

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046169.D
 Acq On : 08 Dec 2021 12:35
 Operator : SY/MD
 Sample : M4883-19ME
 Misc : 3.97g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:19:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

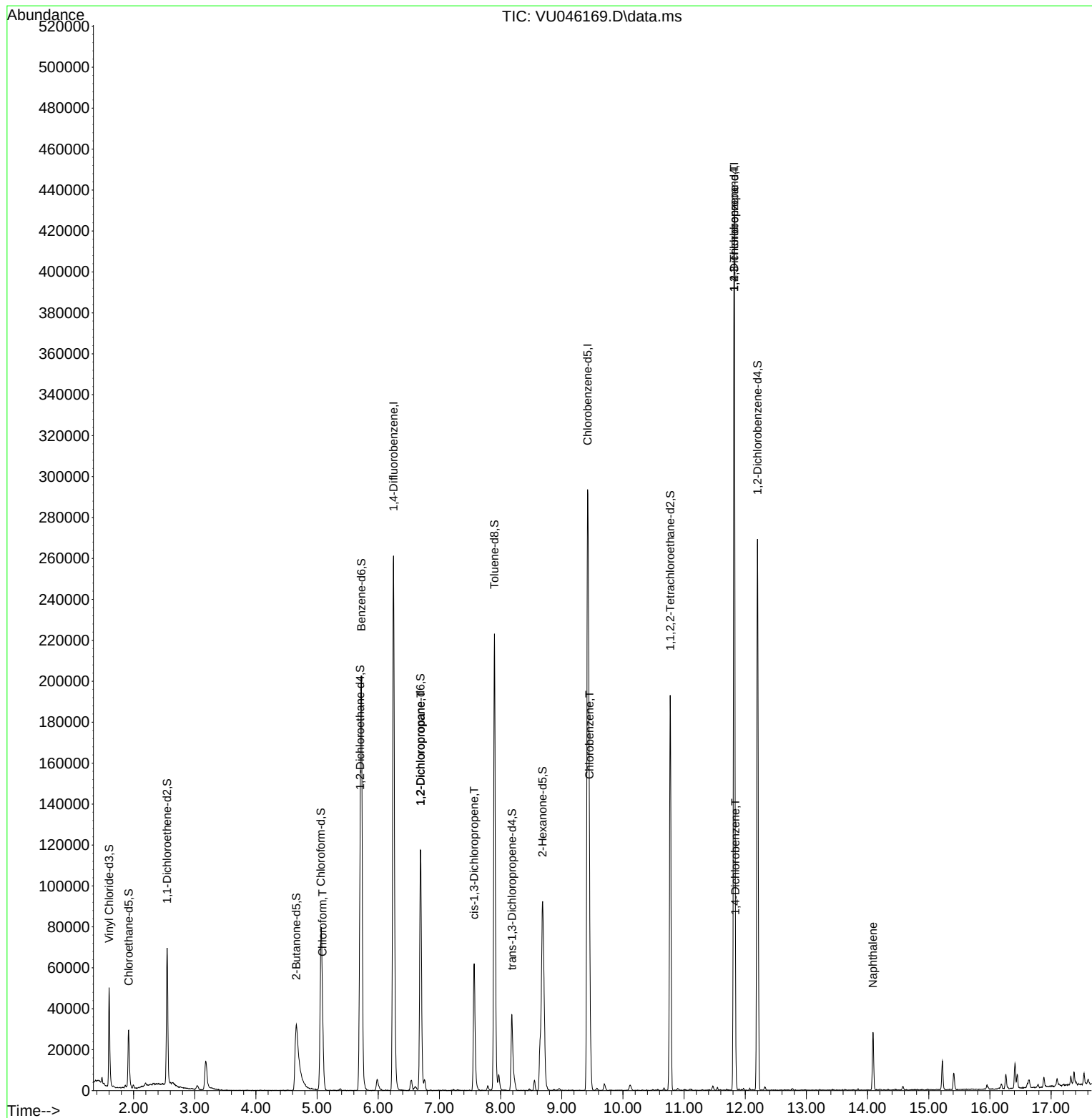
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	241354	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	236633	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	118897	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39746	19.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	39.980%#
7) Chloroethane-d5	1.919	69	27973	18.325	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	36.660%#
11) 1,1-Dichloroethene-d2	2.549	63	41625	11.663	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	23.320%#
21) 2-Butanone-d5	4.661	46	93679	59.272	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	59.270%
24) Chloroform-d	5.063	84	75112	22.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	45.240%#
26) 1,2-Dichloroethane-d4	5.703	65	61631	27.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.320%#
32) Benzene-d6	5.722	84	183089	26.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	54.000%#
36) 1,2-Dichloropropane-d6	6.690	67	61714	29.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	58.720%#
41) Toluene-d8	7.899	98	163588	26.491	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	52.980%#
43) trans-1,3-Dichloroprop...	8.185	79	29727	29.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.600%#
47) 2-Hexanone-d5	8.687	63	68713	68.946	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.950%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	97236	30.503	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	61.000%#
66) 1,2-Dichlorobenzene-d4	12.201	152	72490	31.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.320%#
Target Compounds						
25) Chloroform	5.089	83	18818	5.274	ug/L	Qvalue 94
37) 1,2-Dichloropropane	6.693	63	6591	3.513	ug/L	# 86
39) cis-1,3-Dichloropropene	7.568	75	1702	0.596	ug/L	# 60
51) Chlorobenzene	9.452	112	27798	5.591	ug/L	99
60) 1,2,3-Trichloropropane	11.819	75	14637	5.616	ug/L	# 64
65) 1,4-Dichlorobenzene	11.841	146	4320	1.138	ug/L	92
71) Naphthalene	14.089	128	23149	2.800	ug/L	99

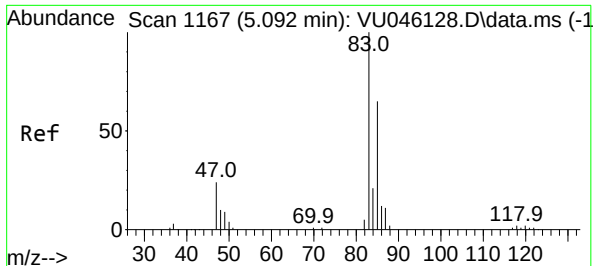
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 5.274 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046169.D

Acq: 08 Dec 2021 12:35

Instrument :

MSVOA_U

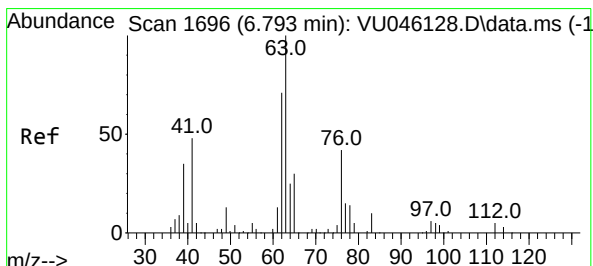
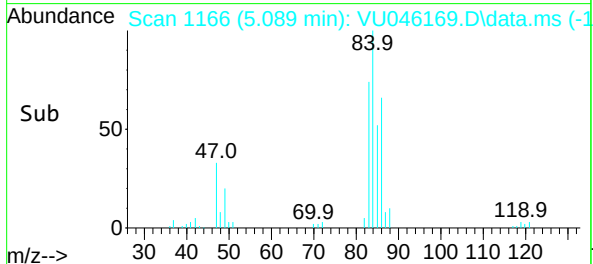
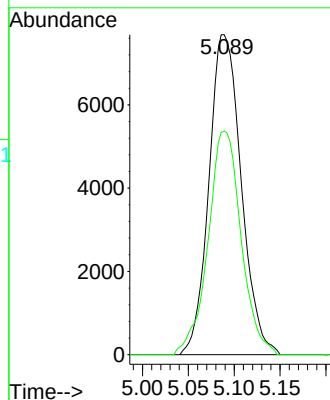
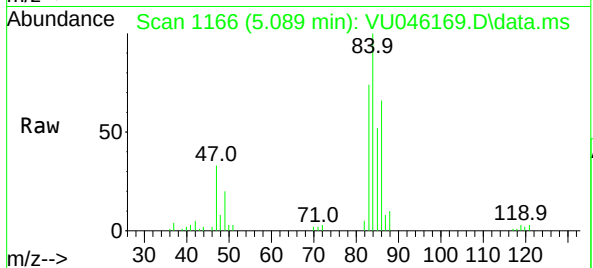
ClientSampleId :

Tgt Ion: 83 Resp: 18818

Ion Ratio Lower Upper

83 100

85 69.9 45.8 85.2



#37

1,2-Dichloropropane

Concen: 3.513 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046169.D

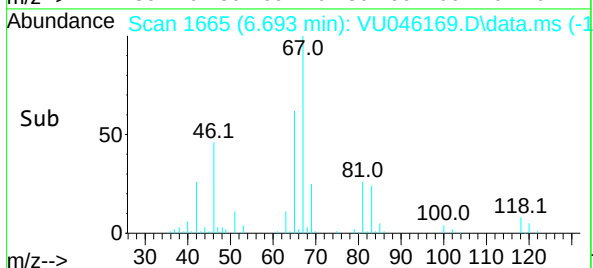
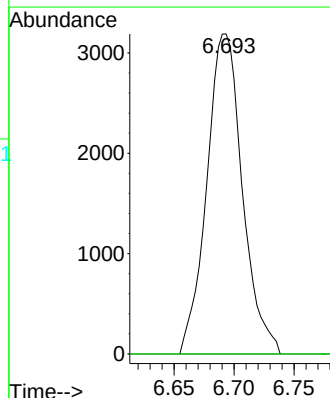
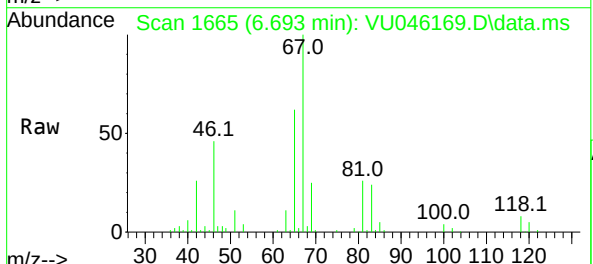
Acq: 08 Dec 2021 12:35

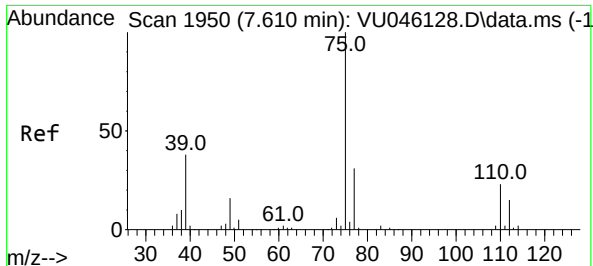
Tgt Ion: 63 Resp: 6591

Ion Ratio Lower Upper

63 100

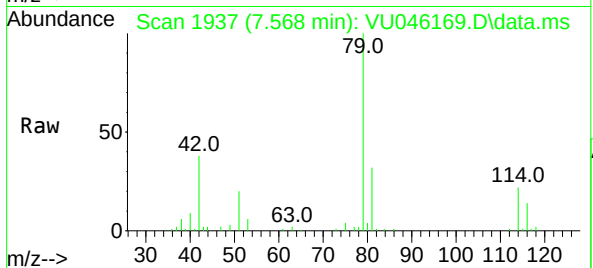
112 0.0 3.8 5.6#



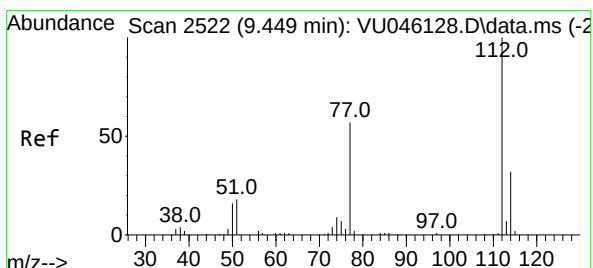
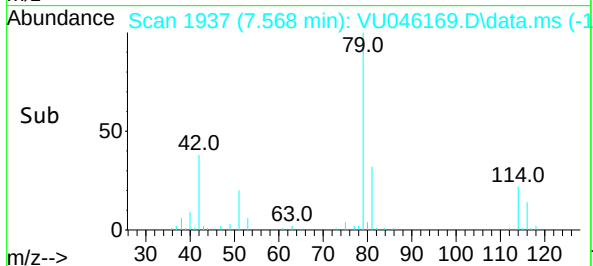
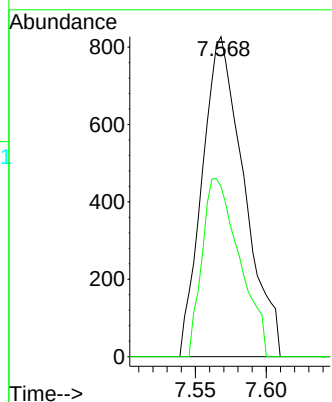


#39
 cis-1,3-Dichloropropene
 Concen: 0.596 ug/L
 RT: 7.568 min Scan# 1950
 Delta R.T. -0.042 min
 Lab File: VU046169.D
 Acq: 08 Dec 2021 12:35

Instrument :
 MSVOA_U
 ClientSampleId :

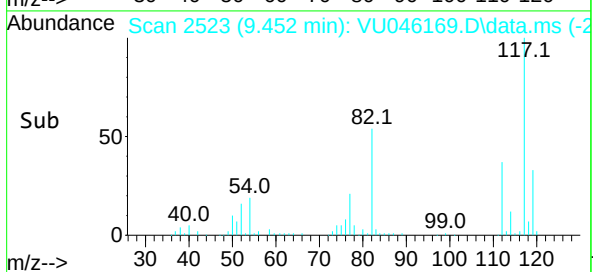
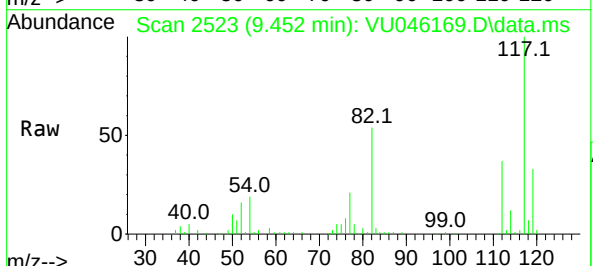
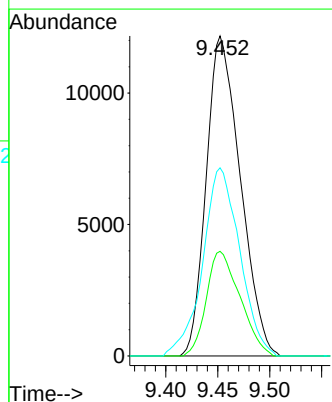


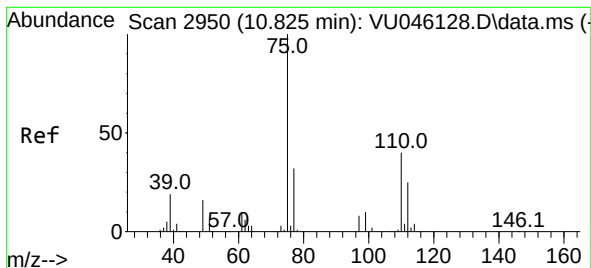
Tgt Ion: 75 Resp: 1702
 Ion Ratio Lower Upper
 75 100
 77 53.2 21.8 40.6#



#51
 Chlorobenzene
 Concen: 5.591 ug/L
 RT: 9.452 min Scan# 2523
 Delta R.T. 0.003 min
 Lab File: VU046169.D
 Acq: 08 Dec 2021 12:35

Tgt Ion: 112 Resp: 27798
 Ion Ratio Lower Upper
 112 100
 114 32.7 22.2 41.2
 77 58.8 47.4 71.0





#60

1,2,3-Trichloropropane

Concen: 5.616 ug/L

RT: 11.819 min Scan# 31

Delta R.T. 0.993 min

Lab File: VU046169.D

Acq: 08 Dec 2021 12:35

Instrument :

MSVOA_U

ClientSampleId :

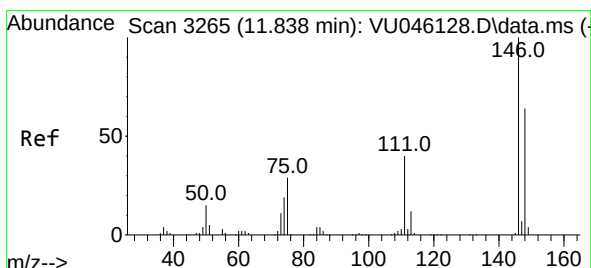
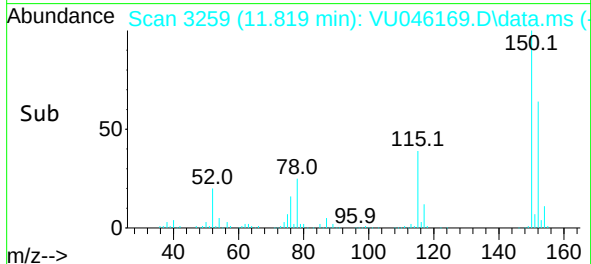
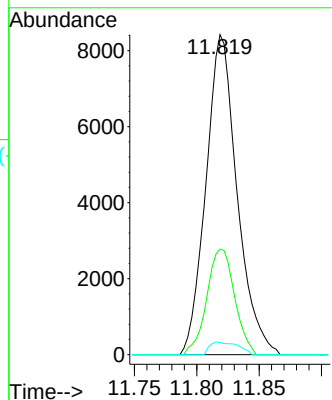
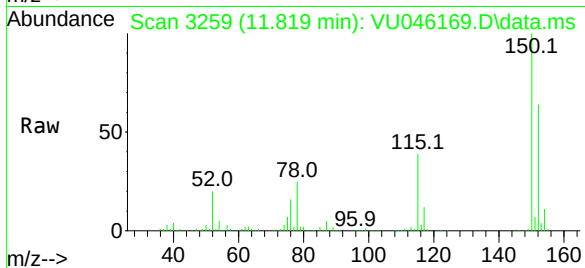
Tgt Ion: 75 Resp: 14637

Ion Ratio Lower Upper

75 100

77 29.5 26.4 39.6

110 3.6 32.4 48.6#



#65

1,4-Dichlorobenzene

Concen: 1.138 ug/L

RT: 11.841 min Scan# 3266

Delta R.T. 0.003 min

Lab File: VU046169.D

Acq: 08 Dec 2021 12:35

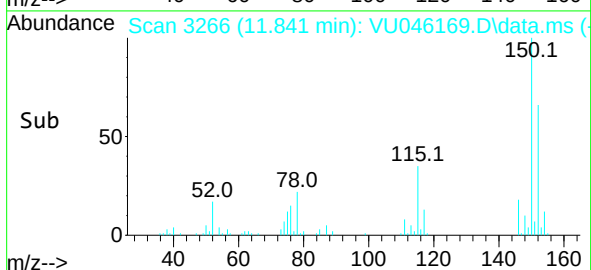
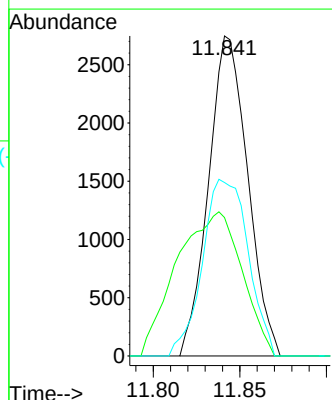
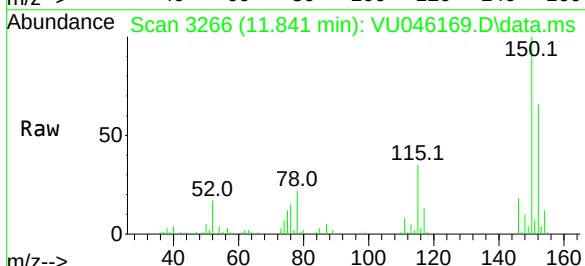
Tgt Ion: 146 Resp: 4320

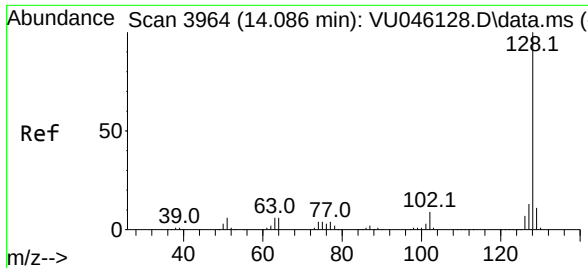
Ion Ratio Lower Upper

146 100

111 43.3 28.3 52.7

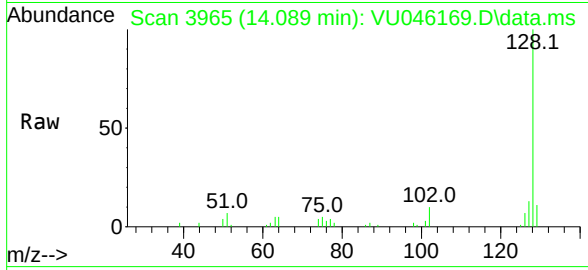
148 54.2 43.8 81.3





#71
Naphthalene
Concen: 2.800 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046169.D
Acq: 08 Dec 2021 12:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 23149
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.3 8.6 13.0

