

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046119.D
 Acq On : 06 Dec 2021 18:19
 Operator : SY/MD
 Sample : M4938-09 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:12:29 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)

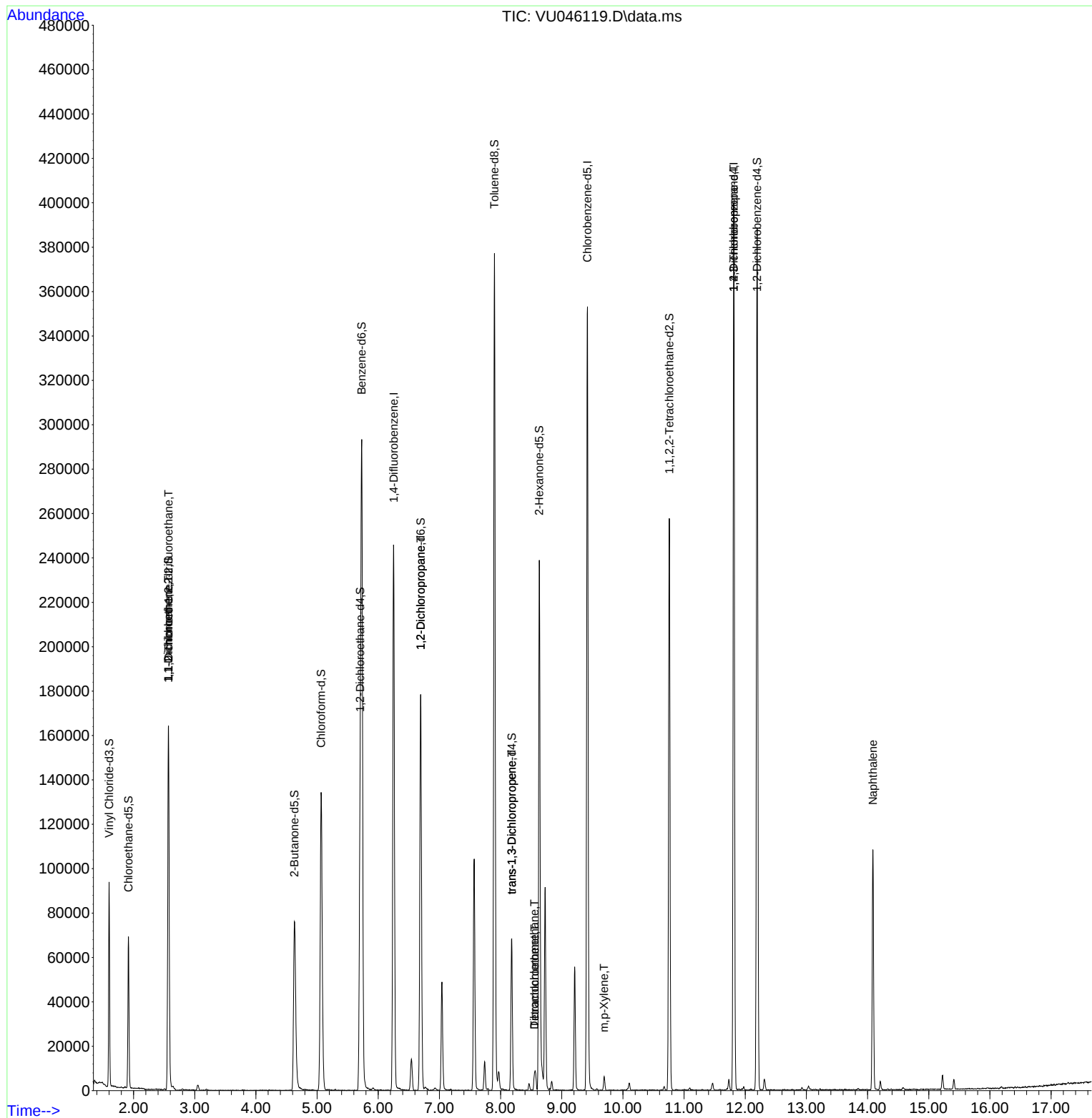
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	206943	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	203045	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	106231	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	64195	37.658	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.320%
7) Chloroethane-d5	1.916	69	48653	37.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.340%
11) 1,1-Dichloroethene-d2	2.572	63	97938	32.003	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.000%
21) 2-Butanone-d5	4.629	46	115678	85.362	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.360%
24) Chloroform-d	5.067	84	124835	43.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.700%
26) 1,2-Dichloroethane-d4	5.703	65	85879	44.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.900%
32) Benzene-d6	5.729	84	277107	47.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	6.694	67	86106	47.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.480%
41) Toluene-d8	7.899	98	252113	47.580	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.160%
43) trans-1,3-Dichloroprop...	8.182	79	39532	45.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.800%
47) 2-Hexanone-d5	8.632	63	87171	101.936	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	125136	45.750	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.500%
66) 1,2-Dichlorobenzene-d4	12.195	152	103865	50.769	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.540%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	910	0.604	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	795	0.556	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	9424	5.854	ug/L #	86
44) trans-1,3-Dichloropropene	8.182	75	1762	0.733	ug/L	89
46) Tetrachloroethene	8.555	164	1648	1.385	ug/L	94
49) Dibromochloromethane	8.552	129	1761	1.038	ug/L #	10
53) m,p-Xylene	9.693	106	2057	0.743	ug/L	78
60) 1,2,3-Trichloropropane	11.812	75	12212	5.244	ug/L #	64
71) Naphthalene	14.086	128	87329	11.822	ug/L	99

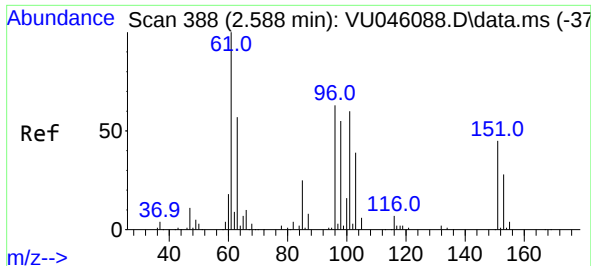
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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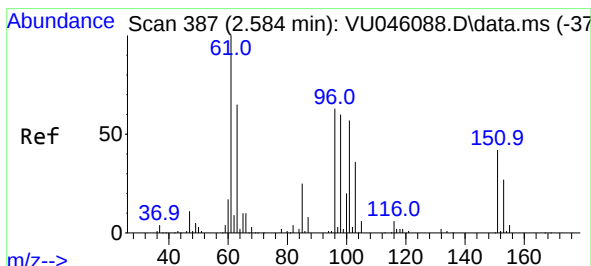
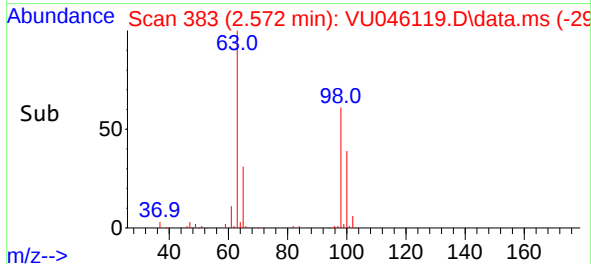
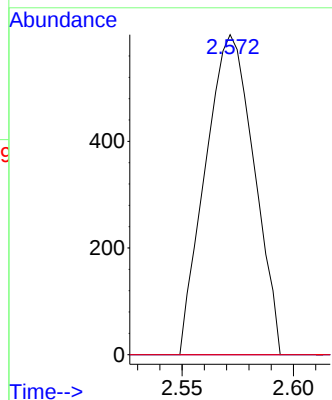
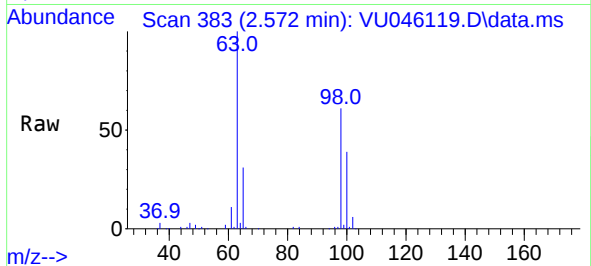




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.604 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU046119.D
Acq: 06 Dec 2021 18:19

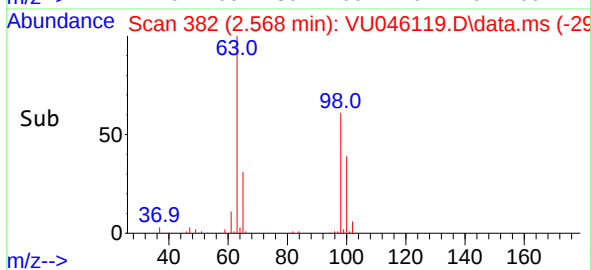
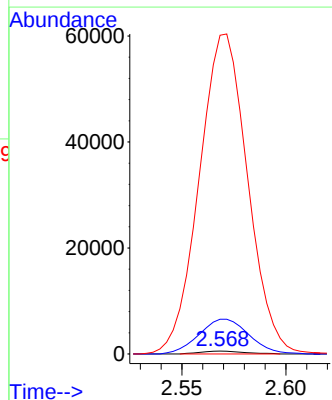
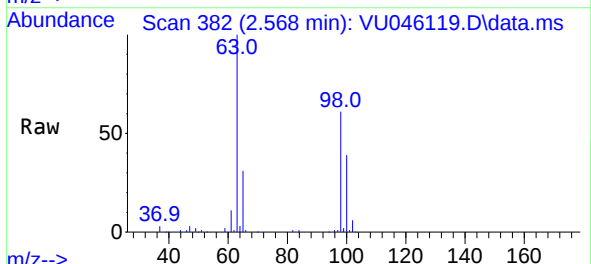
Instrument :
MSVOA_U
ClientSampleId :

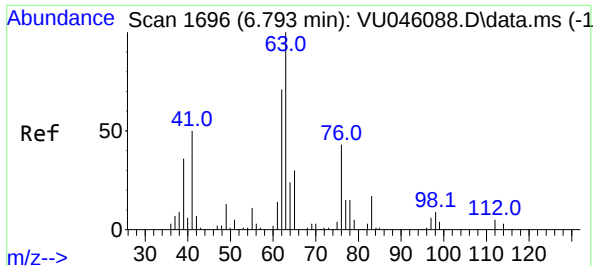
Tgt Ion:101 Resp: 910
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.556 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046119.D
Acq: 06 Dec 2021 18:19

Tgt Ion: 96 Resp: 795
Ion Ratio Lower Upper
96 100
61 1194.9 118.6 220.2#
63 10956.6 93.0 172.8#

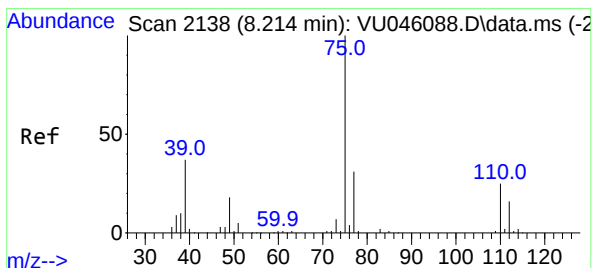
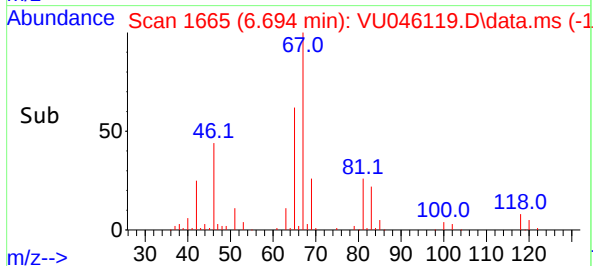
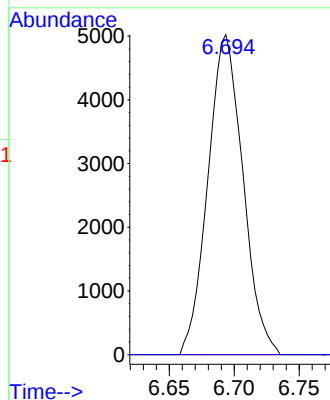
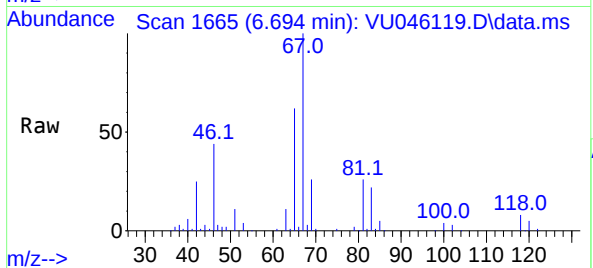




#37
1,2-Dichloropropane
Concen: 5.854 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046119.D
Acq: 06 Dec 2021 18:19

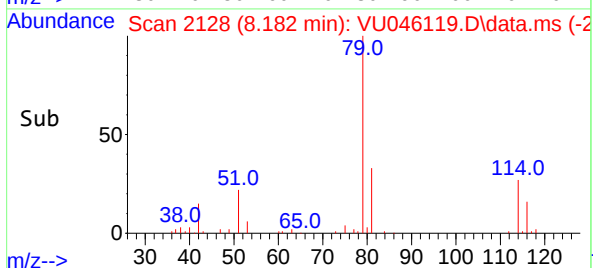
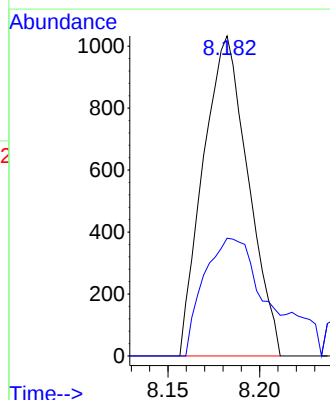
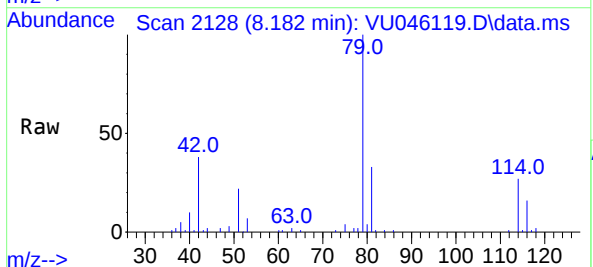
Instrument :
MSVOA_U
ClientSampleId :

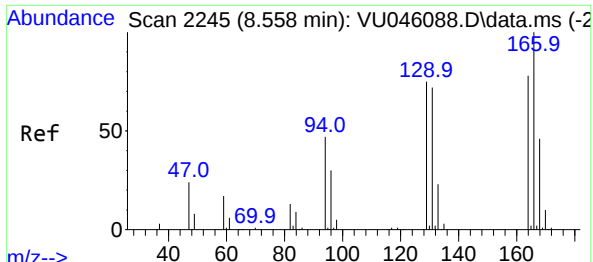
Tgt Ion: 63 Resp: 9424
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#44
trans-1,3-Dichloropropene
Concen: 0.733 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU046119.D
Acq: 06 Dec 2021 18:19

Tgt Ion: 75 Resp: 1762
Ion Ratio Lower Upper
75 100
77 36.8 21.7 40.3





#46

Tetrachloroethene

Concen: 1.385 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046119.D

Acq: 06 Dec 2021 18:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 1648

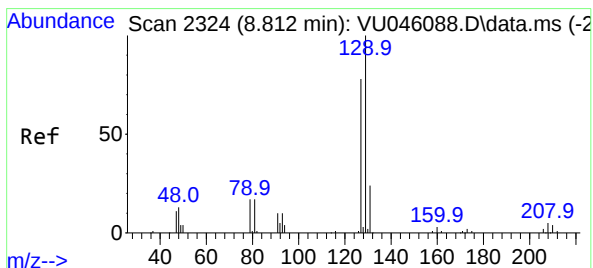
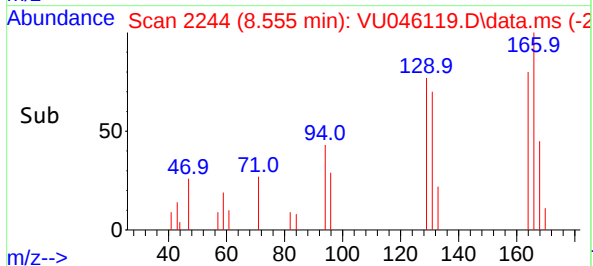
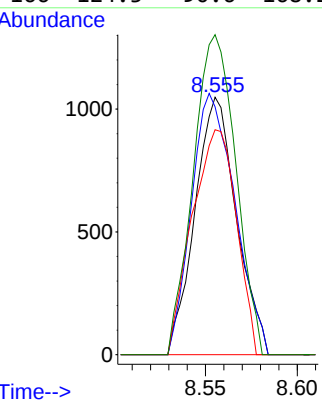
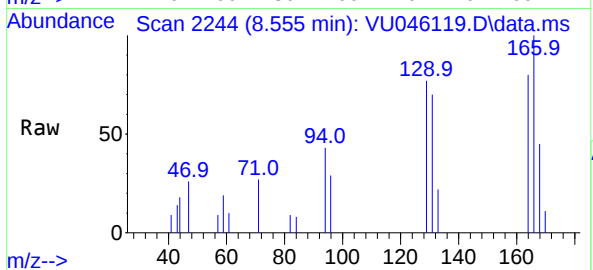
Ion Ratio Lower Upper

164 100

129 96.3 71.1 132.1

131 87.4 67.8 126.0

166 124.3 90.6 168.2



#49

Dibromochloromethane

Concen: 1.038 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.260 min

Lab File: VU046119.D

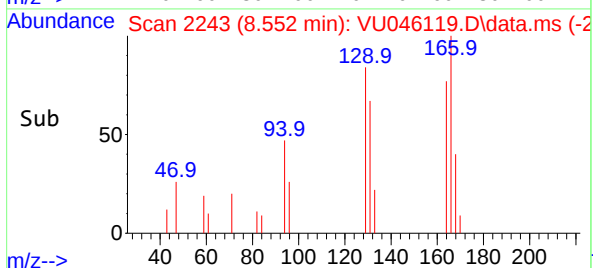
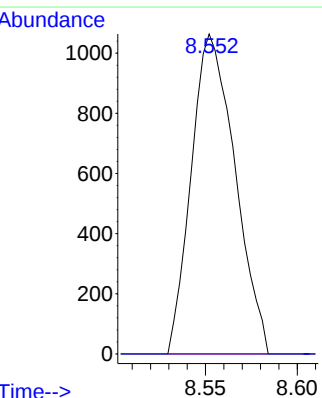
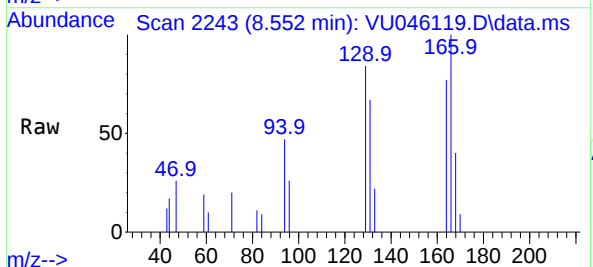
Acq: 06 Dec 2021 18:19

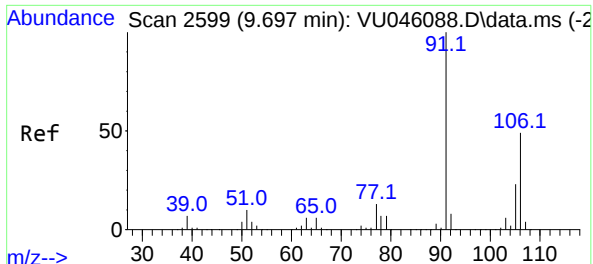
Tgt Ion:129 Resp: 1761

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#

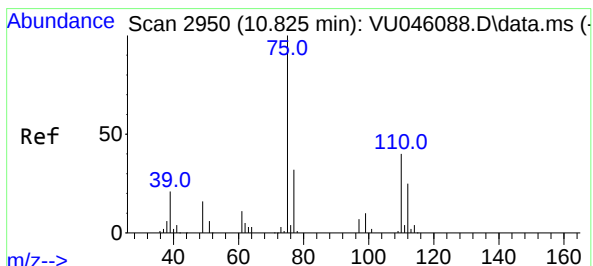
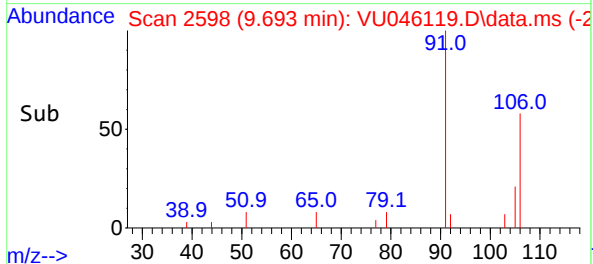
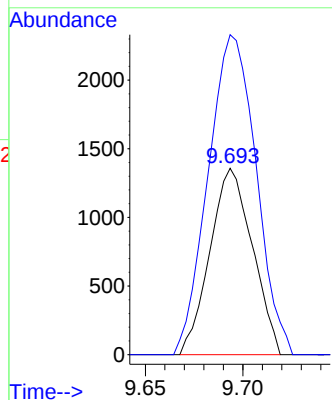
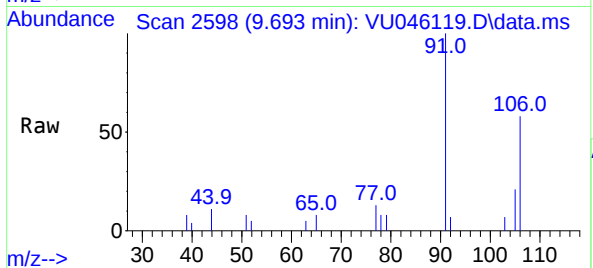




#53
m,p-Xylene
Concen: 0.743 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046119.D
Acq: 06 Dec 2021 18:19

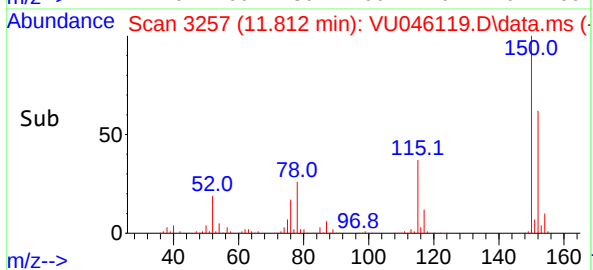
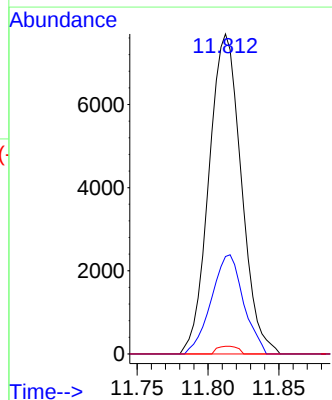
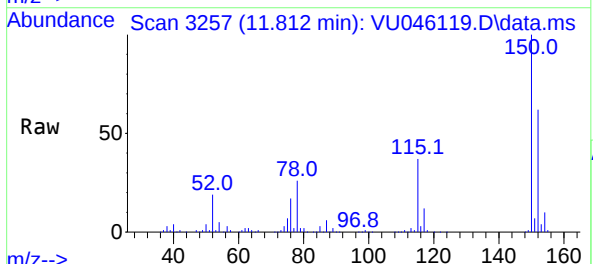
Instrument :
MSVOA_U
ClientSampleId :

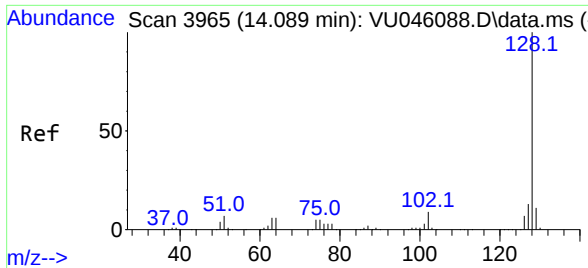
Tgt Ion:106 Resp: 2057
Ion Ratio Lower Upper
106 100
91 171.6 144.3 268.1



#60
1,2,3-Trichloropropane
Concen: 5.244 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046119.D
Acq: 06 Dec 2021 18:19

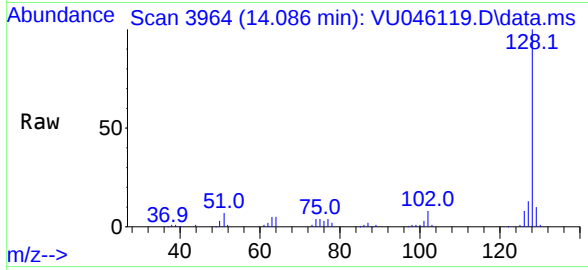
Tgt Ion: 75 Resp: 12212
Ion Ratio Lower Upper
75 100
77 30.8 26.4 39.6
110 1.5 32.4 48.6#





#71
Naphthalene
Concen: 11.822 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046119.D
Acq: 06 Dec 2021 18:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 87329
Ion Ratio Lower Upper
128 100
127 12.2 10.1 15.1
129 10.2 8.6 13.0

