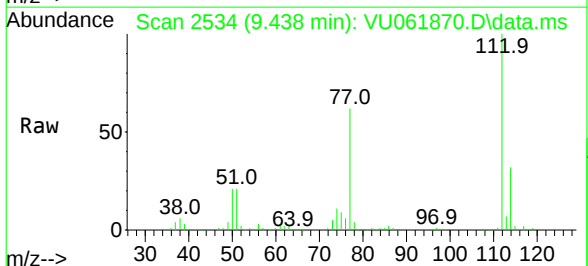




#51
 Chlorobenzene
 Concen: 13.331 ug/L
 RT: 9.438 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: VU061870.D
 Acq: 20 Nov 2024 16:52

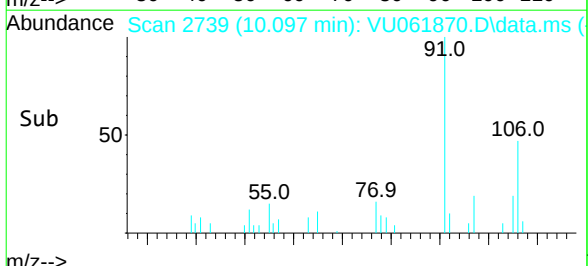
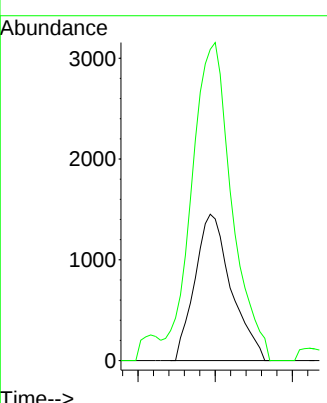
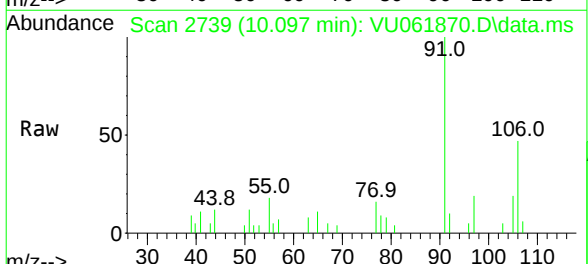
Instrument : MSVOA_U
 ClientSampleId : A0AT5DL

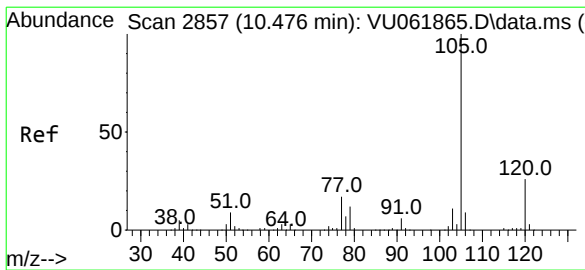
Tgt Ion:	112	Resp:	394924
Ion	Ratio	Lower	Upper
112	100		
114	32.4	23.0	42.6
77	61.9	50.5	75.7



#54
 o-Xylene
 Concen: 0.129 ug/L
 RT: 10.097 min Scan# 2739
 Delta R.T. 0.006 min
 Lab File: VU061870.D
 Acq: 20 Nov 2024 16:52

Tgt Ion:	106	Resp:	2372
Ion	Ratio	Lower	Upper
106	100		
91	212.7	159.8	296.8





#60

Isopropylbenzene

Concen: 2.081 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061870.D

Acq: 20 Nov 2024 16:52

Instrument :

MSVOA_U

ClientSampleId :

A0AT5DL

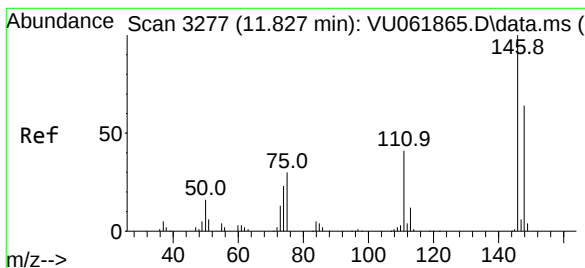
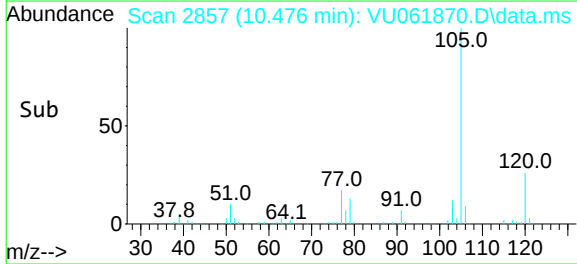
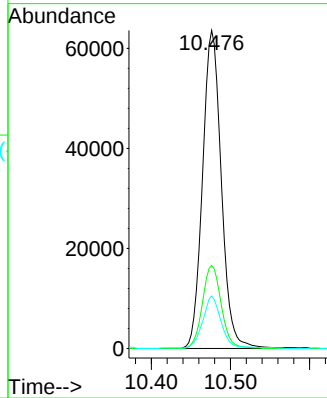
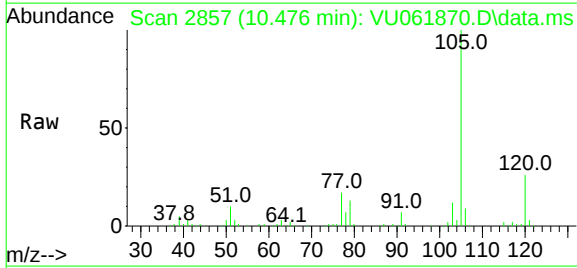
Tgt Ion:105 Resp: 104817

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

77 15.6 13.0 19.6



#65

1,4-Dichlorobenzene

Concen: 0.557 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU061870.D

Acq: 20 Nov 2024 16:52

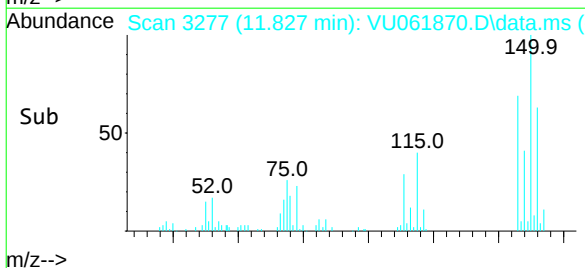
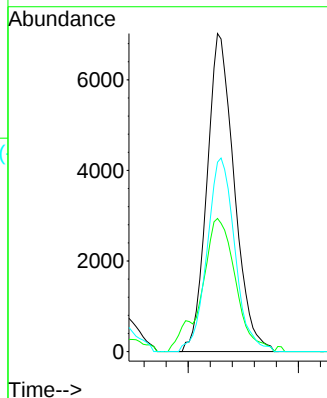
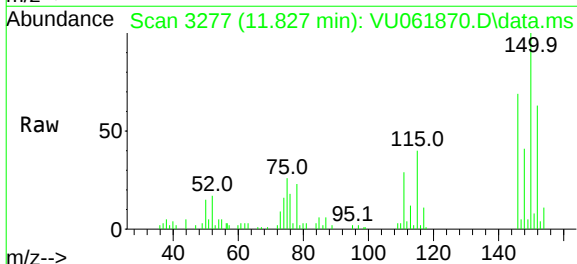
Tgt Ion:146 Resp: 12057

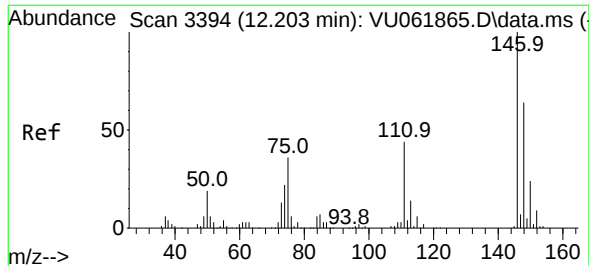
Ion Ratio Lower Upper

146 100

111 41.8 29.3 54.3

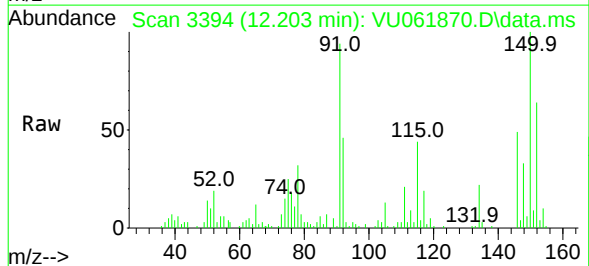
148 59.5 44.6 82.8





#67
 1,2-Dichlorobenzene
 Concen: 0.587 ug/L
 RT: 12.203 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VU061870.D
 Acq: 20 Nov 2024 16:52

Instrument :
 MSVOA_U
 ClientSampleId :
 A0AT5DL



Tgt Ion:	146	Resp:	11408
Ion	Ratio	Lower	Upper
146	100		
111	42.6	36.0	54.0
148	67.4	52.3	78.5

